TELE System




# All in One

English

# Index

1 Safety regulations ..... 2
2 Basic info ..... 3
3 How to use the remote control ..... 3
4 Remote control programming ..... 3
4.1 TV button programming ..... 3
4.1.1 Setup by TV brand code ..... 3
4.1.2 Setup by manual search ..... 3
4.1.3 Display the TV brand code ..... 4
4.1.4 Setup by learning function ..... 4
4.1.5 TV codes deleting (Reset) ..... 4
4.2 STB button programming ..... 5
4.2.1 Setup by STB brand code ..... 5
4.2.2 Setup by manual search ..... 5
4.2.3 Display the STB brand code ..... 5
4.2.4 Setup by learning function ..... 5
4.2.5 STB codes deleting (Reset) ..... 6
5 Problem solving ..... 6
6 QSG ..... 7

**NOTE**

Please refer to the online web guide www.telesystem.it/allinoneV02 to check the correspondence between the keys of universal remote unit and the keys of your TV or Set top box TELE System.

# 1 Safety regulations

We advise you to read the following advice concerning the safety regulations carefully in order to ensure safe use of the appliance.

LIQUIDS

- Keep the appliance far from any liquids. Do not place any objects containing liquids on the appliance, such as vases, humidifiers etc. The appliance must not be installed in areas where it could come into contact with sprays or drops of water or in an environment with a high level of humidity where condensation could occur.
- If the remote control should accidentally come into contact with liquids, remove immediately the batteries.

CLEANING

- To clean the outside of the remote control use a soft and dry or slightly damp cloth. Avoid using products which contain chemicals or solvents. .

WARNING!

- Avoid leaning the receiver close to any heat sources (i.e. radiators, stoves etc) or on top of any other appliances which omit heat (video players, DVD etc).
- Keep the appliance out of reach of children.
- The plastic bags used for packaging can be dangerous. To avoid suffocating keep the bags out of reach of children.
- Do not expose the remote control to direct sunlight.
- Remove the batteries from the remote control if they will not be used for a long period of time. The remote control could be damaged by any eventual battery leakages.
- Dispose of the product correctly so as to avoid damage to the environment and human health as well as to facilitate recycling of the components/materials used in the appliance. If the product is not disposed of properly this could be punishable according to the involved law.



- The manufacturers recommend that the parts are recycled separately and are taken to sites which conform to current regulations.
- Take the product, including its accessories and batteries, when no longer usable to a collection point which is authorised to handle waste from electrical or electronic appliances that should be kept separate from regular household waste.

**NOTE**

Because of mistakes or updates aimed at continuous improvement of the product, some features described in this manual may not match the product inside the packaging.

# 2 Basic info

After completing the programming process of the universal remote All.in.one, you can operate a maximum of 2 different devices: TV and decoder (or, in lieu of one of the two and using the learning function, a DVD / HDD / recorder or VCR).
After having properly programmed the remote control unit for controlling the STB or TV set, it will work like the original remote control of the TV set, limited to main functions, such as On/Standby switching, audio volume adjustment and channel change.

**NOTE**
In the following chapter we use the acronym STB that means Set Top Box to indicate the receiver equipment.

# 3 How to use the remote control

Press the proper function button STB or TV to control respectively the receiver or the TV set, then point the remote control at the IR sensor of the target device. At each IR transmission, the LED indicator will blink.




① ② ③ ④

1. **LED**: Led marker used during the setup
2. 
3. **TV** press shortly to enter to TV control mode
   press more than 3 sec to enter to setup mode
4. **STB**: press shortly to enter to STB control mode
5. press more than 3 sec to enter to setup mode
6. **SOURCE**: reserved to the setup mode

# 4 Remote control programming

## 4.1 TV button programming

### 4.1.1 Setup by TV brand code

The default TV brand codes are listed in the (see the attachment **TV/STB List**). Detect the brand of your TV set, then follow these steps:

1. Switch on the TV set.
2. Press and hold the **TV** button for 3 second. Release it as soon as the **LED** indicator is lighted up.
3. Enter the 4-digit TV brand code by using the numeric buttons 0÷9.
4. The **LED** will turn off if the remote control accepts the code.

**CAUTION**
If the code is wrong, the LED will flash 3 times and turn off; in this last case, repeat the procedure.

5. Check the functions of the buttons of the remote control. If it does not function correctly, try another 4-digit TV set code from the list under the same brand by repeating the steps from 1 to 5 until all basic functions operate correctly.

If the TV brand is not present in the list or the setup is unsuccessful, try the next method.

### 4.1.2 Setup by manual search

1. Switch on the TV set.
2. Keep pointed the remote control at your TV set for all the procedure.
3. Press and hold the **TV** button for 3 seconds until the **LED** lights up.
4. Press the **PROG +** button progressively.
5. If necessary, press **PROG-** to recall the previous code.
6. As soon as the TV set responds to the command, by going in stand-by or changing channel, press the **OK** button to save the code. The **LED** will turn OFF.
7. Check whether the other buttons of the remote control function properly. If the majority of the buttons does not function correctly, repeat the procedure starting from the first step.

### 4.1.3 Display the TV brand code

To identify the TV brand code in use by the remote control, follow these steps:

1. Press and hold the **TV** button for 3 seconds until the **LED** lights up.
2. Press and hold the **STB** button for 3 second, then release it.
3. To get the first digit of the code, press singularly the numeric button from 0 to 9 until the **LED** flashes once. The number that lights up the **LED** corresponds with the searched digit.
4. Repeat the above step 3 times in order to find the remaining three digits of the code.
5. After having the last digit of the code, the **LED** will turns OFF.

**NOTE**

When the **TV** button is not programmed or after a reset (par. 4.1.5), the code is 0000.

### 4.1.4 Setup by learning function

The learning function is used to extend the default programs of the standard TV code list (see the attachment **TV/STB List**), thanks to the Learning function. A fully functional original remote control of the TV set is required. Please also use new batteries for both the original TV remote control and the Learning remote control.

1. Press and hold the **TV** button of the Learning remote control. Release it when the **LED** turns on.
2. Press and hold the **SOURCE** button until the **LED** starts flashing: now the remote control is in learning mode.
3. Align the IR sensors of both remote control units and keep them so at a closed distance (around 3 cm) for all the procedure.
4. Press and release the target button on the Learning remote control which you want to program: the **LED** will light up.
5. Press the button of the original remote control that match with the button mentioned on previous step. If the command is accepted, the **LED** of the Learning remote control will restarts flashing.

**CAUTION**

The capturing is not immediate, it may take some seconds.

6. Repeat the steps 4 and 5 for all the other buttons to learn from the original remote control.
7. When you finish learning all needed buttons, press the **TV** button to save all commands you have learnt from original remote control and exit the learning mode.

**CAUTIONS**

- Every button keeps the learned function even after changing the TV program code. For restoring the original function of the buttons, perform a reset (see 4.1.5).
- The buttons TV, STB, LED and SOURCE are not programmable.

### 4.1.5 TV codes deleting (Reset)

To delete all the codes set for the TV button, proceed as follows:

1. Press and hold the **TV** button of the Learning remote control. Release it when the **LED** turns on.
2. Press and hold the **SOURCE** button until the **LED** starts flashing.
3. Press and hold again the **SOURCE** button until the **LED** turns OFF: the reset is done.

**CAUTION**

A reset will cancel any learned function and restore the TV code to 0000. In this condition, the RCU doesn't emit any signal

## *4.2 STB button programming*

### 4.2.1 Setup by STB brand code

The default STB brand codes are listed in the attachment **TV/STB List**. Detect the brand of your STB set, then follow these steps:

1. Switch on the STB.
2. Press and hold the **STB** button for 3 second. Release it as soon as the **LED** indicator is lighted up.
3. Enter the 4-digit STB brand code by using the numeric buttons 0÷9.
4. The **LED** will turn off if the remote control accepts the code.

**CAUTION**

If the code is wrong, the LED will flash 3 times and turn off; in this last case, repeat the procedure.

5. Check the functions of the buttons of the remote control. If it does not function correctly, try another 4-digit STB code from the list under the same brand by repeating the steps from 1 to 5 until all basic functions operate correctly.

If the STB brand is not present in the list or the setup is unsuccessful, try the next method.

### 4.2.2 Setup by manual search

1. Switch on the STB.
2. Keep pointed the remote control at your STB for all the procedure.
3. Press and hold the **STB** button for 3 seconds until the **LED** lights up.
4. Press the **PROG +** button progressively.
5. If necessary, press **PROG-** to recall the previous code.
6. As soon as the STB responds to the command, by going in stand-by or changing channel, press the **OK** button to save the code. The **LED** will turn OFF.
7. Check whether the other buttons of the remote control function properly. If the majority of the buttons does not function correctly, repeat the procedure starting from the first step.

### 4.2.3 Display the STB brand code

To identify the STB brand code in use by the remote control, follow these steps:

1. Press and hold the **STB** button for 3 seconds until the **LED** lights up.
2. Press and hold the **STB** button for 3 second, then release it.
3. To get the first digit of the code, press singularly the numeric button from 0 to 9 until the **LED** flashes once. The number that lights up the **LED** corresponds with the searched digit.
4. Repeat the above step 3 times in order to find the remaining three digits of the code.
5. After having the last digit of the code, the **LED** will turns OFF.

**NOTE**

When the **STB** button is not programmed or after a reset 4.2.5 , the code is 0000.

### 4.2.4 Setup by learning function

The learning function is used to extend the default programs of the standard STB code list (see the attachment **TV/STB List**), thanks to the Learning function. A fully functional original remote control of the STB is required. Please also use new batteries for both the original STB remote control and the Learning remote control.

1. Press and hold the **STB** button of the Learning remote control. Release it when the **LED** turns on.
2. Press and hold the **SOURCE** button until the **LED** starts flashing: now the remote control is in learning mode.
3. Align the IR sensors of both remote control units and keep them so at a closed distance (around 3 cm) for all the procedure.
4. Press and release the target button on the Learning remote control which you want to program: the **LED** will light up.
5. Press the button of the original remote control that match with the button mentioned on previous step. If the command is accepted, the **LED** of the Learning remote control will restarts flashing.

**CAUTION**

The capturing is not immediate, it may take some seconds.

6. Repeat the steps 4 and 5 for all the other buttons to learn from the original remote control.
7. When you finish learning all needed buttons, press the **TV** button to save all commands you have learnt from original remote control and exit the learning mode.

**CAUTION**

- Every button keeps the learned function even after changing the STB program code. For restoring the original function of the buttons, perform a reset (see par.4.2.5).
- The buttons TV, STB and SOURCE are not programmable.

### 4.2.5 STB codes deleting (Reset)

To delete all the codes set for the STB button, proceed as follows:

1. Press and hold the **STB** button of the Learning remote control. Release it when the **LED** turns on.
2. Press and hold the **SOURCE** button until the **LED** starts flashing.
3. Press and hold again the **SOURCE** button until the **LED** turns OFF: the reset is done.

**CAUTION**

A reset will cancel any learned function and restore the STB code to 0000. In this condition, the RCU doesn't emit any signal

# 5 Problem solving

| PROBLEM | POSSIBLE CAUSE | REMEDY |
|---|---|---|
| The remote control does not work. | -The appliance is in Stand-by. | -Press the STAND-BY button on the appliance to check if the device is working properly. |
| | -The remote control is not being directed towards the receiver. | -Make sure nothing is obstructing the front panel. |
| | -The remote control batteries are flat. | -Change batteries. |
| | -The batteries have been inserted in the wrong direction. | -Check the battery polarities. |
| | -The remote control has been dropped and its internal components have been damaged. | -Contact the local dealer and buy a new remote control. |
| | -Wrong remote control mode in use. | -Press STB or TV button and check the response of the box. |
| Some buttons do not work | -Buttons are not pre-programmed | -Programme the buttons by using the learning function (ref. 4.1.4 and/or 4.2.4) |
| | - Buttons has been programmed by learning function and later an TV or STB code has been set | - Perform a reset of the TV and/or STB code (ref. 4.1.5 and/or 4.2.5) |

**CAUTION**

- **TV, LED, STB, SOURCE** keys are no programmable during **Auto learning mode**.
- Because of the large number of TV equipment available in the market, it is not possible to guarantee the compatibility with all devices.

# 6 QSG

**Setup by TV brand code**




**Setup by STB brand code**



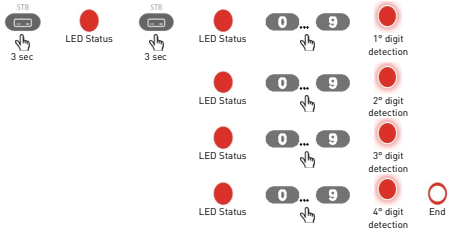

**TV code deleting**



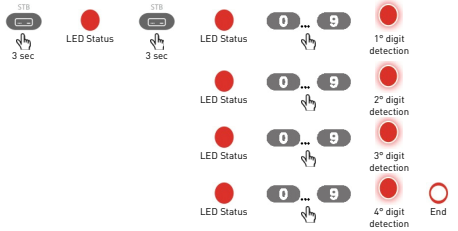

**STB code deleting**



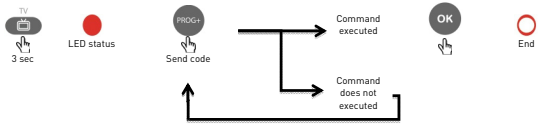

**Display TV code**



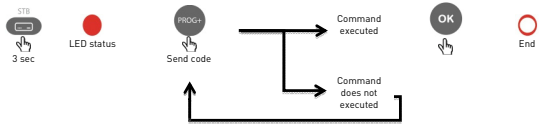
**Display STB code**




**Setup by manual search (TV code)**




**Setup by manual search (STB code)**




**Setup by learning function (TV)**




**Setup by learning function (STB)**



# Indice

1 Norme di sicurezza ..... 2
2 Informazioni di base ..... 3
3 Utilizzo del telecomando ..... 3
4 Programmazione del telecomando ..... 3
4.1 Programmazione del tasto TV ..... 3
4.1.1 Cambio codice TV ..... 3
4.1.2 Ricerca manuale del codice TV ..... 3
4.1.3 Identificazione del codice TV in uso ..... 3
4.1.4 Programmazione tramite apprendimento ..... 4
4.1.5 Cancellazione dei codici TV ..... 4
4.2 Programmazione del tasto STB ..... 4
4.2.1 Cambio codice STB ..... 4
4.2.2 Ricerca manuale del codice STB ..... 5
4.2.3 Identificazione del codice STB in uso ..... 5
4.2.4 Programmazione tramite apprendimento ..... 5
4.2.5 Cancellazione dei codici STB ..... 6
5 Guida rapida ..... 6
6 Guida alla risoluzione dei problemi ..... 8

**NOTA**

Consulta la guida online sul sito http://www.telesystem.it/AllinOneV02 per verificare la corretta corrispondenza nella mappatura dei tasti del tuo decoder o TV TELE System.

# 1 Norme di sicurezza

Per un utilizzo sicuro dell'apparecchio, e per la vostra incolumità, leggere attentamente i seguenti consigli riguardanti le misure di sicurezza.

LIQUIDI

- Tenere il prodotto lontano da qualsiasi tipo di liquido. Non collocare sull'apparecchio oggetti contenenti liquidi come vasi, umidificatori ecc. Esso non deve essere posizionato in luoghi in cui possa venire a contatto con spruzzi o schizzi di liquidi o in ambienti con alto tasso di umidità dove possano formarsi condense.
- Nel caso in cui il telecomando venga accidentalmente in contatto con liquidi, togliere immediatamente le batterie.

PULIZIA

- Per pulire la pulizia del telecomando, usare un panno morbido e asciutto o leggermente inumidito d'acqua. Evitare l'uso di prodotti chimici o solventi.

ATTENZIONE

- Evitate di appoggiare il telecomando vicino a fonti di calore (termosifoni, stufe, ecc) o sopra ad altre apparecchiature che producono calore (videoregistratori, lettori DVD, ecc).
- Tenere il prodotto fuori dalla portata dei bambini.
- Gli imballaggi in plastica possono essere pericolosi. Per tutelare l'incolumità dei minori si consiglia di tenere gli imballaggi fuori dalla portata dei bambini.
- Non esporre il telecomando alla luce diretta del sole.



- Il simbolo del bidone dei rifiuti sbarrato indica che è vietato disperdere il prodotto nell'ambiente o gettarlo nei rifiuti urbani misti. Chi disperde questo prodotto nell'ambiente o lo getta insieme ai rifiuti comuni è sanzionabile secondo la normativa vigente.
- Il prodotto (ivi comprese le batterie) non più utilizzato deve essere conferito presso uno dei centri autorizzati:
    - Centro di raccolta autorizzato a gestire rifiuti di apparecchiature elettriche ed elettroniche;
    - Centro di raccolta differenziata predisposto dalle amministrazioni comunali;
    - In concomitanza all'acquisto di un prodotto di tipo equivalente, presso i rivenditori di apparecchiature elettriche o elettroniche;
    - A titolo gratuito, solo per gli apparecchi provenienti da nuclei famigliari e di piccole dimensioni (inferiori ai 25 cm), presso i rivenditori di apparecchiature elettriche o elettroniche che forniscono il servizio di ritiro.
- Un corretto smaltimento del prodotto consente di evitare potenziali conseguenze negative per l'ambiente e la salute umana, permette inoltre di facilitare il riciclaggio dei componenti/materiali contenuti in esso, con un conseguente risparmio di energia e risorse.
- Il produttore istituisce un sistema di recupero dei RAEE (Rifiuti di Apparecchiature Elettriche ed Elettroniche) oggetto di raccolta separata e sistemi di trattamento avvalendosi di impianti conformi alle disposizioni vigenti in materia.

**NOTA**

A causa di errori o aggiornamenti volti al miglioramento continuo del prodotto, alcune caratteristiche descritte nel presente manuale, potrebbero non corrispondere al prodotto contenuto nella confezione.

# 2 Informazioni di base

Dopo aver completato la procedura di programmazione del telecomando universale SEMPLICE sarà possibile far funzionare un massimo di 2 dispositivi diversi: televisore e decoder (oppure, in sostituzione di uno dei due e tramite la funzione di apprendimento, un lettore DVD/HDD/recorder o VCR. Una volta terminata la programmazione, il telecomando funzionerà come quello originale, quantomeno limitatamente alle funzioni principali, quali accensione e spegnimento, regolazione del volume audio e cambio canale.




1. **LED**: indicatore di stato durante la programmazione
2. **TV**: premere brevemente per entrare in modo "controllo TV"
   premere per più di 3 secondi per la programmazione
3. **STB**: premere brevemente per entrare in modo "controllo STB"
   premere per più di 3 secondi per la programmazione
4. **SOURCE**: tasto riservato alla programmazione

**NOTA**

Nei manuale viene usato l'acronimo STB (Set Top Box) per indicare il decoder.

# 3 Utilizzo del telecomando

Per comandare il decoder o il televisore, premere i rispettivi tasti funzione STB o TV e puntare il telecomando verso il sensore IR del dispositivo interessato. Alla trasmissione di ogni commando infrarosso, l'indicatore LED del telecomando si illuminerà.

# 4 Programmazione del telecomando

## *4.1 Programmazione del tasto TV*

### 4.1.1 Cambio codice TV

I codici TV predefiniti si trovano nella lista allegata alle presenti istruzioni (allegato **TV/STB List**). Identificare prima la marca del televisore da comandare, poi seguire i passi qui sotto elencati:

1. Accendere il televisore da comandare.
2. Tener premuto il tasto **TV** per più di 3 secondi fino a che l'indicatore **LED** del telecomando rimarrà acceso.
3. Digitare il codice a 4 cifre corrispondente alla marca del televisore da comandare servendosi dei tasti numerici 0÷9.
4. Se il codice inserito è valido, il **LED** si spegnerà.

   **ATTENZIONE**

   Se viene immesso un codice non valido, il tasto LED lampeggerà velocemente tre volte e poi si spegnerà. In tal caso, la programmazione terminerà (ricominciare dal punto 2).
5. Verificare che il televisore risponda correttamente alla pressione dei tasti del telecomando, almeno limitatamente alle funzioni di base. Se così non fosse, ripetere la programmazione del tasto **TV** servendosi di un altro codice, tra quelli in lista, dedicati alla marca del televisore interessato (riprendere dal punto 2).

Se la marca non è presente in lista o nessuno dei codici predefiniti permette di comandare il televisore, provare ad individuare o definire un programma consono seguendo uno dei metodi descritti di seguito.

### 4.1.2 Ricerca manuale del codice TV

1. Accendere il televisore da comandare.
2. Puntare il telecomando verso il sensore IR del televisore e mantenerlo puntato per tutta la procedura.
3. Tener premuto il tasto **TV** per più di 3 secondi fino a quando l'indicatore LED del telecomando rimarrà acceso.
4. Premere in successione il tasto **PROG+**. Ad ogni pressione verrà provato uno dei diversi codici predefiniti.
5. Se necessario premere il tasto **PROG-** per tornare al codice precedente.
6. Non appena il televisore risponderà propriamente al comando, spegnendosi o cambiando canale (in coerenza con il tasto premuto), premere il tasto **OK** per la memorizzazione del codice. Il LED quindi si spegnerà.

Verificare che il televisore risponda correttamente alla pressione degli altri tasti del telecomando, almeno limitatamente alle funzioni di base. In caso negativo, riprendere la ricerca di un codice appropriato ripetendo la procedura (riprendere dal punto 2).

### 4.1.3 Identificazione del codice TV in uso

L'identificazione del codice permette di riconoscere il codice TV correntemente utilizzato dal telecomando. Procedere come segue:

1. Tener premuto il tasto **TV** per più di 3 secondi fino a quando l'indicatore **LED** del telecomando rimarrà acceso.
2. Premere il tasto **STB** per circa 3 secondi, poi rilasciarlo.
3. Per trovare la prima cifra del codice TV a quattro cifre, selezionare i tasti numerici da **0** a **9** fino a che l'indicatore LED del telecomando emetta un singolo lampeggio. La cifra che fa eseguire il lampeggio corrisponde a quella ricercata.
4. Per ricercare la seconda, la terza e la quarta cifra del codice, ripetere quanto descritto al precedente punto 3.
5. Dopo il rilevamento dell'ultima cifra, l'identificazione dell'intero codice TV è terminato ed il LED si spegnerà.

**NOTA**

Se il tasto **TV** non è ancora stato programmato o il telecomando è stato resettato (par. 4.1.5), verrà rilevato il codice 0000.

### 4.1.4 Programmazione tramite apprendimento

I codici TV elencati nell'allegato **TV/STB List** forniscono già le funzioni di base per comandare il televisore. È comunque possibile estendere i programmi associati ai codici TV predefiniti grazie alla funzione Apprendimento. Per usufruire della programmazione ad Apprendimento, è necessario disporre del telecomando originale del televisore. Utilizzare batterie nuove in entrambi i telecomandi.

1. Tener premuto il tasto **TV** per più di 3 secondi, l'indicatore **LED** del telecomando rimarrà acceso.
2. Premere il tasto **SOURCE** per circa 3 secondi, finché il **LED** inizierà a lampeggiare, quindi rilasciarlo.
3. Puntare il trasmettitore del telecomando originale del televisore verso il sensore IR del telecomando ALL.IN.ONE, ad una distanza di circa 3 centimetri. Assicurarsi che i due sensori IR siano allineati per tutta la procedura.
4. Esercitare una singola pressione sul tasto del telecomando ALL.IN.ONE che si desidera programmare: il LED resterà costantemente acceso.
5. Eseguire una semplice pressione del tasto del telecomando originale del televisore, corrispondente alla funzione da associare al tasto del telecomando ALL.IN.ONE selezionato al punto precedente. A comando acquisito, il **LED** del telecomando ALL.IN.ONE tornerà a lampeggiare ed il telecomando rimarrà in attesa della prossima acquisizione. L'acquisizione non è immediata e può richiedere 4-5 secondi.
6. Ripetere i due passi precedenti, 4 e 5, per tutti i tasti da programmare.
7. Terminata la programmazione di tutti i tasti desiderati, premere il tasto **TV** per memorizzare il programma ed uscire dalla modalità di apprendimento.

**AVVERTENZE**

- I singoli tasti programmati mediante funzione di apprendimento manterranno sempre la funzione associata durante tale programmazione, anche se verrà cambiato il codice TV scegliendolo tra quelli predefiniti. Per cancellare la funzione appresa, si dovrà procedere ad una cancellazione dei codici TV del telecomando, come descritto nel paragrafo 4.1.5.
- Prima di eseguire la programmazione ad apprendimento, si consiglia di usare batterie nuove per entrambi i telecomandi.
- I tasti **TV**, **STB**, **LED** e **SOURCE** non sono programmabili tramite apprendimento.

### 4.1.5 Cancellazione dei codici TV

In caso di necessità, è possibile effettuare un reset della programmazione effettuata sul tasto TV.

1. Tener premuto il tasto **TV** per più di 3 secondi fino a quando l'indicatore **LED** del telecomando rimarrà acceso.
2. Premere il tasto **SOURCE** per circa 3 secondi, finché il **LED** inizierà a lampeggiare, quindi rilasciarlo.
3. Premere di nuovo il tasto **SOURCE** sino allo spegnimento dell'indicatore **LED**: il reset è avvenuto.

**NOTA**

Il reset ripristinerà i programmi/codici TV predefiniti dalla fabbrica, riportando il programma TV al valore 0000 ed eliminando l'eventuale programmazione dei tasti tramite apprendimento. In questa condizione il telecomando non trasmette nessun segnale infrarosso.

## *4.2 Programmazione del tasto STB*

### 4.2.1 Cambio codice STB

I codici STB predefiniti si trovano nella lista allegata alle presenti istruzioni (vedi allegato **TV/STB List**).

1. Accendere il decoder da comandare.
2. Tener premuto il tasto **STB** per più di 3 secondi fino a che l'indicatore **LED** del telecomando rimarrà acceso.
3. Digitare il codice a 4 cifre corrispondente alla marca del decoder da comandare servendosi dei tasti numerici 0÷9.
4. Se il codice inserito è valido, il **LED** si spegnerà.

**ATTENZIONE**

Se viene immesso un codice non valido, il tasto **LED** lampeggerà velocemente tre volte e poi si spegnerà. In tal caso, la programmazione terminerà (ricominciare dal punto 2).

5. Verificare che il decoder risponda propriamente alla pressione dei tasti del telecomando, almeno limitatamente alle funzioni di base. Se così non fosse, ripetere la programmazione del tasto **STB** servendosi di un altro codice (riprendere dal punto 2).

Se la marca non è presente in lista o nessuno dei codici predefiniti permette di comandare il decoder, provare ad individuare o definire un programma consono seguendo uno dei metodi descritti di seguito.

### 4.2.2 Ricerca manuale del codice STB

1. Accendere il decoder da comandare.
2. Puntare il telecomando verso il sensore IR del decoder e mantenerlo puntato per tutta la procedura.
3. Tener premuto il tasto **STB** per più di 3 secondi fino a quando l'indicatore **LED** del telecomando rimarrà acceso.
4. Premere in successione il tasto **PROG+** ad ogni pressione verrà provato uno dei diversi codici predefiniti)
5. Se necessario premere il tasto **PROG-** per tornare al codice precedente.
6. Non appena il decoder risponderà propriamente al comando, spegnendosi o cambiando canale (in coerenza con il tasto premuto), premere il tasto **OK** per la memorizzazione del codice. Il **LED** quindi si spegnerà.

Verificare che il decoder risponda propriamente alla pressione degli altri tasti del telecomando, almeno limitatamente alle funzioni di base. In caso negativo, riprendere la ricerca di un codice appropriato ripetendo la procedura (riprendere dal punto 2).

### 4.2.3 Identificazione del codice STB in uso

L'identificazione del codice permette di riconoscere il codice STB correntemente utilizzato dal telecomando. Procedere come segue:

1. Tener premuto il tasto **STB** per più di 3 secondi fino a quando l'indicatore **LED** del telecomando rimarrà acceso.
2. Rilasciare il tasto.
3. Premere nuovamente il tasto **STB** per circa 3 secondi, poi rilasciarlo.
4. Per trovare la prima cifra del codice STB a quattro cifre, selezionare i tasti numerici da **0** a **9** fino a che l'indicatore **LED** del telecomando emetta un singolo lampeggio. La cifra che fa eseguire il lampeggio corrisponde a quella ricercata.
5. Per ricercare la seconda, la terza e la quarta cifra del codice, ripetere quanto descritto al precedente punto 3.
6. Dopo il rilevamento dell'ultima cifra, l'identificazione dell'intero codice STB è terminato ed il LED si spegnerà.

**NOTA**

Se il tasto **STB** non è ancora stato programmato o il telecomando è stato resettato (par. 4.1.5), verrà rilevato il codice 0000.

### 4.2.4 Programmazione tramite apprendimento

I codici TV elencati nell'allegato **TV/STB List** forniscono già le funzioni di base per comandare il televisore. È comunque possibile estendere i programmi associati ai codici TV predefiniti grazie alla funzione Apprendimento. Per usufruire della programmazione ad Apprendimento, è necessario disporre del telecomando originale del televisore. Utilizzare batterie nuove in entrambi i telecomandi.

1. Tener premuto il tasto **STB** per più di 3 secondi, **LED** del telecomando rimarrà acceso.
2. Premere il tasto **SOURCE** per circa 3 secondi, finché il **LED** inizierà a lampeggiare, quindi rilasciarlo.
3. Puntare il trasmettitore del telecomando originale del decoder verso il sensore IR del telecomando ALL.IN.ONE, ad una distanza di circa 3 centimetri. Assicurarsi che i due sensori IR siano allineati per tutta la procedura.
4. Esercitare una singola pressione sul tasto del telecomando ALL.IN.ONE che si desidera programmare: il LED resterà costantemente acceso.
5. Eseguire una semplice pressione del tasto del telecomando originale del decoder, corrispondente alla funzione da associare al tasto del telecomando ALL.IN.ONE selezionato al punto precedente. A comando acquisito, il **LED** del telecomando ALL.IN.ONE tornerà a lampeggiare ed il telecomando rimarrà in attesa della prossima acquisizione. L'acquisizione non è immediata e può richiedere anche 4-5 secondi.
6. Ripetere i due passi precedenti, 4 e 5, per tutti i tasti da programmare.
7. Terminata la programmazione di tutti i tasti desiderati, premere il tasto **STB** per memorizzare il programma ed uscire dalla modalità di apprendimento

**AVVERTENZE**

I singoli tasti programmati mediante funzione di apprendimento manterranno sempre la funzione associata durante tale programmazione, anche se se verrà cambiato il codice STB scegliendolo tra quelli predefiniti. Per cancellare la funzione appresa, si dovrà procedere ad un ripristino ai valori di fabbrica (reset) del telecomando, come descritto nel paragrafo 4.1.5.

- Prima di eseguire la programmazione ad apprendimento, si consiglia di usare batterie nuove per entrambi i telecomandi.
- I tasti **TV**, **STB** e **SOURCE** non sono programmabili tramite apprendimento.

### 4.2.5 Cancellazione dei codici STB

In caso di necessità, è possibile effettuare un reset della programmazione effettuata sul tasto STB.

1. Tener premuto il tasto **STB** per più di 3 secondi fino a quando l'indicatore **LED** del telecomando rimarrà acceso.
2. Premere il tasto **SOURCE** per circa 3 secondi, finché il **LED** inizierà a lampeggiare, quindi rilasciarlo.
3. Premere di nuovo il tasto **SOURCE** sino allo spegnimento dell'indicatore **LED**: il reset è avvenuto.

**NOTA**

Il reset ripristinerà i programmi/codici STB predefiniti dalla fabbrica, riportando il programma STB al valore 0000 ed eliminando l'eventuale programmazione dei tasti tramite apprendimento. In questa condizione il telecomando non trasmette nessun segnale infrarosso.

# 5 Guida rapida

**Impostazione di un codice TV**




**Impostazione di un codice STB**



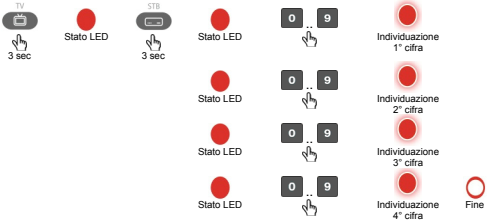

**Cancellazione dei codici TV**



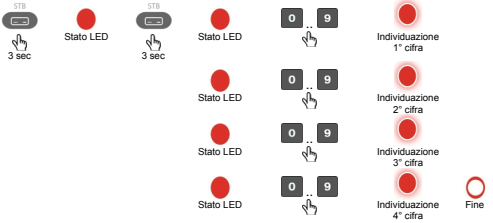

**Cancellazione dei codici STB**



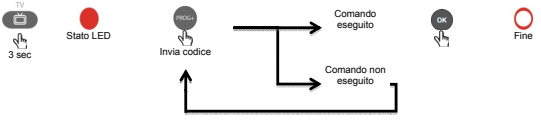
## Identificazione del codice TV in uso



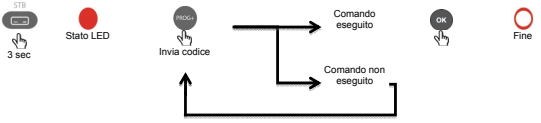

## Identificazione del codice STB in uso




## Ricerca manuale del codice TV




## Ricerca manuale del codice STB




## Programmazione tramite la funzione di apprendimento (TV)




## Programmazione tramite la funzione di apprendimento (STB)



# 6 Guida alla risoluzione dei problemi

| PROBLEMA | POSSIBILI CAUSE | COSA FARE |
|---|---|---|
| Il telecomando non funziona. | -Il ricevitore o il televisore sono in standby. | -Premere il pulsante ON/ST.BY sul dispositivo per verificarne il buon funzionamento. |
| | -Utilizzo del telecomando in modalità errata. | - Premere il tasto corrispondente all'apparecchio che si vuole controllare e verificare il funzionamento |
| | -Il telecomando non è puntato correttamente verso il sensore infrarossi del ricevitore. | -Verificare che non vi siano ostacoli davanti al pannello frontale. |
| | -Le batterie sono scariche. | -Sostituire le batterie. |
| | -Le batterie sono cariche ma non inserite nel verso corretto. | -Controllare il corretto inserimento delle batterie. |
| | -Il telecomando vi è caduto e i componenti interni si sono danneggiati. | -Rivolgersi al proprio rivenditore per l'acquisto di un nuovo telecomando. |
| Uno o più pulsanti non funziona | -I pulsanti non sono stati pre-programmati | - Programmare i pulsanti tramite la funzione di apprendimento (vedi par. 4.1.4 o 4.2.4) |
| | - I pulsanti sono stati programmati tramite la funzione di apprendimento e successivamente è stato impostato un codice TV (STB) | -Effettuare la cancellazione dei codici TV/STB (vedi par. 4.1.5 e 4.2.5) e procedere con una nuova programmazione. |

**AVVERTENZE**

Data la presenza nel mercato di un largo numero di dispositivi TV non è possibile garantire la compatibilità con tutti i televisori presenti sul mercato.

# Index

1 Bezpieczeństwo ..... 2
2 Podstawowe informacje ..... 3
3 Użytkowanie ..... 3
4 Programowanie ..... 3
4.1 Programowanie przycisku TV ..... 3
4.1.1 Ustawienie przez kod marki TV ..... 3
4.1.2 Ustawienie przez wyszukiwanie ręczne ..... 3
4.1.3 Wyświetlanie kodów TV ..... 3
4.1.4 Ustawienie przez funkcję nauki ..... 4
4.1.5 Usuwanie kodów TV (Reset) ..... 4
4.2 Programowanie przycisków STB ..... 4
4.2.1 Ustawienie przez kod marki STB ..... 4
4.2.2 Ustawienie ręczne ..... 5
4.2.3 Wyświetlanie kodów marki STB ..... 5
4.2.4 Ustawienie przez funkcję nauki ..... 5
4.2.5 Usuwanie kodów STB(Reset) ..... 5
5 QSG ..... 6
6 Rozwiązywanie problemów ..... 8

**UWAGA**

Należy sprawdzić na stronie web www.telesystem.it/allinoneV02 zgodność przycisków pilota z TV lub odbiornika TELE System.

# 1 Bezpieczeństwo

Zaleca się dokladne zapoznanie z poniższą instrukcją obslugi.

PLYNY

- Trzymaj urządzenie z dala od płynów. Nie umieszczaj na urządzeniu obiektów zawierajacych płyny :wazony,nawilżacze etc. urządzenie .Nie umieszczać urzadzeni a w miejscach wystepowania pojemnikow pod ciśnieniem(spray) lub kropli wody i wilgotności.
- Jeśli pilot wejdzie w kontakt z płynami usunąć baterie.

OCZYSZCZANIE

- Do czyszczenia używać suchej,miękkiej szmatki,unikać kontaktu z produktami zawierajacymi związkl chemiczne.

UWAGA!

- Unikaj kontaktu odbiornika ze źródłami ciepła (i.e. radia, piece/kuchenki etc) oraz nie umieszczaj na tego typu urządzeniach (odtwarzacze video, DVD etc).
- Trzymaj urządzenie z dala od dzieci.
- Plastikowe opakowanie użyte do przechowywania może być niebezpieczne,trzymaj je z dala od dzieci.
- Nie wystawiaj pilota na bezpośrednie działanie promieni stonecznych
- Usuń baterie z pilota jeśli był nieużywany przez dłuższy okres.
- Użytkuj produkt zgodnie z przeznaczeniem oraz zasadami wytyczonymi wg norm zgodnymi dla zdrowia I środowiska,nieprzestrzeganie tych zasad podlega karze zgodnie z istniejącym prawem.
- Producent zaleca aby części ulegały recyklingowi osobno zgodnie z wymogami.



- Zbierz wyposażenie oraz akcesorai produktu ,gdy jest już nieużyteczny i zabierz do odpowiedniego punktu utylizacji .

**UWAGA**

Ze względu na aktualizacje zawartość instrukcji moze nie zgadzać się ze stanem faktycznym

# 2 Podstawowe informacje

Po zaprogramowaniu pilota uniwersalnego All.in.one można obsługiwać dwa rodzaje urządzeń: TV i dekoder (lub w miejsce 1 przy użyci ufinkcji Nauki : DVD / HDD / nagrywarkę lub VCR).
Po odpowiednim zaprogramowaniu do kotroli zestawu STB lub TV pilot będzie działał jak oryginalny pilot TV , z ograniczeniem do głównych funkcji , jak przełączanie między On/Standby , zmiana pogramu,głośność.

**UWAGA**
STB oznacza Set Top Box -wskazuje wyposażenie odbiornika

# 3 Użytkowanie

Naciśnij odpowiedni przycisk STB lub TV aby skontrolować odbiornik lub TV,kolejne skieruj pilot na urządzenie , LED zaświeci przy każdej transmisji IR.




1. **LED**: Led wykorzystywany w czasie ustawień
2. **TV**
   - naciśnij aby przejść w tryb TV
   - przytrzymaj dłużej niż 3 sekundy aby wejść w tryb ustawień
3. **STB**:
   - naciśnij aby wejść w tryb ustawień STB
   - przytrzymaj dłużej niż 3 sekundy aby wejść w tryb ustawień
4. **SOURCE**: tryb ustawień

# 4 Programowanie

## 4.1 Programowanie przycisku TV

### 4.1.1 Ustawienie przez kod marki TV

Domyślne kody TV są dołączone ( **TV/STB Lista**). Po określeniu marki TV postępuj jak poniżej:

1. Włącz zestaw TV
2. Naciśnij I przytrzymaj przycisk **TV** na 3 sekundy,uwolnij gdy tylko zaświeci się indykator **LED** .
3. Wprowadź 4-cyfrowy kod marki TV używajac przycisków 0÷9.
4. **LED** na pilocie wyłączy akceptując kod.

   **UWAGA**
   Jeśli kod jest niepoprawny LED 'zamruga' 3x i wyłączy się; w tym przypadku powtórz procedurę
5. Sprawdź funkcje przycisków pilota,jeśli są niepoprawne spróguj innego kodu z listy o tej samej marce TV postępując z godnie z pkt.1-5 .

Jeśli marka nie jest umieszczona na liście lub metoda nie powiodla się wypróbuj innego sposobu (poniżej)

### 4.1.2 Ustawienie przez wyszukiwanie ręczne

1. Włącz zestaw TV .
2. Trzymaj pilot skierowany w stronę zestawu TV w trakcie procedury
3. Naciśnij I przytrzymaj przycisk **TV** na 3 sekundy aż zaświeci się **LED** .
4. Naciśnij przycisk **PROG +** .
5. Jeśli konieczne naciśnij **PROG-** aby wznowić poprzedni kod
6. Jeśli zestaw Tv odpowie na komendę, przejście w tryb stand-by lub zmiana programu, naciśnij **OK** aby zapisać kod, **LED** wyłączy się.
7. Sprawdź czy pozostale przyciski funkcjonuja poprawnie,jeśli główne przyciski nie działają poprawnie powtórz procedurę od początku .

### 4.1.3 Wyświetlanie kodów TV

Aby zidentyfikować kod marki TV postępuj jak poniżej::

1. Naciśnij i przytrzymaj przycisk **TV** na 3 sekundy aż zaświeci się **LED** .
2. Naciśnij i przytrzymaj przycisk **STB** na 3 sekundy .

3. Aby znaleźć 1 cyfrę kodu użyj kolejno przycisków od 0 do 9 aż **LED** zamruga. Każde mrugnięcie **LED** odpowiada cyfrze kodu
4. Powtórz 3-krotnie procedurę powyżej aby odnaleźć 3 cyfry kodu
5. Po wykryciu całego kodu , **LED** wyłączy się.

**UWAGA**

Jeśli przcisk **TV** nie jest zaprogramowany i po resecie(par. 4.1.5), kod to 0000.

### 4.1.4 Ustawienie przez funkcję nauki

Funkcja nauki ma zastąpić domyślny program listy kodów TV ( **TV/STB Lista**), wymagany w pełni funkcjonalny oryginalny pilot zestawu TV oraz zaleca się wymianę baterii na nowe w oryginalnym pilocie oraz w pilocie który będzie w trybie Nauki.

1. Naciśnij i prztrzymaj przycisk **TV** pilota Nauki ,uwolnij przycisk gdy zaświeci **LED** .
2. Naciśnij i przytrzymaj przycisk **SOURCE** aż zamruga **LED** : pilot w trybie nauki.
3. Wyrównaj czujniki podczerwieni obydwu pilotów I trzymaj je w odległości ok.3cm w trakcie całej procedury
4. Naciśnij i uwolnij wybrany przycisk do zaprogramowania w trybie nauki: **LED** zaświeci się.
5. Naciśnij i przytrzymaj przycisk z oryginalnego pilota (odpowiedni do opisanego powyżej),jeśli zapisano komendę **LED** pilota "uczącego się" zacznie mrugać.

   **UWAGA**

   Zatwierdzenie procedury moze zająć kilka sekund.
6. Powtórz kroki z pkt4 I 5 dla innych przycisków
7. Po zakończeniu nauki naciśnij przycisk **TV** aby zapisać naukę z oryginalnego pilota i wyjdź z trybu nauki.

**UWAGA**

- Każdy przycisk zachowuje funkcję "nauczoną" nawet po zmianie kodu TV,aby odświeżyć procedurę wykonaj reset(patrz 4.1.5).
- Przyciski TV, STB, LED i SOURCE nie są programowalne

### 4.1.5 Usuwanie kodów TV (Reset)

Aby usunąć kody dla przyciskó TV postępuj jak ponizej:

1. Naciśnij i przytrzymaj przycisk **TV** pilota "uczącego się" uwolnij gdy **LED** włączy się.
2. Naciśnij i przytrzymaj przycisk **SOURCE** aż **LED** zacznie mrugać
3. Ponownie naciśnij I przytrzymaj przycisk **SOURCE** aż **LED** wyłączy się: wykonano reset

**CAUTION**

Reset usunie wszystkie "nauczone" funkcje I ustawi kod TV na 0000.;w tych warunkach brak emisji sygnału RCU

## 4.2 Programowanie przycisków STB

### 4.2.1 Ustawienie przez kod marki STB

Domyślne kody STB dołączone są w **Lista TV/STB**. Znajdź markę zestawu STB i postępuj następująco:

1. Przełącz na STB.
2. Naciśnij i przytrzymaj przycisk **STB** przez 3 sekundy;uwolnij gdy **LED** zaświeci się
3. Wprowadź 4-cyfrowy kod używajac przycisków 0÷9.
4. **LED** wyłączy się jeśli pilot zaakceptuje kod.

   **UWAGA**

   Jeśli kod jest niepoprawny LED 'zamruga' 3x i wyłączy się; w tym przypadku powtórz procedurę
5. Sprawdź funkcjonalność przycisków pilota jeśli nie działają poprawni ewypróbuj innego 4cyfrowego kodu STB tej samej marki powtarzajac kroki od 1 do 5(jak wyżej) .

Jeśli marka STB nie jest umieszczona na liście lub procedura nie powiodła się wypróbuj kolejnej metody(poniżej)

### 4.2.2 Ustawienie ręczne

1. Włącz STB.
2. Trzymaj pilot skierowany w stronę STB.
3. Naciśnij i przytrzymaj przycisk **STB** na 3 sekundy aż zaświeci się **LED** .
4. Naciśnij przycisk **PROG +** .
5. Jeśli konieczne naciśnij **PROG-** aby wznowić poprzedni kod
6. Jak tylko STB odpowie na komendę,przechodząc w tryb standby lu zmiana programu naciśnij **OK** aby zapisać kod. **LED** wyłączy się.
7. Sprawdź funkcjonalność pozostałych przycisków pilota;jeśli głowne przyciski nie działają poprawnie rozpocznij procedurę od początku.

### 4.2.3 Wyświetlanie kodów marki STB

Aby zidentyfikować kody marki STB przy użyciu pilota postępuj następujaco:

1. Naciśnij i przytrzymaj przycisk **STB** na 3 sekundy aż **LED** lzaświeci się.
2. Naciśnij i przytrzymaj przycisk **STB** na 3 sekundy I uwolnij przycisk.
3. W celu zdobyvia 1 cyfry kodu wybieraj kolejno przyciski numeryczne od 0 do 9 dopóki nie zamruga **LED** ;mrugnięcie **LED** odpowiada szukanej cyfrze
4. Powtórz 3krotnie krok powyzej w celu odnalezienia 3 pozostałych cyfr.
5. Po odnalezieniu ostatnije cyfry **LED** wyłączy się

**UWAGA**

Jeśli przycisk **STB** jest nieprogramowalny lub po resecie 4.2.5 , kod to 0000.

### 4.2.4 Ustawienie przez funkcję nauki

Funkcja nauki pozwala na zastąpienie domyślnego programu listy kodów STB (patrz dołączona **TV/STB Lista**), Pilot oryginalny w pełni funkcjonalny STB wymagany w użyciu. Zaleca się użycie nowych baterii dla oryginalnego pilota STB i "uczacego się"

1. Naciśnij i przytrzymaj przycisk **STB** "uczącego się" pilota. Uwolnij gdy **LED** włączy się.
2. Press and hold the **SOURCE** button until the **LED** starts flashing: now the remote control is in learning mode.
3. Wyrównaj sensory IR obydwu pilotow I trzymaj je w odległości ok 3 cm w trakcie całej procedury.
4. Naciśnij i uwolnij wybrany przycisk pilota nauki: **LED** zaświeci się.
5. Naciśnij przycisk oryginalnego pilota (odpowiadający wspomnianemu wyzej). Jeśli komenda zaakceptowana **LED** "uczącego się" pilota zacznie świecić.

   **UWAGA**

   Zatwierdzenie procedury może zająć kilka sekund.
6. Powtórz kroki 4 i 5 dla wszystkich przycisków aby zakończyć sukcesywnie naukę pilota
7. Po zakończeniu naciśnij przycisk **TV** aby zachować komendy oryginalnego pilota;opuść tryb nauki

**UWAGA**

- Każdy przycisk zachowuje"nauczone" funkcje nawet po zmianie kodu STB Aby przywrócić oryginalne funkcje przycisków wykonaj reset (patrz par.4.2.5).
- Przyciski TV, STB i SOURCE nie są programowalne

### 4.2.5 Usuwanie kodów STB(Reset)

Aby usunąć przypisane kody do przycisków STB, należy postępować następująco:

1. Naciśnij i przytrzymaj przycisk **STB** Nauki pilota. Uwolnij przycisk gdy **LED** wyłączy się.
2. Naciśnij i przytrzymaj przycis **SOURCE** aż **LED** zacznie świecić.
3. Naciśnij i znów przytrzymaj przycis **SOURCE** aż **LED** się wyłączy: wykonano reset.

**UWAGA**

Reset usunie zapisane dane i przywróci STB kod jako 0000;RCU -brak emisji sygnatu

# 5 QSG

**Ustawienie przez kod marki TV**




**Ustawienie przez kod marki STB**



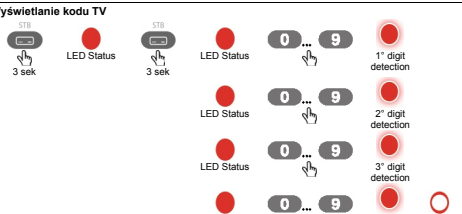

**Usuwanie kodu TV**



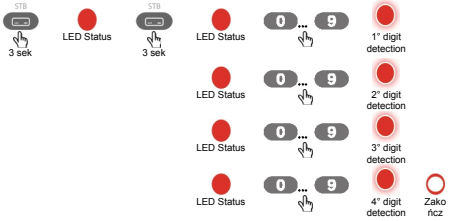

**Usuwanie kodu STB**



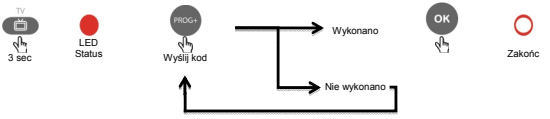

**Wyświetlanie kodu TV**



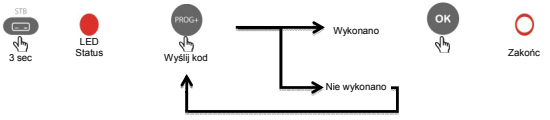
**Wyświetlanie kodu STB**




**Ustawienie przez ręczne wyszukiwanie(kod TV)**




**Ustawienie przez ręczne wyszukiwanie(kod STB)**




**Ustawienie przez funkcję nauki(TV)**




**Ustawienie przez funkcję nauki(STB)**



# 6 Rozwiązywanie problemów

| PROBLEM | PRAWDOPODOBNA PRZYCZYNA | ROZWIĄZANIE |
|---|---|---|
| Pilot nie działa | -Urządzenie w trybie Stand-by. | -Naciśnij przycisk STAND-BY aby sprawdzić poprawność działania urządzenia |
| | -Pilot nie zostal skierowany w stronę odbiornika. | -Upewnij się,że nic nie zasłania panelu przedniego |
| | -Zepsute baterie | -Zmień baterie |
| | -baterie umieszczono w nieodpowiedni sposób | -Sprawdź ułożenie baterii. |
| | -Pilot zostal upuszczony I elementy wewnętrzne ulegly uszkodzeniu | -Skontaktu jsię z lokalnym sprzedawcą I kup nowy pilot |
| | -Pilot użyty w nieodpowiednim trybie | -Naciśnij przycisk STB lub TV I zaobserwuj zachowanie urządzenia |
| Przyciski nie działają | -Przyciski nie przeprogramowane | -Zaprogramuj przyciski przy użyciu funkcji nauki (ref. 4.1.4 i/lub 4.2.4) |
| | - Przycisk izaprogramowano w funkcji nauki a następnie ustawiono kod TV lub STB | - Wykonaj reset kodu TV i/lub STB (ref. 4.1.5 i/lub 4.2.5) |

**UWAGA**

- **TV, LED, STB, SOURCE** przyciski nieprogramowalne w **trybie Auto nauki(Auto learning)**.
- Nie ma gwarancji na kompatybilność ze wszystkimi urządzeniami dostępnymi na rynku

# Índice


1 Normas de seguridad ..... 2
2 Información básica ..... 3
3 Cómo usar el mando a distancia ..... 3
4 Programación del mando a distancia ..... 3
4.1 Botón programación TV ..... 3
4.1.1 Programación con el código marca TV ..... 3
4.1.2 Programación con búsqueda manual ..... 3
4.1.3 Mostrar el código marca del TV ..... 4
4.1.4 Programación con funcion aprendizaje ..... 4
4.1.5 Códigos del TV para la eliminación (Reset) ..... 4
4.2 Botón STB de programación ..... 4
**4.2.1 Programación con código marca STB ..... 4**
4.2.2 Programación con búsqueda manual ..... 5
4.2.3 Mostrar el código marca STB ..... 5
4.2.4 Programación con funcion aprendizaje ..... 5
**4.2.5 Códigos STB para eliminación (Reset) ..... 6**
5 Solución des problemas ..... 6
6 QSG ..... 7


**ATENCIÓN**

Tome en consideración la guía de la página web http://www.telesystem.it/allinoneV02 para comprobar la correspondencia entre las claves del mando a distancia universal y las claves de su TV o Set top box TELE System.

# 1 Normas de seguridad

Le aconsejamos leer atentamente los siguientes consejos sobre normas de seguridad para asegurar un uso seguro del aparato.

LIQUIDOS

- Mantenga el aparato lejos de cualquier líquido. No coloque ningún objeto que contenga líquidos sobre el aparato, como jarrones, humidificadores, etc. El aparato no debe instalarse en una zona donde pueda entrar en contacto con sprays o gotas de agua o en un ambiente con un nivel alto de humedad donde pueda crearse condensación.
- Si el mando a distancia entrara en contacto con líquidos, saque inmediatamente las pilas.

LIMPIEZA

- Para limpiar la parte externa del mando a distancia use un paño suave y seco o ligeramente húmedo. Evite usar productos que contengan productos químicos o disolventes.

¡ADVERTENCIAS!

- Evite apoyar el receptor cerca de cualquier fuente de calor (p.ej., radiadores, estufas, etc.) o sobre cualquier otro tipo de aparatos que emitan calor (aparatos de video, DVD, etc.).
- Tenga el aparato fuera del alcance de los niños.
- Las bolsas de plástico usadas para empaquetar pueden ser peligrosas. Para evitar la asfixia tenga las bolsas fuera del alcance de los niños.
- No exponga el mando a distancia a la luz del sol.
- Saque las pilas del mando a distancia si no se van a utilizar durante un periodo de tiempo largo. El mando a distancia podría dañarse con cualquier tipo de fuga del contenido de las pilas.
- Coloque el aparato de manera adecuada para evitar dañar el medio ambiente y la salud humana así como para facilitar el reciclaje de las partes/materiales usados en el aparato. Si el producto no se usa adecuadamente podría ser punible por las leyes correspondientes.



- Los productores recomiendan que las partes se reciclen separadamente y se depositen en sitios adecuados según la normativa vigente.
- Lleve el producto, incluyendo sus accesorios y las pilas, cuando ya no se puedan utilizar a un punto de recogida autorizado para la manipulación de desperdicios de aparatos eléctricos o electrónicos que deban separarse de desperdicios domésticos normales.

**ATENCIÓN**

A causa de errores o actualizaciones debidas a continuas mejoras del producto, algunas caracterícticas descritas en este manual pueden no coincidir con el producto del paquete.

# 2 Información básica

Después de completar el proceso de programación del mando a distancia universal All.in.one, puede usar como máximo 2 dispositivos diferentes: TV y descodificador (o en lugar de uno de los dos y usar la función aprendizaje, un DVD / HDD / grabadora o VCR).
Después de haber programado adecuadamente la unidad de mando a distancia para controlar el STB o el equipo de TV, funcionará como el mando a distancia original del equipo de TV, limitado en algunas funciones como el Encendido(On)/pausa (Standby) , ajustes del volumen del audio y cambio de canal.

**ATENCIÓN**

En el siguiente capítulo usamos el acrónimo STB que significa Set Top Box para indicar el equipo receptor.

# 3 Cómo usar el mando a distancia

Presione el botón adecuado STB o TV para controlar respectivamente el receptor o el equipo de TV, seguidamente apunte el mando a distancia hacia el sensor IR del dispositivo deseado. Por cada transmisión IR, el indicador LED parpadeará.




① ② ③ ④

1. **LED**: marcador Led usado durante la programación
2. **TV**
   - presione por poco tiempo para entrar en el modo de control TV
   - presione más de 3 segundos para entrar en el modo programación
3. **STB**
   - presione por poco tiempo para entrar en el modo de control STB
   - presione más de 3 segundos para entrar en el modo programación
4. **SOURCE**: reservado para el modo programación

# 4 Programación del mando a distancia

## *4.1 Botón programación TV*

### 4.1.1 Programación con el código marca TV

Los códigos marca TV de fábrica aparecen en ( vea el anexo **TV/STB List**.). Mire la marca de su equipo de TV, seguidamente siga estos pasos:

1. Encienda el TV.
2. Presione el botón **TV** por 3 segundos. Suéltelo tan pronto como el indicador LED se ilumine.
3. Introduzca los 4 dígitos del código marca TV usando los números del 0 al 9.
4. El **LED** se apagará si el mando a distancia acepta el código.

   **ATENCIÓN**

   Si el código es erróneo, el LED parpadeará 3 veces y se apagará, en este caso, repita el proceso.
5. Controle las funciones de los botones del mando a distancia. Si no funcionan correctamente, intente otros 4 dígitos del código TV de la lista de la misma marca repitiendo los pasos del 1 al 5 hasta que todas las funciones básicas funcionen correctamente.

Si la marca del TV no aparece en la lista o la programación no resulta con éxito, intente el siguiente método.

### 4.1.2 Programación con búsqueda manual

1. Encienda el TV.
2. Mantenga el mando a distancia apuntado hacia su TV durante todo el proceso.
3. Presione el botón del **TV** por 3 segundos hasta que el **LED** se ilumine.
4. Presione **PROG+** botón progresivamente.
5. Si es necesario, presione **PROG–** para recuperar el código anterior.

6. Tan pronto como el TV responda a la orden, poniéndose en pausa (Standby) o cambiando de canal, presione el botón **OK** para guardar el código. El **LED** se apagará.
7. Controle si los otros botones del mando a distancia funcionan adecuadamente. Si la mayoría de los botones no funciona correctamente, repita el proceso empezando desde el primer paso.

### 4.1.3 Mostrar el código marca del TV

Para identificar el código marca del TV usado por el mando a distancia, siga los siguientes pasos:

1. Presione el botón **TV** por 3 segundos hasta que el **LED** se ilumine.
2. Presione el botón **STB** por 3 segundos y luego suéltelo.
3. Para obtener el primer dígito del código, presione singularmente el botón numérico desde el 0 hasta el 9 hasta que el **LED** parpadee una vez. El número que ilumina el **LED** coincide con el dígito buscado.
4. Repita los pasos anteriores 3 veces para encontrar los restantes 3 dígitos del código.
5. Después de obtener el ultimo dígito del código, el **LED** se apagará.

**ATENCIÓN**

Cuando el botón TV no se ha programado o después de eliminar (reset) (párr.4.1.5), el código es 0000.

### 4.1.4 Programación con funcion aprendizaje

La función aprendizaje se usa para aumentar los programas de fábrica de la lista de códigos estándar del TV (vea el anexo **TV/STB List**), gracias a la función aprendizaje. Es necesario un mando a distancia del TV completamente original. Por favor use pilas nuevas para el mando a distancia original del TV y para el mando a distancia Aprendizaje.

1. Presione el botón **TV** del mando a distancia Aprendizaje. Suéltelo cuando el **LED** se encienda.
2. Presione el botón **SOURCE** hasta que el **LED** empiece a parpadear: ahora el mando a distancia está en modo aprendizaje.
3. Alínee los sensores IR de ambos mandos a distancia y manténgalos a una distancia cercana ( unos 3 cm) durante todo el proceso.
4. Presione y suelte el botón elegido del mando a distancia Aprendizaje que quiera programar: el LED se iluminará.
5. Presione el botón del mando a distancia original que coincida con el botón mencionado en el paso anterior. Si la orden se acepta, el LED del mando a distancia Aprendizaje volverá a parpadear.

   **ATENCIÓN**

   La conexión no es inmediata, puede tardar algunos segundos.
6. Repita los pasos 4 y 5 para los demás botones para aprender a partir del mando a distancia original.
7. Cuando termine de leer todos los botones necesarios, presione el botón **TV** para guardar todas las órdenes que ha aprendido del mando a distancia original y salga del modo aprendizaje.

**ADVERTENCIAS**

- Cada botón mantiene la función aprendida incluso después de cambiar el código de programa del TV. Para restablecer la función original de los botones, haga eliminar(reset) (vea 4.1.5).
- Los botones **TV, STB, LED** y **SOURCE** no se pueden programar.

### 4.1.5 Códigos del TV para la eliminación (Reset)

Para eliminar todo el set de códigos para el botón TV, haga lo siguiente:

1. Presione el botón **TV** del mando a distancia Aprendizaje. Suéltelo cuando el **LED** se apague.
2. Presione el botón **SOURCE** hasta que el **LED** empiece a parpadear.
3. Presione otra vez el botón **SOURCE** hasta que el **LED** se apague: la eliminación(reset) ha sido efectuada.

**ATENCIÓN**

Una eliminación cancelará cualquier función aprendida y recuperará el código del TV 0000. Durante esta condición, el RCU no emite ninguna señal.

## *4.2 Botón STB de programación*

### 4.2.1 Programación con código marca STB

Los códigos marca STB aparecen en el anexo **TV/STB List**. Mire la marca de su equipo STB, seguidamente siga estos pasos:

1. Encienda el STB.
2. Presione el botón **STB** por 3 segundos. Suéltelo tan pronto como el indicador del LED se ilumine.
3. Introduzca los 4 dígitos del código marca del STB usando los números del 0 al 9.
4. El **LED** se apagará si el mando a distancia acepta el código.

**ATENCIÓN**

Si el código es erróneo, el LED parpadeará 3 veces y se apagará; en este último caso, repita el proceso.

5. Controle las funciones de los botones del mando a distancia. Si no funcionan correctamente, intente otros 4 dígitos del código STB de la lista de la misma marca repitiendo los pasos del 1 al 5 hasta que todas las funciones básicas funcionen correctamente.

Si la marca STB no aparece en la lista o la programación resulta insatisfactoria, intente el siguiente método.

## 4.2.2 Programación con búsqueda manual

1. Encienda el STB
2. Mantenga apuntado el mando a distancia hacia su STB durante todo el proceso.
3. Presione el botón del **STB** por 3 segundos hasta que el **LED** se ilumine.
4. Presione el botón de **PROG+** seguidamente.
5. Si es necesario, presione **PROG–** para recuperar el código anterior.
6. Tan pronto como el STB responda a la orden, poniéndose en pausa (Standby) or cambiando de canal, presione el botón **OK** para guardar el código. El **LED** se apagará.
7. Controle si los demás botones del mando a distancia funcionan adecuadamente. Si la mayoría de los botones no funciona correctamente, repita el proceso empezando desde el primer paso.

## 4.2.3 Mostrar el código marca STB

Para identificar el código marca STB que usa el mando a distancia, siga los siguientes pasos:

1. Presione el botón **STB** por 3 segundos hasta que el LED se ilumine.
2. Presione el botón **STB** por 3 segundos, después suéltelo.
3. Para obtener el primer dígito del código, presione singularmente el botón númerico del 0 al 9 hasta que el **LED** parpadee una vez. El número que ilumine el **LED** coincide con el dígito buscado.
4. Repita el paso anterior 3 veces para encontrar los restantes tres dígitos del código.
5. Después de obtener el último dígito del código, el LED se apagará.

**ATENCIÓN**

Cuando el botón STB no se programa o después de una eliminación(reset) como en 4.2.5, el código es 0000.

## 4.2.4 Programación con funcion aprendizaje

La función aprendizaje se usa para aumentar los programas de fábrica del código estándar STB de la lista (vea el anexo **TV/STB List**), gracias a la función Aprendizaje. Es necesario un mando a distancia STB original completamente funcional. Por favor use pilas nuevas para el mando a distancia STB original y para el mando a distancia Aprendizaje.

1. Presione el botón **STB** del mando a distancia Aprendizaje. Suéltelo cuando el **LED** se encienda.
2. Presione el botón **SOURCE** hasta que el **LED** empiece a parpadear: ahora el mando a distancia está en el modo aprendizaje.
3. Alínee los sensores IR de los dos mandos a distancia y manténgalos a una distancia cercana ( unos 3 cm) durante todo el proceso.
4. Presione y suelte el botón seleccionado del mando a distancia Aprendizaje que quiera programar: el **LED** se iluminará.
5. Presione el botón del mando a distancia original que coincida con el botón mencionado en el paso anterior. Si la orden se acepta, el **LED** del mando a distancia Aprendizaje volverá a empezar a parpadear. La conexión no es inmediata, puede tardar algunos segundos.
6. Repita los pasos 4 y 5 para los demás botones, para aprender a partir del mando a distancia original.
7. Cuando termine de leer todos los botones necesarios, presion el botón **TV** para guardar todas las órdenes que ha aprendido del mando a distancia original y salga del modo aprendizaje.

**ADVERTENCIAS**

- Cada botón mantiene la función aprendida incluso después de cambiar el código del programa STB. Para restablecer la función original de los botones, haga una eliminación (reset) (vea párr.4.2.5.).
- Los botones **TV**, **STB** y **SOURCE** no se pueden programar.

### 4.2.5 Códigos STB para eliminación (Reset)

Para eliminar todo el set de códigos del botón STB, haga lo siguiente:

1. Presione el botón STB del mando a distancia Aprendizaje. Suéltelo cuando el LED se encienda.
2. Presione el botón **SOURCE** hasta que el LED empiece a parpadear.
3. Presione otra vez el botón **SOURCE** hasta que el LED se apague: la eliminación (reset) ha sido efectuada.

**ATENCIÓN**

Una eliminación cancelará cualquier función aprendida y recuperará el código STB 00000. En esta condición, el RCU no emite ninguna señal.

# 5 Solución des problemas

| PROBLEMA | POSIBLE CAUSA | SOLUCIÓN |
|---|---|---|
| El mando a distancia no funciona. | -El aparato está en Standby.<br><br>-El mando a distancia no se está apuntando directamente hacia el receptor.<br>-Las pilas del mando a distancia están bajas.<br>-Las pilas han sido introducidas en la dirección equivocada.<br>-El mando a distancia se ha caído y sus partes internas han sido dañadas.<br>-Uso del modo erróneo del mando a distancia | -Presione el botón STAND BY del aparato para comprobar si el dispositivo está funcionando adecuadamente.<br>-Compruebe que no haya nada que obstruya el panel frontal.<br>-Cambie las pilas.<br>-Cambie los polos de las pilas.<br><br>-Contacte el vendedor local y compre un mando a distancia nuevo.<br><br>-Presione el botón STB o TV y compruebe la respuesta del dispositivo. |
| Algunos botones no funcionan | -Los botones no han sido programados con antelación.<br><br>-Los botones han sido programados con la función aprendizaje y luego un código TV o STB ha sido programado. | -Programe los botones usando la función aprendizaje (ref. 4.1.4 y/o 4.2.4)<br><br>-Haga una eliminación (reset) del código TV y/o del STB (ref. 4.1.5 y/o 4.2.5). |

**ATENCIÓN**

- Las claves para **TV, LED, STB, SOURCE** no se pueden programar durante el **modo de Autoaprendizaje**.
- A causa del gran número de aparatos de TV disponibles en el mercado, no es posible garantizar la compatibilidad con todos los dispositivos.

# 6 QSG

**Programación con código marca TV**




**Programación con código marca STB**



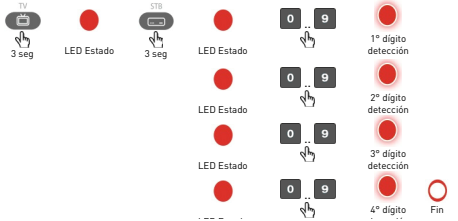

**Eliminación código TV**



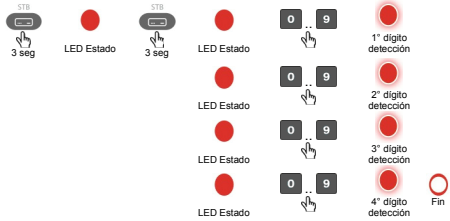

**Eliminación del código STB**



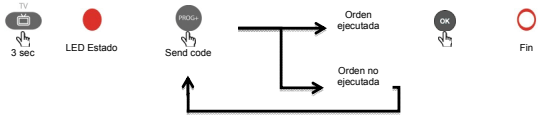

**Mostrar código TV**



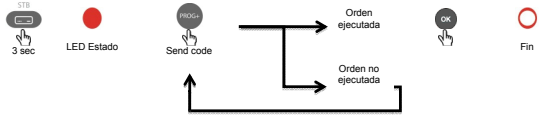
**Mostrar código STB**




**Setup Programación con búsqueda manual (código TV)**




**Programación con búsqueda manul (código STB)**




**Programación con función aprendizaje (TV)**




**Programación con función aprendizaje (STB)**



# TV/STB

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TV** | | | | | | | | | | | | |
| TELESYSTEM | 1001 | 1021 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 |
| TELESYSTEM | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1022 | 1023 | 1024 | 1025 | 1026 | |
| **STB/DVD** | | | | | | | | | | | | |
| TELESYSTEM | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| TELESYSTEM | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
| TELESYSTEM | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 |
| TELESYSTEM | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 |
| TELESYSTEM | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 |
| TELESYSTEM | 2062 | 2063 | 2064 | 2065 | 2067 | | | | | | | |
| | | | | | | | | | | | | |
| A.R.SYSTEMS | 1170 | 1222 | 1224 | | | | | | | | | |
| ACCENT | 1235 | 1252 | | | | | | | | | | |
| ACTION | 1235 | | | | | | | | | | | |
| ADMIRAL | 1201 | 1235 | 1282 | 1296 | 1297 | 1309 | 1311 | | | | | |
| ADURA | 1169 | 1170 | 1235 | 1243 | 1252 | 1291 | 1293 | | | | | |
| AGASHI | 1170 | 1173 | | | | | | | | | | |
| AIKO | 1223 | 1235 | 1243 | | | | | | | | | |
| AIM | 1169 | 1170 | 1171 | 1173 | 1224 | 1237 | 1253 | 1300 | | | | |
| AIOSTAY | 1235 | 1294 | | | | | | | | | | |
| AIWA | 1354 | 1396 | 1422 | 1084 | | | | | | | | |
| AKAI | 1170 | 1171 | 1173 | 1178 | 1198 | 1223 | 1232 | 1235 | 1237 | 1242 | 1243 | 1253 |
| AKAI | 1271 | 1273 | 1280 | 1291 | 1293 | 1294 | 1295 | 1310 | 1313 | 1371 | 1381 | |
| AKAI | 1403 | 1082 | | | | | | | | | | |
| AKI | 1223 | | | | | | | | | | | |
| AKIRA | 1169 | 1172 | | | | | | | | | | |
| ALBA | 1170 | 1243 | 1294 | 1351 | | | | | | | | |
| ALBIRAL | 1170 | 1173 | 1217 | 1222 | 1224 | 1247 | 1248 | 1252 | 1269 | 1274 | 1294 | |
| ALHORI | 1223 | | | | | | | | | | | |
| ALLOGRAN | 1223 | 1284 | 1287 | 1375 | | | | | | | | |
| AMPLIVISION | 1223 | 1224 | | | | | | | | | | |
| AMSTRAD | 1173 | 1235 | 1252 | 1253 | 1297 | 1347 | | | | | | |
| ANEX | 1170 | | | | | | | | | | | |
| ANGLO | 1252 | | | | | | | | | | | |
| ANITECH | 1170 | 1173 | 1195 | 1235 | 1269 | 1274 | 1298 | | | | | |
| ANSONIC | 1170 | | | | | | | | | | | |
| ANTECNO | 1243 | | | | | | | | | | | |
| ARCELIK | 1023 | 1024 | 1118 | 1119 | 1134 | 1138 | 1065 | 1170 | 1183 | 1256 | 1264 | 1294 |
| ARCELIK | 1303 | 1306 | 1325 | 1340 | 1392 | 1062 | | | | | | |
| ARDEM | 1325 | | | | | | | | | | | |
| ART TECH | 1170 | 1235 | 1273 | | | | | | | | | |
| ASA | 1182 | 1192 | 1193 | 1199 | 1200 | 1204 | 1282 | 1295 | | | | |
| ASTHON | 1170 | | | | | | | | | | | |
| ASTON | 1333 | | | | | | | | | | | |
| ASTRA | 1170 | 1173 | 1224 | 1232 | 1235 | 1294 | 1330 | 1336 | 1401 | 1402 | 1415 | |
| ASTRO SOUND | 1170 | 1224 | 1269 | 1274 | 1294 | | | | | | | |
| ASUKA | 1243 | 1294 | | | | | | | | | | |
| ATAKI | 1330 | | | | | | | | | | | |
| ATLANTIC ATORO | 1170 | 1175 | 1183 | 1298 | 1375 | 1235 | | | | | | |
| AUDIO STAR | 1243 | 1330 | | | | | | | | | | |
| AUDIOSONIC | 1170 | 1173 | 1183 | 1217 | 1222 | 1223 | 1235 | 1243 | 1252 | 1269 | 1279 | 1285 |
| AUDIOSONIC | 1325 | 1382 | 1437 | | | | | | | | | |
| AUDIOSTAR | 1243 | 1330 | | | | | | | | | | |
| AUDIOTON | 1223 | 1235 | 1243 | 1298 | 1330 | | | | | | | |
| AURORA | 1201 | 1223 | 1235 | 1237 | | | | | | | | |
| AUSIND | 1189 | | | | | | | | | | | |
| AUTOVOX | 1170 | 1192 | 1197 | 1198 | 1219 | 1223 | 1235 | 1237 | 1273 | 1284 | 1287 | 1353 |
| AUTOVOX | 1375 | 1376 | 1400 | | | | | | | | | |
| AUVISAT | 1438 | | | | | | | | | | | |
| AWA | 1170 | 1173 | 1223 | 1229 | 1235 | 1237 | 1273 | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BAIRD | 1273 | 1300 | | | | | | | | | | |
| BANG&OLUFSEN | 1170 | 1173 | 1201 | | | | | | | | | |
| BARCO | 1201 | 1212 | 1213 | 1215 | 1247 | 1248 | 1250 | 1294 | 1300 | | | |
| BASIC LINE | 1170 | 1243 | 1284 | 1287 | 1288 | 1330 | | | | | | |
| BAUR | 1169 | 1170 | 1172 | 1173 | 1178 | 1179 | 1180 | 1226 | 1227 | 1235 | 1284 | 1286 |
| BAUR | 1287 | 1291 | 1310 | 1428 | | | | | | | | |
| BAZIN | 1206 | 1223 | 1285 | | | | | | | | | |
| BEKO | 1170 | 1173 | 1183 | 1256 | 1264 | 1285 | 1294 | 1303 | 1306 | 1308 | 1313 | 1325 |
| BEKO | 1337 | 1340 | 1392 | 1425 | 1437 | 1098 | 1166 | 1062 | | | | |
| BEKO DVDLI | 1072 | | | | | | | | | | | |
| BEKOTEKNIK | 1174 | | | | | | | | | | | |
| BENQ | 1164 | | | | | | | | | | | |
| BEON | 1271 | | | | | | | | | | | |
| BIFONIC | 1223 | 1235 | | | | | | | | | | |
| BIGSTON | 1235 | 1237 | 1252 | | | | | | | | | |
| BLAUPUNKT | 1178 | 1179 | 1180 | 1181 | 1185 | 1187 | 1222 | 1229 | 1239 | 1242 | 1329 | 1348 |
| BLAUPUNKT | 1382 | | | | | | | | | | | |
| BLAUSONIC | 1223 | | | | | | | | | | | |
| BLUE STAR | 1294 | | | | | | | | | | | |
| BLUESKY | 1170 | 1438 | | | | | | | | | | |
| BRENDSTAR | 1235 | | | | | | | | | | | |
| BRIONVEGA | 1170 | 1171 | 1201 | 1203 | 1204 | 1212 | 1220 | 1221 | 1266 | 1296 | 1297 | 1353 |
| BRIONVEGA | 1359 | 1426 | | | | | | | | | | |
| BRITANNIA | 1170 | 1223 | 1292 | | | | | | | | | |
| BROTHER | 1252 | 1336 | 1413 | | | | | | | | | |
| BRUNS | 1201 | 1267 | 1269 | 1274 | 1291 | | | | | | | |
| BSR | 1285 | 1290 | 1347 | 1351 | 1377 | | | | | | | |
| BUSH(ATAKI) | 1286 | 1293 | 1294 | 1330 | | | | | | | | |
| CAMPER | 1285 | | | | | | | | | | | |
| CAPSONIC | 1170 | 1252 | | | | | | | | | | |
| CARTEL | 1064 | 1096 | | | | | | | | | | |
| CASIO | 1170 | 1171 | | | | | | | | | | |
| CBM | 1195 | | | | | | | | | | | |
| CENTURY | 1201 | 1217 | | | | | | | | | | |
| CGE | 1170 | 1173 | 1183 | 1195 | 1211 | 1217 | 1235 | 1240 | 1243 | 1271 | 1285 | 1293 |
| CGE | 1294 | 1298 | 1311 | | | | | | | | | |
| CGM | 1170 | 1174 | 1183 | 1235 | 1252 | 1325 | 1330 | 1369 | | | | |
| CHANG HONG | 1147 | | | | | | | | | | | |
| CIE | 1235 | 1237 | 1243 | 1377 | | | | | | | | |
| CIHAN | 1170 | 1173 | 1285 | 1294 | | | | | | | | |
| CLARIVOX | 1170 | 1173 | 1196 | 1201 | 1217 | 1222 | 1224 | 1267 | 1278 | 1279 | | |
| CLATRONIC | 1341 | | | | | | | | | | | |
| COCA COLA | 1159 | | | | | | | | | | | |
| COFADEL | 1215 | 1256 | 1261 | 1265 | | | | | | | | |
| COMPUTRON | 1170 | 1173 | 1235 | 1253 | 1295 | 1362 | | | | | | |
| CONCORDE | 1235 | | | | | | | | | | | |
| CONDOR | 1170 | 1173 | 1195 | 1235 | 1252 | 1269 | 1271 | 1274 | 1298 | | | |
| CONIC | 1232 | | | | | | | | | | | |
| CONTEC | 1223 | 1225 | 1229 | 1235 | 1252 | 1377 | | | | | | |
| CONTI | 1170 | 1173 | 1061 | | | | | | | | | |
| CONTIN.EDISON | 1205 | 1214 | 1215 | 1241 | 1256 | 1261 | 1264 | 1265 | 1374 | | | |
| CONTIN.FR | 1170 | 1362 | | | | | | | | | | |
| COSMEL | 1235 | 1279 | | | | | | | | | | |
| COSMOS | 1123 | | | | | | | | | | | |
| COSMOS 84 EKRAN | 1067 | | | | | | | | | | | |
| COSMOS/TOKAI | 1170 | 1235 | | | | | | | | | | |
| CREA | 1149 | 1157 | 1060 | | | | | | | | | |
| CROSLEY | 1184 | 1195 | 1201 | 1211 | 1217 | 1240 | 1299 | | | | | |
| CROWN/ONWA SAKY | 1170 | 1174 | 1183 | 1184 | 1195 | 1235 | 1243 | 1252 | 1253 | 1271 | 1325 | 1330 |
| CROWN/ONWA SAKY | 1369 | | | | | | | | | | | |
| CRYSTAL | 1170 | | | | | | | | | | | |
| CS ELECTR | 1243 | | | | | | | | | | | |
| CTC CLATRONIC. | 1170 | 1183 | 1195 | 1217 | 1223 | 1243 | 1252 | 1269 | 1271 | 1274 | 1341 | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CURTIS | 1173 | | | | | | | | | | | |
| CYMATIC | 1222 | 1223 | 1285 | 1294 | | | | | | | | |
| DAEWOO | 1170 | 1171 | 1173 | 1217 | 1219 | 1223 | 1235 | 1237 | 1243 | 1273 | 1280 | 1331 |
| DAEWOO | 1382 | 1409 | 1410 | 1140 | | | | | | | | |
| DANSAI | 1232 | 1252 | | | | | | | | | | |
| DAWA | 1170 | 1173 | | | | | | | | | | |
| DE GRAAF | 1286 | | | | | | | | | | | |
| DECCA | 1170 | 1172 | 1173 | 1222 | 1223 | 1228 | 1268 | 1273 | | | | |
| DENVER | 1170 | 1235 | | | | | | | | | | |
| DESMET | 1170 | 1173 | 1222 | 1235 | 1294 | 1298 | | | | | | |
| DIAMOND | 1235 | 1237 | | | | | | | | | | |
| DIGILINE | 1170 | | | | | | | | | | | |
| DIXI | 1235 | | | | | | | | | | | |
| DOMEOS | 1170 | 1407 | | | | | | | | | | |
| DOMOH | 1170 | | | | | | | | | | | |
| DORIC | 1189 | 1299 | | | | | | | | | | |
| DUAL | 1169 | 1170 | 1173 | 1176 | 1182 | 1217 | 1223 | 1235 | 1284 | 1287 | 1291 | 1293 |
| DUAL | 1294 | 1297 | 1320 | 1347 | | | | | | | | |
| DUAL-TEC | 1169 | 1170 | 1173 | 1176 | 1182 | 1217 | 1223 | 1235 | 1284 | 1287 | 1291 | 1293 |
| DUAL-TEC | 1294 | 1297 | 1347 | 1382 | 1406 | 1407 | 1428 | | | | | |
| DUMONT | 1170 | 1173 | 1182 | 1193 | 1195 | 1199 | 1200 | 1201 | 1239 | 1269 | 1271 | 1274 |
| DUMONT | 1299 | | | | | | | | | | | |
| DUX | 1170 | 1173 | | | | | | | | | | |
| D-VISION | 1170 | | | | | | | | | | | |
| DYNAMIC | 1235 | | | | | | | | | | | |
| DYNATECH DYNISTY | 1170 | 1237 | | | | | | | | | | |
| EDAN LINE | 1170 | 1300 | | | | | | | | | | |
| ELBE | 1177 | 1222 | 1223 | 1224 | 1229 | 1261 | 1266 | 1294 | 1296 | 1297 | 1299 | 1309 |
| ELBE | 1311 | 1386 | 1431 | | | | | | | | | |
| ELECTRO TECH | 1235 | | | | | | | | | | | |
| ELEKTRONSKA | 1222 | 1294 | | | | | | | | | | |
| ELIN | 1170 | 1173 | 1182 | 1223 | 1235 | 1291 | 1295 | | | | | |
| ELITE | 1239 | 1298 | | | | | | | | | | |
| ELMAN | 1269 | 1274 | 1294 | 1347 | | | | | | | | |
| ELTA | 1246 | | | | | | | | | | | |
| EMERSON | 1170 | 1173 | 1174 | 1183 | 1193 | 1195 | 1199 | 1201 | 1217 | 1223 | 1252 | 1269 |
| EMERSON | 1274 | 1294 | 1298 | | | | | | | | | |
| ENGEL | 1267 | 1294 | | | | | | | | | | |
| EPSON | 1104 | | | | | | | | | | | |
| ETRON | 1235 | 1253 | 1363 | | | | | | | | | |
| EUROCOM | 1294 | | | | | | | | | | | |
| EUROLINE | 1436 | | | | | | | | | | | |
| EUROMAN | 1170 | 1173 | 1184 | 1223 | | | | | | | | |
| EUROPHON | 1217 | 1222 | 1223 | 1269 | 1274 | 1277 | 1294 | | | | | |
| EXPERT | 1175 | 1262 | 1284 | | | | | | | | | |
| FAGOR | 1294 | 1332 | | | | | | | | | | |
| FALCON | 1235 | | | | | | | | | | | |
| FENNER | 1170 | 1173 | 1235 | 1237 | | | | | | | | |
| FIDELIS | 1170 | 1173 | 1223 | 1232 | 1235 | | | | | | | |
| FIDELITY | 1214 | 1217 | 1223 | 1232 | 1243 | 1253 | 1264 | 1284 | 1287 | 1292 | 1294 | |
| FILSAI | 1223 | 1235 | | | | | | | | | | |
| FINLANDIA | 1285 | 1286 | | | | | | | | | | |
| FINLUX | 1170 | 1173 | 1182 | 1189 | 1192 | 1193 | 1199 | 1200 | 1219 | 1222 | 1235 | 1269 |
| FINLUX | 1271 | 1273 | 1274 | 1291 | 1295 | 1299 | 1361 | 1381 | 1403 | | | |
| FIRST LINE | 1170 | 1171 | 1173 | 1196 | 1217 | 1223 | 1224 | 1225 | 1235 | 1237 | 1273 | 1284 |
| FIRST LINE | 1287 | 1288 | 1291 | 1293 | 1294 | 1296 | 1298 | | | | | |
| FISHER | 1174 | 1182 | 1201 | 1223 | 1225 | 1229 | 1230 | 1231 | 1234 | 1267 | 1284 | 1287 |
| FISHER | 1299 | 1300 | 1310 | 1428 | | | | | | | | |
| FLINT | 1170 | 1280 | 1431 | | | | | | | | | |
| FORMENTI | 1170 | 1173 | 1183 | 1189 | 1195 | 1201 | 1222 | 1223 | 1235 | 1239 | 1252 | 1269 |
| FORMENTI | 1271 | 1274 | 1285 | 1294 | 1298 | 1299 | 1347 | | | | | |
| FORTRESS | 1201 | | | | | | | | | | | |
| FRABA | 1170 | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FRONTECH | 1170 | 1217 | 1219 | 1223 | 1232 | 1235 | 1286 | 1294 | 1347 | | | |
| FUJITEC | 1170 | | | | | | | | | | | |
| FUJITSU | 1170 | 1176 | 1200 | 1223 | 1232 | 1243 | 1269 | 1274 | 1290 | 1297 | 1375 | 1376 |
| FUJITSU | 1400 | | | | | | | | | | | |
| FUMEO | 1290 | | | | | | | | | | | |
| FUNAI | 1229 | 1235 | 1252 | 1377 | | | | | | | | |
| GALACTEX | 1223 | 1252 | | | | | | | | | | |
| GALAXI | 1170 | 1193 | | | | | | | | | | |
| GALAXIS | 1170 | 1183 | 1193 | 1271 | | | | | | | | |
| GALAXY | 1178 | 1183 | 1193 | 1195 | 1223 | 1269 | 1271 | 1274 | | | | |
| GALERIA | 1235 | | | | | | | | | | | |
| GBC | 1170 | 1173 | 1217 | 1229 | 1235 | 1237 | 1243 | 1253 | 1273 | 1282 | 1294 | 1299 |
| GBC | 1330 | | | | | | | | | | | |
| GE | 1264 | | | | | | | | | | | |
| GEBER | 1284 | 1287 | 1288 | | | | | | | | | |
| GEC | 1209 | 1222 | 1223 | 1229 | 1273 | 1284 | 1285 | 1286 | 1299 | 1378 | | |
| GELESO | 1217 | 1222 | 1235 | 1237 | 1243 | 1282 | 1294 | 1299 | | | | |
| GENERAL STAR | 1328 | | | | | | | | | | | |
| GENERAL TECHNIC | 1235 | | | | | | | | | | | |
| GIANT | 1170 | 1173 | 1223 | 1259 | 1345 | | | | | | | |
| GITEM | 1170 | 1173 | 1179 | 1180 | 1256 | 1264 | 1288 | 1289 | | | | |
| GM | 1170 | 1235 | 1252 | | | | | | | | | |
| GMG | 1170 | 1235 | 1252 | 1271 | | | | | | | | |
| GOLDFUNK | 1369 | | | | | | | | | | | |
| GOLDSTAR | 1170 | 1173 | 1176 | 1185 | 1191 | 1219 | 1223 | 1232 | 1235 | 1270 | 1275 | 1286 |
| GOLDSTAR | 1290 | 1294 | 1328 | 1370 | 1407 | 1434 | 1439 | | | | | |
| GOODING | 1362 | | | | | | | | | | | |
| GOODMAN | 1025 | | | | | | | | | | | |
| GOODMANS | 1170 | 1171 | 1173 | 1223 | 1229 | 1235 | 1237 | 1243 | 1253 | 1264 | 1294 | 1337 |
| GOODMANS | 1369 | 1382 | | | | | | | | | | |
| GORENJE | 1170 | 1174 | 1183 | 1184 | 1284 | 1287 | | | | | | |
| GPM | 1243 | 1235 | | | | | | | | | | |
| GRAETZ(ITT) | 1337 | 1404 | 1433 | 1437 | | | | | | | | |
| GRANADA | 1170 | 1173 | 1196 | 1222 | 1223 | 1229 | 1242 | 1250 | 1259 | 1285 | 1286 | 1292 |
| GRANADA | 1299 | 1303 | 1312 | 1321 | 1345 | 1384 | 1417 | | | | | |
| GRANDIN | 1170 | 1262 | 1284 | 1294 | 1298 | 1299 | 1431 | | | | | |
| GREAT WALL | 1252 | 1279 | 1280 | | | | | | | | | |
| GRENADIER | 1170 | 1235 | 1294 | 1328 | | | | | | | | |
| GRONIC | 1170 | 1173 | 1223 | 1235 | 1267 | 1269 | 1274 | 1294 | | | | |
| GRUNDIG | 1170 | 1171 | 1173 | 1178 | 1179 | 1180 | 1181 | 1185 | 1194 | 1196 | 1235 | 1298 |
| GRUNDIG | 1362 | 1380 | 1382 | 1427 | 1089 | 1117 | 1141 | | | | | |
| GTT | 1170 | 1235 | 1271 | 1330 | | | | | | | | |
| HAMERSTEIN | 1223 | 1236 | 1252 | 1254 | | | | | | | | |
| HAMPTON | 1223 | 1299 | | | | | | | | | | |
| HANIMEX | 1243 | | | | | | | | | | | |
| HANSEATIC | 1169 | 1170 | 1179 | 1180 | 1222 | 1223 | 1229 | 1235 | 1284 | 1286 | 1287 | 1291 |
| HANSEATIC | 1298 | 1299 | 1377 | 1382 | 1410 | 1434 | | | | | | |
| HANTAREX | 1170 | 1222 | 1235 | | | | | | | | | |
| HCM | 1223 | 1235 | 1246 | 1294 | 1330 | | | | | | | |
| HEMMERMANN | 1223 | 1263 | 1269 | 1274 | 1284 | 1287 | | | | | | |
| HEXA | 1278 | 1294 | | | | | | | | | | |
| HIGASHI | 1223 | | | | | | | | | | | |
| HILINE | 1235 | 1252 | 1253 | | | | | | | | | |
| HINARI | 1170 | 1228 | 1232 | 1235 | | | | | | | | |
| HISENSE | 1286 | 1300 | 1054 | | | | | | | | | |
| HISONIC | 1234 | | | | | | | | | | | |
| HITACHI | 1171 | 1223 | 1229 | 1232 | 1261 | 1270 | 1284 | 1285 | 1286 | 1287 | 1294 | 1295 |
| HITACHI | 1299 | 1306 | 1307 | 1308 | 1346 | 1356 | 1378 | 1379 | 1381 | 1382 | 1410 | 1429 |
| HITACHI | 1075 | 1097 | | | | | | | | | | |
| HOSHAI | 1330 | | | | | | | | | | | |
| HUMAX | 1042 | 1043 | | | | | | | | | | |
| HUNTER | 1393 | | | | | | | | | | | |
| HYPER | 1170 | 1219 | 1223 | 1235 | 1238 | 1243 | 1253 | 1285 | 1294 | 1330 | 1346 | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HYPSON | 1170 | 1173 | 1235 | 1252 | | | | | | | | |
| HYUNDAI | 1170 | 1173 | 1368 | 1414 | 1100 | 1127 | | | | | | |
| IBERVISAO | 1284 | 1287 | 1294 | | | | | | | | | |
| ICE | 1243 | 1252 | 1253 | | | | | | | | | |
| IEG | 1223 | | | | | | | | | | | |
| IMPER | 1170 | 1171 | 1173 | 1235 | 1243 | 1252 | 1336 | | | | | |
| IMPERIAL | 1170 | 1173 | 1183 | 1195 | 1211 | 1217 | 1240 | 1252 | 1271 | 1285 | 1293 | 1294 |
| IMPERIAL | 1311 | | | | | | | | | | | |
| INDESIT | 1257 | | | | | | | | | | | |
| INF.REM.CONTR | 1361 | | | | | | | | | | | |
| INNO HIT | 1170 | 1173 | 1191 | 1217 | 1222 | 1223 | 1232 | 1235 | 1243 | 1253 | 1273 | 1299 |
| INNO HIT | 1330 | 1126 | | | | | | | | | | |
| INTERBUY | 1219 | | | | | | | | | | | |
| INTERDISCOUNT | 1170 | 1226 | 1256 | 1264 | | | | | | | | |
| INTERFUNK | 1169 | 1170 | 1173 | 1191 | 1204 | 1217 | 1222 | 1223 | 1232 | 1235 | 1243 | |
| INTERFUNK | 1250 | 1253 | 1256 | 1271 | 1273 | 1284 | 1287 | 1288 | 1291 | 1299 | | |
| INTERVISION | 1170 | 1217 | 1219 | 1223 | 1269 | 1274 | 1275 | 1276 | 1294 | | | |
| IRRADIO | 1170 | 1173 | 1189 | 1191 | 1196 | 1219 | 1232 | 1235 | 1243 | 1252 | 1253 | 1294 |
| IRRADIO | 1369 | 1382 | | | | | | | | | | |
| ISKRA | 1222 | 1223 | 1269 | 1274 | 1294 | 1325 | | | | | | |
| ITC | 1223 | 1294 | | | | | | | | | | |
| ITL | 1170 | 1235 | | | | | | | | | | |
| ITT | 1068 | 1069 | 1070 | 1091 | | | | | | | | |
| ITT SCHAUB LORENZ | 1170 | 1235 | 1284 | 1287 | 1294 | 1299 | 1337 | 1403 | 1067 | 1165 | 1183 | 1237 |
| ITT SCHAUB LORENZ | 1243 | 1291 | 1295 | 1300 | 1330 | | | | | | | |
| ITT/NOKIA | 1169 | 1170 | 1173 | 1175 | 1182 | 1183 | 1199 | 1235 | 1237 | 1243 | 1271 | 1281 |
| ITT/NOKIA | 1284 | 1285 | 1286 | 1287 | 1288 | 1291 | 1292 | 1294 | 1295 | 1296 | 1299 | 1300 |
| ITT/NOKIA | 1310 | 1330 | 1342 | 1361 | 1369 | 1375 | 1381 | 1403 | | | | |
| JET POINT | 1170 | 1254 | | | | | | | | | | |
| JINALIPU | 1235 | | | | | | | | | | | |
| JOHNSON | 1223 | | | | | | | | | | | |
| JVC | 1029 | 1077 | 1229 | 1253 | 1254 | 1364 | 1365 | 1382 | 1411 | 1204 | | |
| KORTING | 1081 | | | | | | | | | | | |
| KAISER | 1170 | | | | | | | | | | | |
| KAISUI | 1170 | 1223 | 1235 | 1243 | 1271 | 1280 | 1330 | 1403 | 1431 | | | |
| KALRMAX | 1222 | 1223 | 1224 | 1247 | 1248 | 1250 | 1285 | 1294 | | | | |
| KAMAR | 1234 | | | | | | | | | | | |
| KAMBROOK | 1170 | 1223 | 1252 | 1275 | | | | | | | | |
| KAMOSONIC | 1223 | | | | | | | | | | | |
| KAPSCH | 1175 | 1182 | 1299 | 1375 | | | | | | | | |
| KARCHER | 1170 | 1173 | 1174 | 1183 | 1200 | 1223 | 1224 | 1235 | 1277 | 1285 | 1286 | 1330 |
| KARDON | 1375 | 1376 | 1400 | | | | | | | | | |
| KAUASONIC | 1393 | | | | | | | | | | | |
| KELVINATOR | 1270 | | | | | | | | | | | |
| KENDO | 1170 | 1173 | 1176 | 1217 | 1223 | 1235 | 1266 | 1269 | 1274 | 1282 | 1290 | 1296 |
| KENDO | 1299 | 1311 | 1375 | 1376 | 1400 | | | | | | | |
| KENNEDY | 1176 | 1217 | 1256 | 1266 | 1290 | 1297 | 1299 | 1311 | 1375 | 1376 | 1400 | |
| KENNEX | 1170 | 1369 | | | | | | | | | | |
| KERION | 1170 | 1173 | | | | | | | | | | |
| KIC | 1223 | | | | | | | | | | | |
| KIOTA | 1252 | | | | | | | | | | | |
| KITT | 1223 | 1252 | | | | | | | | | | |
| KIYOGIN | 1170 | | | | | | | | | | | |
| KNEISSEL | 1170 | 1177 | 1225 | 1311 | 1370 | 1382 | 1431 | | | | | |
| KOBIC | 1235 | | | | | | | | | | | |
| KOENIG | 1298 | 1299 | | | | | | | | | | |
| KOERTING | 1170 | 1174 | 1201 | 1209 | 1284 | 1287 | 1288 | | | | | |
| KOLSTER | 1170 | 1173 | 1217 | 1219 | 1223 | 1224 | 1269 | 1274 | 1294 | | | |
| KONDA | 1094 | | | | | | | | | | | |
| KONKA | 1388 | 1391 | | | | | | | | | | |
| KONTAKT | 1362 | | | | | | | | | | | |
| KOTRON | 1252 | | | | | | | | | | | |
| KRONNE | 1223 | 1294 | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KUBA ELETRONIC | 1428 | | | | | | | | | | | | |
| KYOTO | 1222 | 1223 | 1294 | | | | | | | | | | |
| LAVIS | 1222 | | | | | | | | | | | | |
| LEADER | 1235 | 1421 | | | | | | | | | | | |
| LEGEND | 1170 | 1173 | 1223 | 1235 | 1252 | 1279 | | | | | | | |
| LENCO | 1170 | 1173 | 1237 | 1269 | 1274 | 1291 | 1369 | | | | | | |
| LENOIR | 1170 | 1173 | 1223 | 1235 | 1237 | 1284 | 1287 | 1330 | | | | | |
| LEYCO | 1170 | 1252 | 1273 | 1347 | 1377 | | | | | | | | |
| LG | 1425 | 1439 | 1407 | 1434 | 1083 | 1135 | 1155 | 1063 | | | | | |
| LIESENKOTTER | 1170 | 1239 | | | | | | | | | | | |
| LIFE | 1235 | | | | | | | | | | | | |
| LLOYD'S | 1196 | 1223 | 1235 | 1252 | 1299 | | | | | | | | |
| LOEWE | 1284 | 1143 | | | | | | | | | | | |
| LOEWE OPTA | 1169 | 1170 | 1172 | 1182 | 1201 | 1203 | 1204 | 1222 | 1223 | | | | |
| LOEWE. | 1168 | | | | | | | | | | | | |
| LOGIK | 1216 | 1228 | | | | | | | | | | | |
| LUMA | 1282 | 1290 | 1297 | 1375 | | | | | | | | | |
| LUMATRON | 1170 | 1113 | | | | | | | | | | | |
| LUXOR | 1191 | 1219 | 1223 | 1270 | 1285 | 1286 | 1289 | 1291 | 1295 | 1299 | 1300 | 1357 | |
| LUXOR | 1403 | | | | | | | | | | | | |
| M.ELECTRONIC | 1169 | 1170 | 1173 | 1182 | 1185 | 1191 | 1193 | 1199 | 1200 | 1201 | 1217 | 1219 | |
| M.ELECTRONIC | 1222 | 1235 | 1237 | 1241 | 1266 | 1269 | 1271 | 1274 | 1282 | 1284 | 1287 | 1294 | |
| M.ELECTRONIC | 1295 | 1299 | 1381 | 1382 | 1407 | 1428 | 1434 | 1436 | | | | | |
| MAAZ | 1247 | 1248 | 1250 | | | | | | | | | | |
| MACTH-ITALIA | 1170 | | | | | | | | | | | | |
| MAGNADYNE | 1170 | 1173 | 1178 | 1201 | 1217 | 1222 | 1235 | 1269 | 1271 | 1274 | 1282 | 1284 | |
| MAGNADYNE | 1287 | 1294 | 1299 | | | | | | | | | | |
| MAGNAFON | 1170 | 1189 | 1193 | 1222 | 1223 | 1269 | 1274 | 1299 | | | | | |
| MAGNASONIC | 1170 | 1173 | | | | | | | | | | | |
| MAGNEX | 1170 | | | | | | | | | | | | |
| MANESTH | 1170 | 1285 | 1288 | 1291 | 1294 | 1298 | 1303 | | | | | | |
| MANHATTAN | 1369 | | | | | | | | | | | | |
| MARANTZ | 1170 | 1173 | | | | | | | | | | | |
| MARECH | 1298 | | | | | | | | | | | | |
| MARK | 1325 | | | | | | | | | | | | |
| MASCOT | 1217 | | | | | | | | | | | | |
| MATCH ITALIA | 1170 | 1235 | | | | | | | | | | | |
| MATSUI | 1170 | 1201 | 1223 | 1228 | 1235 | 1252 | 1284 | 1285 | 1286 | 1287 | 1294 | 1299 | |
| MATSUI | 1301 | 1347 | 1351 | 1362 | 1373 | | | | | | | | |
| MATSUKA | 1223 | 1252 | 1351 | | | | | | | | | | |
| MAXAM | 1223 | 1235 | 1252 | | | | | | | | | | |
| MAXELL | 1235 | | | | | | | | | | | | |
| MAXWELL | 1170 | 1222 | 1248 | 1250 | 1269 | 1274 | | | | | | | |
| MCE | 1235 | | | | | | | | | | | | |
| MEDIACOM | 1124 | | | | | | | | | | | | |
| MEDION | 1046 | | | | | | | | | | | | |
| MEGA | 1170 | 1171 | | | | | | | | | | | |
| MEMPHIS | 1279 | | | | | | | | | | | | |
| MERCURY | 1223 | 1235 | 1252 | 1321 | | | | | | | | | |
| METZ | 1178 | 1179 | 1180 | 1185 | 1186 | 1187 | 1204 | 1207 | 1208 | 1369 | | | |
| MGA | 1169 | 1237 | 1243 | 1252 | | | | | | | | | |
| MICRON | 1223 | | | | | | | | | | | | |
| MINERVA | 1178 | 1179 | 1180 | 1185 | 1196 | 1241 | 1362 | | | | | | |
| MITRONIC | 1232 | | | | | | | | | | | | |
| MITSUBISHI | 1102 | 1178 | 1201 | 1204 | 1228 | 1229 | 1235 | 1237 | 1259 | 1345 | 1349 | 1382 | |
| MITSUBISHI | 1169 | | | | | | | | | | | | |
| MIVAR | 1177 | 1188 | 1190 | 1191 | 1218 | 1222 | 1223 | 1323 | | | | | |
| MTC | 1183 | 1294 | | | | | | | | | | | |
| MULTITECH | 1169 | 1170 | 1174 | 1217 | 1219 | 1222 | 1223 | 1228 | 1229 | 1235 | 1243 | 1246 | |
| MULTITECH | 1252 | 1269 | 1274 | 1294 | 1330 | 1337 | | | | | | | |
| MURPHY | 1189 | 1223 | 1285 | 1293 | 1294 | 1299 | | | | | | | |
| NAGEL | 1210 | | | | | | | | | | | | |
| NAGOTA | 1285 | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NAKASHI | 1170 | | | | | | | | | | | |
| NAMSONIC | 1235 | | | | | | | | | | | |
| NAMSUNC | 1235 | | | | | | | | | | | |
| NARITA | 1237 | | | | | | | | | | | |
| NEC | 1224 | 1228 | 1229 | 1235 | 1237 | 1280 | 1329 | | | | | |
| NECKERMANN | 1170 | 1171 | 1173 | 1179 | 1180 | 1183 | 1185 | 1204 | 1223 | 1226 | 1227 | 1239 |
| NECKERMANN | 1266 | 1282 | 1285 | 1286 | 1298 | 1370 | 1377 | 1382 | 1436 | | | |
| NECSTAR | 1393 | | | | | | | | | | | |
| NEI | 1170 | 1173 | 1279 | 1285 | 1294 | | | | | | | |
| NEWMAR | 1223 | 1285 | 1294 | | | | | | | | | |
| NEWTECH | 1170 | 1223 | | | | | | | | | | |
| NIKKAI | 1223 | 1232 | 1252 | 1270 | | | | | | | | |
| NIKKEI | 1170 | 1173 | 1369 | 523 | | | | | | | | |
| NIKKO | 1170 | 1173 | 1279 | | | | | | | | | |
| NIPPON | 1146 | | | | | | | | | | | |
| NOBLEX | 1229 | 1230 | 1231 | 1234 | 1235 | 1236 | 1237 | | | | | |
| NOBLIKO | 1189 | 1193 | 1195 | 1196 | 1217 | 1223 | 1269 | 1274 | | | | |
| NORDMENDE | 1202 | 1214 | 1215 | 1256 | 1261 | 1264 | 1283 | 1299 | 1352 | 1433 | | |
| NORDWAY | 1293 | | | | | | | | | | | |
| NORTEK | 1170 | 1382 | | | | | | | | | | |
| NOVATRONIC | 1170 | 1235 | 1237 | 1252 | | | | | | | | |
| O.GENERAL | 1229 | 1235 | | | | | | | | | | |
| OCEANIC(ITT) | 1258 | 1262 | 1281 | 1284 | 1285 | 1286 | 1288 | 1289 | 1291 | 1295 | 1299 | 1300 |
| OCEANIC(ITT) | 1381 | | | | | | | | | | | |
| OCTAL | 1223 | | | | | | | | | | | |
| OKANO | 1183 | | | | | | | | | | | |
| OLYMPIC | 1235 | | | | | | | | | | | |
| ONCEAS | 1217 | 1223 | 1235 | | | | | | | | | |
| ONIDA | 1173 | | | | | | | | | | | |
| ONWA | 1252 | 1253 | 1271 | 1403 | | | | | | | | |
| ORAVA SLOV | 1170 | 1201 | 1294 | | | | | | | | | |
| ORAVA/OTF | 1170 | 1235 | | | | | | | | | | |
| ORIENT | 1170 | 1235 | 1335 | 1090 | | | | | | | | |
| ORION | 1170 | 1171 | 1228 | 1232 | 1235 | 1236 | 1252 | 1263 | 1281 | 1284 | 1285 | 1287 |
| ORION | 1304 | 1305 | 1308 | 1317 | 1347 | 1351 | 1360 | 1370 | 1373 | 1377 | | |
| ORION HUNGARY | 1170 | 1173 | 1281 | 1285 | 1357 | 1358 | | | | | | |
| ORMOND | 1170 | 1222 | 1369 | | | | | | | | | |
| OR-ON | 1330 | | | | | | | | | | | |
| ORSOW'E | 1170 | 1173 | 1222 | 1252 | | | | | | | | |
| OSAKI | 1170 | 1173 | 1252 | 1276 | | | | | | | | |
| OTHER LINE | 1173 | 1222 | | | | | | | | | | |
| OTHERS | 1101 | 1105 | 1106 | 1107 | 1108 | 1133 | 1396 | 1324 | 1343 | 1367 | 1148 | 1158 |
| OTHERS | 1116 | | | | | | | | | | | |
| OTTO VERSAND | 1169 | 1170 | 1171 | 1172 | 1173 | 1178 | 1179 | 1180 | 1185 | 1219 | 1223 | 1226 |
| OTTO VERSAND | 1227 | 1229 | 1235 | 1242 | 1246 | 1264 | 1285 | 1286 | 1287 | 1291 | 1298 | 1299 |
| OTTO VERSAND | 1325 | 1428 | | | | | | | | | | |
| PAEL | 1189 | 1196 | 1223 | | | | | | | | | |
| PALLADIUM | 1183 | 1204 | 1266 | | | | | | | | | |
| PALSONIC | 1170 | 1173 | 1223 | 1232 | 1243 | 1252 | | | | | | |
| PANAMA | 1170 | 1173 | 1217 | 1252 | | | | | | | | |
| PANASHIBA | 1235 | | | | | | | | | | | |
| PANASONIC | 1139 | 1294 | 1299 | 1344 | 1348 | 1366 | 1399 | 1179 | 1180 | 1242 | | |
| PANAVOX | 1170 | 1235 | 1299 | | | | | | | | | |
| PANAVSION | 1252 | | | | | | | | | | | |
| PANORAMA | 1223 | 1235 | 1243 | | | | | | | | | |
| PANORAMIC | 1256 | | | | | | | | | | | |
| PATHE CINEMA | 1183 | 1222 | 1223 | 1224 | 1278 | 1294 | 1298 | | | | | |
| PAUSA | 1235 | | | | | | | | | | | |
| PCM | 1170 | 1173 | | | | | | | | | | |
| PEGASUS | 1099 | | | | | | | | | | | |
| PERSHIN | 1196 | 1278 | | | | | | | | | | |
| PHILARMONIC | 1223 | | | | | | | | | | | |
| PHILCO | 1170 | 1173 | 1183 | 1195 | 1201 | 1211 | 1217 | 1224 | 1229 | 1235 | 1240 | 1271 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PHILCO | 1284 | 1285 | 1287 | 1293 | 1294 | 1299 | 1311 | | | | | |
| PHILIPS | 1041 | 1145 | 1150 | 1151 | 1156 | 1170 | 1171 | 1173 | 1179 | 1180 | 1201 | 1204 |
| PHILIPS | 1223 | 1224 | 1249 | 1250 | 1251 | 1271 | 1334 | 1355 | 1372 | 1382 | 1407 | 1412 |
| PHILIPS | 1428 | 1435 | 1436 | | | | | | | | | |
| PHOENIX>FORMENTI | 1318 | 1321 | | | | | | | | | | |
| PHONOLA>PHILIPS | 1314 | 1315 | | | | | | | | | | |
| PILOT | 1408 | 1433 | | | | | | | | | | |
| PIONEER | 1170 | 1173 | 1291 | 1370 | 1418 | 1073 | 1058 | | | | | |
| PLANTRON | 1217 | 1222 | 1235 | 1282 | 1285 | 1299 | | | | | | |
| PORTLAND | 1170 | | | | | | | | | | | |
| PRANDONI PRINCE | 1189 | 1217 | 1222 | 1269 | 1274 | 1282 | 1285 | 1299 | | | | |
| PREMIER | 1028 | 1052 | 1086 | 1128 | 1129 | 1142 | 1080 | 1170 | 1171 | 1327 | 1336 | 1393 |
| PREMIER | 1421 | | | | | | | | | | | |
| PRIMA | 1223 | 1232 | 1235 | 1252 | | | | | | | | |
| PRINCESS | 1232 | 1235 | | | | | | | | | | |
| PROFEX | 1195 | 1235 | 1239 | 1291 | | | | | | | | |
| PROFILO | 1131 | | | | | | | | | | | |
| PROIFLO | 1170 | 1173 | 1222 | 1264 | 1294 | 1370 | 1397 | | | | | |
| PROLINE | 1304 | | | | | | | | | | | |
| PROSONIC | 1170 | | | | | | | | | | | |
| PROTECH | 1170 | 1173 | 1235 | 1271 | 1294 | 1304 | 1325 | 1369 | 1436 | | | |
| PYE | 1170 | 1171 | 1173 | 1237 | 1250 | | | | | | | |
| QUAL CRAFT | 1189 | 1232 | 1243 | 1269 | 1274 | 1347 | | | | | | |
| QUASAR | 1189 | 1232 | 1269 | 1274 | 1299 | 1347 | | | | | | |
| QUELLE | 1169 | 1170 | 1173 | 1178 | 1182 | 1189 | 1191 | 1192 | 1193 | 1196 | 1199 | 1200 |
| QUELLE | 1219 | 1223 | 1226 | 1228 | 1231 | 1232 | 1239 | 1240 | 1252 | 1284 | 1287 | 1291 |
| RADIOLA | 1170 | 1171 | 1173 | 1250 | | | | | | | | |
| RADIONETTE | 1182 | 1200 | 1284 | 1299 | | | | | | | | |
| RADIOTONE | 1325 | 1341 | | | | | | | | | | |
| RANK/RBM | 1189 | 1286 | 1293 | 1299 | 1316 | | | | | | | |
| RC 903A | 1115 | | | | | | | | | | | |
| RECOR | 1169 | 1170 | 1173 | 1252 | | | | | | | | |
| REDIFFUSION | 1291 | 1299 | | | | | | | | | | |
| REFLEX | 1170 | 1369 | | | | | | | | | | |
| REGENTE | 1235 | | | | | | | | | | | |
| RFT | 1201 | 1325 | | | | | | | | | | |
| RITAR | 1295 | | | | | | | | | | | |
| RIZ | 1294 | | | | | | | | | | | |
| RM | 1369 | | | | | | | | | | | |
| RM2000 | 1170 | | | | | | | | | | | |
| ROADMASTER | 1050 | | | | | | | | | | | |
| ROADSTAR | 1170 | 1173 | 1232 | 1235 | 1243 | 1330 | 1369 | 1370 | 1371 | 1440 | | |
| ROB.ELECTR. | 1201 | 1267 | | | | | | | | | | |
| ROWA | 1223 | 1235 | 1252 | | | | | | | | | |
| ROWIDO/KONIG | 1189 | 1294 | | | | | | | | | | |
| ROWSONIC | 1223 | | | | | | | | | | | |
| ROYAL | 1173 | 1223 | 1235 | 1243 | 1252 | 1271 | | | | | | |
| RTF | 1201 | | | | | | | | | | | |
| S.LORENZ | 1170 | 1183 | 1235 | 1237 | 1243 | 1284 | 1287 | 1291 | 1295 | 1299 | 1300 | 1330 |
| SABA | 1170 | 1204 | 1205 | 1214 | 1215 | 1222 | 1235 | 1237 | 1256 | 1259 | 1261 | 1264 |
| SABA | 1285 | 1288 | 1294 | 1299 | 1335 | 1338 | 1341 | 1352 | 1370 | 1374 | 1397 | 1405 |
| SABA | 1112 | 1137 | | | | | | | | | | |
| SABERG | 1170 | 1173 | 1195 | 1271 | | | | | | | | |
| SAGEM | 1431 | | | | | | | | | | | |
| SAISHO | 1223 | 1224 | 1228 | 1237 | 1243 | 1303 | 1347 | 1351 | | | | |
| SAKURA | 1235 | | | | | | | | | | | |
| SALORA | 1170 | 1199 | 1270 | 1282 | 1285 | 1286 | 1288 | 1291 | 1292 | 1295 | 1300 | 1361 |
| SALORA | 1381 | 1385 | 1403 | 1423 | | | | | | | | |
| SAMBERS | 1189 | 1191 | 1193 | 1195 | 1196 | 1222 | 1224 | 1269 | 1274 | | | |
| SAMSUNG | 1170 | 1171 | 1173 | 1174 | 1183 | 1191 | 1204 | 1223 | 1228 | 1232 | 1234 | 1235 |
| SAMSUNG | 1236 | 1254 | 1273 | 1276 | 1327 | 1334 | 1347 | 1378 | 1382 | 1383 | 1419 | 1432 |
| SAMSUNG | 1435 | 1144 | 1059 | | | | | | | | | |
| SANDRA COLOR | 1222 | 1223 | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SANG | 1170 | 1337 | 1437 | | | | | | | | | | |
| SANKYO | 1233 | 1384 | | | | | | | | | | | |
| SANSUI | 1170 | 1235 | 1253 | 1300 | 1330 | 1430 | | | | | | | |
| SANYO | 1174 | 1182 | 1201 | 1223 | 1225 | 1228 | 1229 | 1230 | 1231 | 1235 | 1267 | 1273 | |
| SANYO | 1276 | 1299 | 1300 | 1310 | 1312 | 1319 | 1346 | 1384 | 1417 | | | | |
| SAR | 1170 | 1223 | 1294 | | | | | | | | | | |
| SCHAUPLORENTZ | 1337 | | | | | | | | | | | | |
| SCHAUPT LORENZ | 1067 | 1165 | | | | | | | | | | | |
| SCHNEIDER | 1170 | 1171 | 1173 | 1176 | 1197 | 1219 | 1223 | 1235 | 1243 | 1250 | 1253 | 1284 | |
| SCHNEIDER | 1285 | 1286 | 1287 | 1293 | 1294 | 1297 | 1299 | 1347 | 1370 | 1382 | 1406 | | |
| SCOTT | 1170 | 1298 | | | | | | | | | | | |
| SEG | 1170 | 1173 | 1195 | 1217 | 1223 | 1269 | 1274 | 1294 | 1369 | | | | |
| SEIKON | 1026 | 1160 | | | | | | | | | | | |
| SELECO | 1170 | 1171 | 1173 | 1175 | 1176 | 1219 | 1229 | 1264 | 1266 | 1282 | 1283 | 1290 | |
| SELECO | 1294 | 1296 | 1297 | 1311 | 1375 | 1376 | 1400 | | | | | | |
| SEMP | 1313 | | | | | | | | | | | | |
| SENDAY | 1170 | | | | | | | | | | | | |
| SENTRA | 1303 | 1321 | | | | | | | | | | | |
| SEPHIM | 1027 | | | | | | | | | | | | |
| SET | 1170 | 1294 | | | | | | | | | | | |
| SHARP | 1229 | 1244 | 1245 | 1246 | 1321 | | | | | | | | |
| SHIVAKI | 1170 | 1171 | | | | | | | | | | | |
| SHOV | 1085 | 1088 | 1091 | 1092 | 1069 | 1070 | 1398 | 1416 | | | | | |
| SHOV | 1170 | 1171 | 1173 | 1235 | 1252 | | | | | | | | |
| SHOW | 1390 | 1393 | | | | | | | | | | | |
| SIAREM | 1201 | 1222 | 1269 | 1274 | 1299 | | | | | | | | |
| SICATEL | 1224 | 1294 | | | | | | | | | | | |
| SICE | 1178 | | | | | | | | | | | | |
| SIDEC | 1294 | | | | | | | | | | | | |
| SIEL | 1195 | | | | | | | | | | | | |
| SIEMENS | 1170 | 1173 | 1178 | 1179 | 1180 | 1181 | 1185 | 1196 | 1222 | 1231 | 1232 | 1239 | |
| SIEMENS | 1344 | 1384 | 1417 | 1074 | | | | | | | | | |
| SILMA | 1170 | | | | | | | | | | | | |
| SILVA | 1235 | | | | | | | | | | | | |
| SILVER | 1243 | 1252 | | | | | | | | | | | |
| SIMTEL | 1170 | 1243 | 1252 | 1330 | 1428 | | | | | | | | |
| SINGER | 1170 | 1173 | 1201 | 1217 | 1222 | 1223 | 1235 | 1253 | 1262 | 1269 | 1274 | 1299 | |
| SINGER | 1311 | 1347 | | | | | | | | | | | |
| SINUDYNE | 1170 | 1171 | 1201 | 1243 | 1263 | 1266 | 1269 | 1274 | 1284 | 1287 | 1297 | 1299 | |
| SINUDYNE | 1304 | 1305 | 1317 | 1347 | 1351 | 1364 | 1370 | 1377 | | | | | |
| SIREL | 1222 | | | | | | | | | | | | |
| SKAY | 1330 | | | | | | | | | | | | |
| SLAVA | 1223 | | | | | | | | | | | | |
| SOLAVOX | 1270 | 1284 | 1292 | 1295 | | | | | | | | | |
| SONITRON | 1201 | 1223 | | | | | | | | | | | |
| SONOKO | 1170 | 1173 | 1223 | 1235 | 1243 | 1252 | 1330 | | | | | | |
| SONTEC | 1170 | 1183 | 1219 | | | | | | | | | | |
| SONY | 1229 | 1322 | 1066 | 1103 | 1152 | 1154 | 1163 | 1424 | | | | | |
| SONY | 1226 | 1227 | 1228 | | | | | | | | | | |
| SOUND COLOR | 1170 | | | | | | | | | | | | |
| SOUND MASTER | 1235 | | | | | | | | | | | | |
| SOUTHERN CROSS | 1219 | | | | | | | | | | | | |
| SOWTECH | 1169 | 1219 | | | | | | | | | | | |
| SPECTRA(ASTRA) | 1170 | 1336 | 1401 | 1402 | 1413 | 1420 | | | | | | | |
| STANDARD | 1217 | 1223 | 1235 | 1243 | 1298 | | | | | | | | |
| STAR | 1173 | | | | | | | | | | | | |
| STAR LINE | 1170 | | | | | | | | | | | | |
| STARLITE | 1235 | | | | | | | | | | | | |
| STARLUX | 1235 | | | | | | | | | | | | |
| STERN | 1175 | 1176 | 1256 | 1266 | 1282 | 1290 | 1296 | 1297 | 1375 | | | | |
| STVI | 1223 | 1294 | | | | | | | | | | | |
| STZ SUNKAI | 1170 | 1305 | 1330 | | | | | | | | | | |
| SUNNY | 1022 | 1044 | 1122 | 1125 | 1130 | 1253 | 1387 | 1389 | 1393 | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUNSTAR | 1170 | | | | | | | | | | | |
| SUNWATT | 1170 | 1173 | | | | | | | | | | |
| SUPERLA | 1222 | 1294 | | | | | | | | | | |
| SUPERSONIC | 1169 | 1253 | 1300 | 1330 | | | | | | | | |
| SUPERTEC | 1170 | 1173 | 1235 | 1243 | | | | | | | | |
| SUPRA | 1170 | 1234 | 1235 | 1237 | 1328 | | | | | | | |
| SUPREME | 1193 | | | | | | | | | | | |
| SYC LINE | 1235 | | | | | | | | | | | |
| SYDNEY | 1222 | | | | | | | | | | | |
| TADISTAR | 1271 | | | | | | | | | | | |
| TALENT | 1178 | | | | | | | | | | | |
| TANDBERG | 1186 | 1192 | 1203 | 1204 | 1208 | 1222 | 1256 | 1261 | 1297 | | | |
| TANDY | 1262 | 1285 | 1286 | | | | | | | | | |
| TASHIKO | 1223 | 1286 | 1378 | 1384 | 1417 | | | | | | | |
| TATUNG | 1172 | 1178 | 1222 | 1223 | 1228 | 1268 | 1273 | | | | | |
| TCL | 1413 | | | | | | | | | | | |
| TEAK | 1169 | 1170 | 1173 | 1223 | 1235 | | | | | | | |
| TEC | 1170 | 1176 | 1217 | 1223 | 1235 | 1293 | 1294 | 1347 | 1407 | | | |
| TECHLINE | 1170 | | | | | | | | | | | |
| TECHNICA | 1243 | | | | | | | | | | | |
| TECHNICS | 1242 | 1348 | 1167 | | | | | | | | | |
| TECHNISAT | 1170 | 1370 | | | | | | | | | | |
| TECHNOL | 1169 | 1223 | 1235 | 1237 | 1252 | | | | | | | |
| TEDELEX | 1170 | 1173 | 1223 | 1235 | 1285 | 1294 | | | | | | |
| TEINEL | 1170 | 1294 | | | | | | | | | | |
| TEKNANT | 1170 | 1235 | | | | | | | | | | |
| TELE+ | 1170 | 1235 | 1326 | | | | | | | | | |
| TELECHROM | 1243 | 1330 | | | | | | | | | | |
| TELEFAC | 1235 | | | | | | | | | | | |
| TELEFUNKEN | 1095 | 1111 | 1114 | 1137 | 1294 | 1335 | 1341 | 1350 | 1370 | 1397 | 1405 | 1170 |
| TELEFUNKEN | 1216 | 1217 | 1222 | 1235 | 1236 | 1237 | 1240 | 1256 | 1257 | 1259 | 1260 | 1264 |
| TELEFUNKEN | 1265 | | | | | | | | | | | |
| TELEOPTA | 1235 | | | | | | | | | | | |
| TELEPOINT | 1170 | | | | | | | | | | | |
| TELESTAR | 1170 | 1235 | 1252 | | | | | | | | | |
| TELETECH | 1170 | 1217 | | | | | | | | | | |
| TELEVIDEON | 1170 | 1173 | 1189 | 1223 | 1285 | 1298 | 1299 | | | | | |
| TELKOM | 1170 | 1294 | | | | | | | | | | |
| TELRA | 1170 | 1264 | 1294 | 1112 | 1137 | | | | | | | |
| TEMPEST | 1223 | 1235 | 1243 | | | | | | | | | |
| TENSAI | 1170 | 1173 | 1182 | 1200 | 1217 | 1223 | 1232 | 1235 | 1237 | 1243 | 1269 | 1274 |
| TENSAI | 1275 | 1277 | 1294 | 1298 | 1369 | | | | | | | |
| TESLA | 1224 | | | | | | | | | | | |
| TESLASLOV | 1170 | 1201 | 1250 | 1294 | | | | | | | | |
| TETRAN | 1294 | 1298 | | | | | | | | | | |
| THOMSON | 1170 | 1189 | 1196 | 1201 | 1214 | 1215 | 1241 | 1250 | 1255 | 1256 | 1261 | 1264 |
| THOMSON | 1265 | 1285 | 1294 | 1354 | 1358 | 1362 | 1374 | 1395 | 1405 | 1071 | | |
| THORN | 1303 | 1361 | | | | | | | | | | |
| THORN FERGUSON | 1169 | 1170 | 1171 | 1173 | 1178 | 1179 | 1180 | 1182 | 1195 | 1196 | 1199 | 1200 |
| THORN FERGUSON | 1216 | 1222 | 1223 | 1224 | 1226 | 1227 | 1229 | 1231 | 1252 | 1254 | 1256 | 1262 |
| THORN FERGUSON | 1264 | 1268 | 1272 | 1273 | 1276 | 1284 | 1285 | 1287 | 1288 | 1291 | 1292 | 1297 |
| THORN FERGUSON | 1299 | 1300 | 1301 | 1303 | 1310 | 1312 | 1319 | 1320 | 1322 | 1345 | 1346 | 1350 |
| THORN FERGUSON | 1361 | 1365 | 1379 | 1382 | 1405 | 1434 | | | | | | |
| TIBISHI | 1223 | 1235 | 1243 | 1252 | | | | | | | | |
| TLFNKN | 1074 | | | | | | | | | | | |
| TOBO | 1235 | | | | | | | | | | | |
| TOKAI | 1170 | 1173 | 1235 | 1252 | | | | | | | | |
| TOKYO | 1330 | | | | | | | | | | | |
| TOMITA | 1223 | | | | | | | | | | | |
| TOPVISION | 1170 | 1285 | 1294 | 1325 | | | | | | | | |
| TOSHIBA | 1169 | 1223 | 1229 | 1301 | 1302 | 1303 | 1311 | 1313 | 1076 | 1093 | 1153 | |
| TR CONTINENTS | 1170 | 1222 | 1282 | | | | | | | | | |
| TRANSONIC | 1170 | 1173 | 1252 | 1271 | | | | | | | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TREVI | 1235 | 1243 | 1330 | | | | | | | | | | |
| TRIAD | 1170 | 1173 | 1224 | | | | | | | | | | |
| TRIDENT | 1045 | 1047 | 1048 | 1049 | 1051 | 1053 | 1055 | 1056 | 1393 | 1421 | 1170 | 1033 | |
| TRIDENT | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1057 | 1031 | 1032 | | | |
| TRILUX | 1170 | 1325 | | | | | | | | | | | |
| TRIMAX | 1161 | 1079 | | | | | | | | | | | |
| TRIUMPH | 1193 | 1347 | | | | | | | | | | | |
| TRIVISION | 1235 | | | | | | | | | | | | |
| TTR | 1175 | | | | | | | | | | | | |
| TV STAR | 1285 | | | | | | | | | | | | |
| TVD | 1375 | | | | | | | | | | | | |
| UHER | 1175 | 1197 | 1285 | 1298 | 1375 | 1428 | | | | | | | |
| ULTRAVISION | 1214 | 1224 | | | | | | | | | | | |
| ULTRAVOX | 1169 | 1170 | 1173 | 1178 | 1201 | 1217 | 1223 | 1269 | 1274 | 1282 | 1299 | 1313 | |
| ULTRAVOX | 1372 | | | | | | | | | | | | |
| UNIC RADIO | 1174 | 1222 | 1223 | 1291 | 1294 | | | | | | | | |
| UNIVERSUM | 1169 | 1170 | 1173 | 1178 | 1179 | 1180 | 1182 | 1184 | 1189 | 1191 | 1192 | 1193 | |
| UNIVERSUM | 1196 | 1199 | 1200 | 1219 | 1223 | 1226 | 1228 | 1229 | 1231 | 1232 | 1235 | 1239 | |
| UNIVERSUM | 1240 | 1252 | 1284 | 1287 | 1288 | 1291 | 1294 | 1295 | 1384 | 1417 | | | |
| UNIVOX | 1170 | 1173 | 1201 | 1217 | 1224 | 1284 | 1294 | | | | | | |
| UNK | 1170 | | | | | | | | | | | | |
| URANYA | 1170 | 1189 | 1222 | 1235 | 1237 | 1269 | 1274 | 1298 | | | | | |
| UTAX | 1223 | 1235 | | | | | | | | | | | |
| UYDULU | 1132 | | | | | | | | | | | | |
| VANGUARD | 1223 | 1235 | 1286 | | | | | | | | | | |
| VECO | 1170 | 1173 | 1235 | | | | | | | | | | |
| VESTEL | 1077 | 1120 | 1121 | 1136 | 1162 | 1078 | 1170 | 1171 | 1173 | 1183 | 1195 | 1217 | |
| VESTEL | 1233 | 1286 | 1293 | 1294 | 1369 | 1394 | 1436 | | | | | | |
| VEXA | 1170 | 1171 | 1223 | 1235 | 1243 | 1286 | 1330 | | | | | | |
| VICEROY | 1223 | 1232 | 1252 | | | | | | | | | | |
| VIDEOCON | 1173 | | | | | | | | | | | | |
| VIDEOLOGIC | 1223 | 1243 | | | | | | | | | | | |
| VIDEOMAC | 1223 | 1252 | | | | | | | | | | | |
| VIDEOTON | 1170 | 1219 | 1222 | 1223 | 1271 | 1281 | 1285 | 1286 | 1293 | 1294 | 1357 | | |
| VIDIKRON | 1298 | | | | | | | | | | | | |
| VIDION | 1235 | | | | | | | | | | | | |
| VISA | 1189 | 1282 | | | | | | | | | | | |
| VISAELECT | 1195 | 1223 | 1294 | | | | | | | | | | |
| VISION 2000 | 1170 | 1235 | | | | | | | | | | | |
| VISIOREX | 1222 | | | | | | | | | | | | |
| VISTAR | 1288 | 1295 | | | | | | | | | | | |
| VOXSON | 1189 | 1201 | 1269 | 1274 | 1282 | | | | | | | | |
| WALKIE | 1176 | | | | | | | | | | | | |
| WALTHAM | 1217 | 1285 | 1294 | | | | | | | | | | |
| WATSON | 1170 | 1173 | 1239 | 1252 | 1282 | 1294 | 1298 | 1299 | 1347 | 1369 | | | |
| WATT RADIO | 1223 | 1224 | 1269 | 1271 | 1274 | 1277 | 1284 | 1287 | 1299 | 1347 | 1369 | | |
| WEGA COLOR | 1229 | | | | | | | | | | | | |
| WEGA VISION | 1229 | | | | | | | | | | | | |
| WEGAVOX | 1170 | 1217 | 1235 | 1271 | 1293 | 1369 | | | | | | | |
| WELTBLICK | 1170 | 1298 | | | | | | | | | | | |
| WESTON | 1294 | | | | | | | | | | | | |
| WHITE WESTING HOUSE | 1169 | 1170 | 1175 | 1183 | 1193 | 1195 | 1223 | 1235 | 1266 | 1269 | 1271 | 1294 | |
| WHITE WESTING HOUSE | 1298 | 1375 | | | | | | | | | | | |
| WINERSAT | 1235 | 1330 | | | | | | | | | | | |
| WINSTON | 1170 | 1235 | 1330 | | | | | | | | | | |
| WINTERNITZ | 1235 | 1237 | 1238 | 1346 | | | | | | | | | |
| WORLD TECH | 1170 | | | | | | | | | | | | |
| YOKO | 1170 | 1223 | 1235 | 1252 | 1256 | 1285 | | | | | | | |
| YORK | 1243 | | | | | | | | | | | | |
| YU-MA-TU | 1170 | 1235 | 1252 | 1271 | 1339 | 1030 | 1080 | 1087 | 1109 | 1110 | | | |
| ZAMPA | 1283 | | | | | | | | | | | | |
| ZIRWATEL ZODIAC | 1235 | 1405 | | | | | | | | | | | |

TELE System TV/STB

| Code | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 |
|---|---|---|---|---|---|---|
| | TS010AD (28000022)<br>TS110 AD (28000034) | TS010A (28000023) | PALC019/L04 (28000052)<br>PALC022/L04 (28000053) | PALC022/L02 COMBO (28003002)<br>PALC019/L02 COMBO - MB25 (28003004)<br>PALC019/L02 16:9 COMBO (28003007) | PALC019/L02 (28000037)<br>PALC022/L02 (28000038)<br>PALC032/L02 (28000039)<br>PALC016/L02 - MB25 (28000042)<br>PALC015/L02 - MB25 (28000048)<br>PALC019/L02 - MB25 (28000049)<br>PALC022/L02 - MB25 (28000050)<br>PALC032/L02 MB35 (28000051)<br>PALC019/L02 16:9 (28000054)<br>PALC024/L02 FULL HD16:9 (28000055) | PALC019/L05 COMBO (28003008)<br>PALC022/L05 COMBO (28003009)<br>PALC022 LED01 B01F COMBO (28003015)<br>PALC024 LED01 B01F COMBO (28003016)<br>PALC026LED01 B01F COMBO (28003017) |
| **POWER** | POWER | POWER | POWER | POWER | POWER | POWER |
| **SOURCE** | | TV/VGA/AV | | SOURCE | AV SOURCE | AV SOURCE |
| **1** | 1 | 1 | 1 | 1 | 1 | 1 |
| **2** | 2 | 2 | 2 | 2 | 2 | 2 |
| **3** | 3 | 3 | 3 | 3 | 3 | 3 |
| **4** | 4 | 4 | 4 | 4 | 4 | 4 |
| **5** | 5 | 5 | 5 | 5 | 5 | 5 |
| **6** | 6 | 6 | 6 | 6 | 6 | 6 |
| **7** | 7 | 7 | 7 | 7 | 7 | 7 |
| **8** | 8 | 8 | 8 | 8 | 8 | 8 |
| **9** | 9 | 9 | 9 | 9 | 9 | 9 |
| **0** | 0 | 0 | FAV / 0 | 0 | 0 | 0 |
| **EPG** | EPG | | EPG / ? / A-B | EPG | GUIDE | EPG >II |
| **INFO** | INFO | | i | INFO | INFO | INFO |
| **MUTE** | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE |
| **TV/RADIO** | TV/RADIO | TV/VGA/AV | | SWAP | TV/DTV | TV/RADIO |
| **VOL+** | VOL+ | VOL+ | V+ | V+ | VOL+ | VOL+ |
| **VOL-** | VOL- | VOL- | V- | V- | VOL- | VOL- |
| **PROG+** | CH+ | CH+ | P+ | P+ | PCH+ | CH+ |
| **PROG-** | CH- | CH- | P- | P- | PCH- | CH- |
| **MENU** | MENU | MENU | M | MENU | MENU | TV MENU |
| **LIST** | PR LIST | CALL | OK | SEARCH MODE | PP | LIST |
| **BACK** | RETURN | | REPEAT | RETURN | P < PSWAP | RECALL/GOTO |
| **EXIT** | EXIT | | | PRESETS | -/-- EXIT | EXIT |
| **LEFT** | LEFT | LEFT | LEFT | LEFT | LEFT | LEFT |
| **RIGHT** | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT |
| **UP** | UP | UP | UP | UP | UP | UP |
| **DOWN** | DOWN | DOWN | DOWN | DOWN | DOWN | DOWN |
| **OK** | OK | MENU | OK | OK Select | OK | OK |
| **TIMER/RED** | SLEEP | TIMER | >II / red | ZOOM/red | red | DVD/USB + RED |
| **FAV/GREEN** | FAVORITE PR | AUTO | << / green | REPEAT/green | green | TITLE + GREEN |
| **REPEAT/YELLOW** | MEMORY | MODE | o / yellow | ROOT/yellow | yellow | PBC + YELLOW |
| **GOTO/BLUE** | SEARCH | -/-- | >> / blue | TITLE/blue | blue | ANGLE + BLUE |
| **AUDIO** | LANG | LANG | | LANG | \|-\|I | TV AUDIO / eject |
| **SUB** | SUBTITLE | | | SUBTITLE | | SUBTITLE |
| **TEXT** | TELETEXT | | TXT / I<< | | | TXT |
| **FILE** | no function | | | C | | DVD MENU |
| **PLAY** | GAME | CALL | >II / red | PLAY | | EPG >II pause |
| **PAUSE** | PAUSE | | 16:9 | PAUSE | | INDEX |
| **STOP** | P.ADJ | | o / yellow | STOP | | FAV / STOP |
| **REC** | P/N | | | REC | | DVD SETUP |
| **PREV** | AUDIO | | TXT / I<< | I<< | | I<< |
| **REW** | GUIDE | | << / green | >> | | << |
| **FWD** | - | COLOR SYS | >> / blue | << | | >> |
| **NEXT** | + | SOUND SYS | R / >>I | >>I | | >>I |

| Code | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 |
|---|---|---|---|---|---|---|
| | PALC019 LED03 C01 (28000072)<br>PALC022 LED03 C01F (28000073)<br>PALC024 LED03 C01F (28000074)<br>PALC032L07 HD READY (28000075)<br>PALC032LED05 FHD (28000080)<br>PALC019LED05 HD (28000085)<br>PALC022LED05 FHD (28000086)<br>PALC024LED05 FHD (28000087) | PALCO 32 (28000032)<br>PALC015 (28000035)<br>PALC019 (28000036)<br>PALC032/L03 (28000040)<br>PALC019/L03 (28000041)<br>PALC022/L03 (28000047) | TS07A (28000020) | TS19 WIDE (28000028)<br>PALCO 20 (28000033) | YOUNG 30" (29000006)<br>YOUNG 27" (29000007)<br>YOUNG 23" (29000008)<br>ORUM 37" (29000010)<br>ORUM 32" (29000011)<br>ORUM 27" (29000014) | TS32 HD ready (28000030)<br>TS37 full HD (28000031) |
| **POWER** | POWER | STAND BY | POWER | POWER | POWER | POWER |
| **SOURCE** | AV | AV | AV | AV | INPUT | SOURCE AV |
| **1** | 1 | 1 | 1 | 1 | 1 | 1 |
| **2** | 2 | 2 | 2 | 2 | 2 | 2 |
| **3** | 3 | 3 | 3 | 3 | 3 | 3 |
| **4** | 4 | 4 | 4 | 4 | 4 | 4 |
| **5** | 5 | 5 | 5 | 5 | 5 | 5 |
| **6** | 6 | 6 | 6 | 6 | 6 | 6 |
| **7** | 7 | 7 | 7 | 7 | 7 | 7 |
| **8** | 8 | 8 | 8 | 8 | 8 | 8 |
| **9** | 9 | 9 | 9 | 9 | 9 | 9 |
| **0** | 0 | 0 | 0 | 0 | 0 | 0 |
| **EPG** | EPG | Goto/EPG | | | | |
| **INFO** | INFO | Display/INFO | | | | INFO |
| **MUTE** | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE |
| **TV/RADIO** | RADIO | Setup/Freeze | | TUNER/blue | | |
| **VOL+** | VOL+ | VOL+ | VOL+ | VOL+ | VOL+ | V+ |
| **VOL-** | VOL- | VOL- | VOL- | VOL- | VOL- | V- |
| **PROG+** | CH+ | PR+ | CH+ | CH+ | PR+ | P+ |
| **PROG-** | CH- | PR- | CH- | CH- | PR- | P- |
| **MENU** | MENU | MENU | | MENU | MENU | M |
| **LIST** | LIST | program/FAV | CALL | CH.EDIT / yellow | LIST | SWAP P<P |
| **BACK** | | SWAP | | RECALL | EXIT | PP |
| **EXIT** | EXIT | EXIT/Clear | | CANCEL | EXIT | EXIT / -/-- |
| **LEFT** | LEFT | LEFT | VOL+ | LEFT | VOL+ | LEFT |
| **RIGHT** | RIGHT | RIGHT | VOL- | RIGHT | VOL- | RIGHT |
| **UP** | UP | UP | CH+ | UP | PR+ | UP |
| **DOWN** | DOWN | DOWN | CH- | DOWN | PR- | DOWN |
| **OK** | ENTER | OK | MENU | MENU | OK | Select/OK |
| **TIMER/RED** | SLEEP | title/red | TIMER | SOUND / red | PIP PR+ /red | red |
| **FAV/GREEN** | FAV | root/green | MODE | PICTURE/green | PIP PR- /green | green |
| **REPEAT/YELLOW** | INDEX | repeat/yellow | CALL | CH.EDIT / yellow | SWAP/yellow | yellow |
| **GOTO/BLUE** | | A-B/blue | "-/--" | TUNER/blue | PIP INPUT/blue | blue |
| **AUDIO** | AUDIO | AUDIO | LANG | SOUND / red | A.SWAP | I -II |
| **SUB** | SUB | SUBT | AUTO | SUBTITLE/index | | |
| **TEXT** | | TXT | CALE | TV/txt | TEXT | |
| **FILE** | FILE | 16.9 | | | | |
| **PLAY** | >II | Pos | | | | |
| **PAUSE** | SLEEP | zoom | | SLEEP | SLEEP | TXT TIME |
| **STOP** | STILL | PIP | | | | |
| **REC** | REC | Size | | | Q.VIEW | |
| **PREV** | I<< /yellow | TXT | | | PSM | |
| **REW** | << /red | Oval circle | | | ARC | WIDE |
| **FWD** | >> / green | BACK | | | I - II | |
| **NEXT** | >>I / blue | Music Note | | | SSM | |

| Code | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 |
|---|---|---|---|---|---|---|---|
| | PALC019/L07 B [28000058]<br>PALC022/L07 FHD B [28000059]<br>PALC019/L07 W [28000060]<br>PALC022/L07 F W [28000061]<br>PALC032L07 HD READY C01 [28000065]<br>PALC022L07 HD READY C01 [28000066]<br>PALC024L07 FULL HD C01F [28000067]<br>PALC032L07 FULL HD C01F [28000068] | PALC019/L02 COMBO [28003001]<br>PALC014/L02 COMBO - MB25 [28003005]<br>PALC024/L02 COMBO [28003006] | TS."VENTI" [28000013]<br>TS20 LCD [28000029] | PALC022 LED02F [28000081] | 20" YOUNG [28000009] | 20 | PALC019 LED04 [28000083]<br>PALC022 LED04 [28000084]<br>PALC019 LED04 COMBO [28003018]<br>PALC019LED06 [28000090]<br>PALC022LED06 [28000091]<br>PALC024LED06 [28000092]<br>PALC028LED06 [28000093]<br>PALC032LED06 [28000094]<br>PALC040LED06 [28000095] |
| **POWER** | POWER | POWER | POWER | STAND BY | POWER | POWER | POWER |
| **SOURCE** | AV | AV | | AV / INPUT | AV | TV/VIDEO | SOURCE AV |
| **1** | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| **2** | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| **3** | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| **4** | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| **5** | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **6** | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| **7** | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| **8** | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| **9** | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| **0** | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **EPG** | EPG | GUIDE | | EPG | | | GUIDE |
| **INFO** | INFO | INFO | | INFO | | 100 | INFO |
| **MUTE** | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE |
| **TV/RADIO** | RADIO | SWAP | | TV/RADIO | | | DTV/Radio |
| **VOL+** | VOL+ | V+ | V+ | VOL+ | V+ | VOL+ | V+ |
| **VOL-** | VOL- | V- | V- | VOL- | V- | VOL- | V- |
| **PROG+** | CH+ | P+ | P+ | CH+ | P+ | CH+ | P+ |
| **PROG-** | CH- | P- | P- | CH- | P- | CH- | P- |
| **MENU** | MENU | MENU | smart/red/<< | MENU | MENU | MENU | MENU |
| **LIST** | LIST | RETURN- red | pip F1 | ch- -- | TV | TV | USB |
| **BACK** | RECALL | I - II | | <-- --> | PC | PRE.CH | JUMP |
| **EXIT** | EXIT | EXIT I/II | Exit | EXIT | | EXIT | EXIT |
| **LEFT** | LEFT | LEFT | LEFT | LEFT | LEFT | LEFT | LEFT |
| **RIGHT** | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT |
| **UP** | UP | UP | UP | UP | UP | UP | UP |
| **DOWN** | DOWN | DOWN | DOWN | DOWN | DOWN | DOWN | DOWN |
| **OK** | ENTER | OK Select | OK | OK | OK | Enter | OK |
| **TIMER/RED** | red | TV | | RED | | | D.SETUP/red |
| **FAV/GREEN** | green | DTV | | GREEN | | | REPEAT/green |
| **REPEAT/YELLOW** | yellow | DVD | | YELLOW | | | ZOOM/yellow |
| **GOTO/BLUE** | blue | TIME PP | | BLUE | | | GOTO/blue |
| **AUDIO** | AUDIO/ i-ii | AUDIO / yellow | | AUDIO | | | AUDIO |
| **SUB** | SUBTITLE | SUBTITLE/ green | | SUBTITLE | | SLEEP | SUBTITLE |
| **TEXT** | TXT | REPEAT | vga/audio/blue | TEXT | TXT | | TXT |
| **FILE** | | D.MENU | | MEDIA | | RECALL | PVR LIST |
| **PLAY** | | >\|\| PLAY/PAUSE | | PLAY/PAUSE >\|\| | | | >\| |
| **PAUSE** | | TV | | SLEEP | | | TIMESHIFT |
| **STOP** | STILL | STOP | | STOP □ | | | □ |
| **REC** | | OPEN/CLOSE | | REC ⌀ | | | REC |
| **PREV** | FAV+ | \|<< PREV | | PREV \|<< | | | \|<< |
| **REW** | | << REW | | REW << | | | << |
| **FWD** | | >> FWD | | FWD >> | | | >> |
| **NEXT** | FAV- | >>\| NEXT | | NEXT >>\| | | >>\| |

| Code | 1022 | 1023 | 1024 | 1025 | 1026 | 2002 | 2003 |
|---|---|---|---|---|---|---|---|
| | PALC016L08 HD READY B01 (28000044)<br>PALC019L08 HD READY B01 (28000045)<br>PALC022L08 HD READY B01 (28000046)<br>PALC019/L05 (28000056)<br>PALC022/L05 (28000057)<br>PALC024L08 FULL HD B01F (28000064)<br>PALC019 LED01 B01 (28000069)<br>PALC022 LED01 B01F (28000070)<br>PALC024 LED01 B01F (28000071)<br>PALC016 LED01 B01 (28000082) | TV LCD<br>PALC019<br>L03 COMBO<br>(28003003) | PALC046<br>LED FULL<br>HD<br>(28090002<br>) | PALC040<br>LED02 FULL<br>HD<br>(28090003) | PALC019<br>LED06<br>(28000090)<br>PALC022<br>LED06<br>(28000091)<br>PALC024<br>LED06<br>(28000092)<br>PALC032<br>LED06<br>(28000094)<br>PALC040<br>LED06<br>(28000095) | TS4281<br>(21005175)<br>ODE708<br>(21005176)<br>TS6291<br>(21005177)<br>ODE760<br>(21005178) | BLOBBOX<br>(21005180) |
| **POWER** | POWER | | POWER | POWER | POWER | STAND BY | |
| **SOURCE** | AV SOURCE | AV | AV | AV | SOURCE | AV | BLOB |
| **1** | 1 | 1 | | | 1 | 1 | 1 |
| **2** | 2 | 2 | | | 2 | 2 | 2 |
| **3** | 3 | 3 | | | 3 | 3 | 3 |
| **4** | 4 | 4 | | | 4 | 4 | 4 |
| **5** | 5 | 5 | | | 5 | 5 | 5 |
| **6** | 6 | 6 | | | 6 | 6 | 6 |
| **7** | 7 | 7 | | | 7 | 7 | 7 |
| **8** | 8 | 8 | | | 8 | 8 | 8 |
| **9** | 9 | 9 | | | 9 | 9 | 9 |
| **0** | 0 | 0 | | | 0 | 0 | 0 |
| **EPG** | EPG | EPG/Goto | | | EPG | EPG | EPG |
| **INFO** | INFO | INFO/Display | | | INFO | INFO | |
| **MUTE** | MUTE | MUTE | | | MUTE | MUTE | |
| **TV/RADIO** | TV/RADIO | ZOOM | | | DTV/RADIO | TV/RADIO | FRIENDS |
| **VOL+** | VOL+ | VOL+ | | | V+ | VOL+ | |
| **VOL-** | VOL- | VOL- | | | V- | VOL- | |
| **PROG+** | CH+ | PR+ | | | P+ | CH+ | |
| **PROG-** | CH- | PR- | | | P- | CH- | |
| **MENU** | TV MENU | MENU | MENU | MENU | MENU | MENU | MENU |
| **LIST** | | FAV/Program | AV.RATIO | AV.RATIO | PVR | OK | |
| **BACK** | RECALL | BACK | | | BACK | BACK | BACK |
| **EXIT** | EXIT | EXIT/Clear | | | EXIT | EXIT | CANC |
| **LEFT** | LEFT | LEFT | LEFT | LEFT | LEFT | LEFT | LEFT |
| **RIGHT** | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT |
| **UP** | UP | UP | UP | UP | UP | UP | UP |
| **DOWN** | DOWN | DOWN | DOWN | DOWN | DOWN | DOWN | DOWN |
| **OK** | OK | OK Select | OK | OK | OK | OK | OK |
| **TIMER/RED** | RED | RED/TITLE | | | RED D.SETUP | RED | RED |
| **FAV/GREEN** | GREEN | GREEN/ROOT | | | GREEN REPEAT | GREEN | GREEN |
| **REPEAT/YELLOW** | YELLOW | YELLOW REPEAT | | | YELLOW ZOOM | YELLOW | YELLOW |
| **GOTO/BLUE** | BLUE | BLUE/A-B | | | BLUE GOTO | BLUE | BLUE |
| **AUDIO** | AUDIO | AUDIO | | | AUDIO I/II | AUDIO | TV |
| **SUB** | SUBTITLE | SUBT | | | SUBTITLE | SUB | VOTE |
| **TEXT** | TEXT | I<</TXT | | | TEXT | TEXT | |
| **FILE** | | SETUP | | | USB | FILE | |
| **PLAY** | > | >|| | | PLAY/PAUSE | PLAY/PAUSE | >|| |
| **PAUSE** | || | PAUSE | | | TIMESHIFT | PLAY/PAUSE | LOCK |
| **STOP** | STOP □ | STOP | | | STOP | STOP | STOP |
| **REC** | REC/REP | | | | REC | REC | REC |
| **PREV** | PREV I<< | I<</TXT | | | PREV <<I | PREV | >>I |
| **REW** | REW << | >> | | | REV << | REW | << |
| **FWD** | FWD >> | << | | | FWD >> | FWD | >> |
| **NEXT** | NEXT >>I | >>I / Music | | | NEXT >>I | NEXT | I<< |

| Code | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|---|---|---|---|
| | **TS3.1F (21005081)**<br>**TS4.1F (21005076)**<br>**TS4.3C (21005090)** | **TS6000 (21005103)** | **TS6201 DT (21005111)**<br>**TS6203 (21005144)**<br>**TS6211DT (21005127)**<br>**TS6100DT (21005122)** | **TS6200 DT (21005109)** | **TS4.5HD-CI (21005102)**<br>**TS4600HD-CI (21005114)**<br>**ODE820 (21005101)** | **TS6206DT BLACK (21005123)**<br>**TS6206DT WHITE (21005131)**<br>**TS6207DT BLACK (21005134)**<br>**TS6207DT WHITE (21005135)**<br>**TS6002 (21005142)**<br>**TS6005 (21005163)**<br>**ODE706 BLACK (21005136)**<br>**ODE706 WHITE (21005137)**<br>**ODE702 (21005159)**<br>**ODE703 (21005164)**<br>**ODE707 (21005151)**<br>**TS6208 (21005147)** | **TS9000TIVÙ B (21005121)**<br>**TS9010HD TIVÙ (21005181)**<br>**ODE710 TIVU (21005154)**<br>**ODE712HD TIVÙ (21005182)**<br>**TS9001 TIVÙ (21005239)**<br>**ODE711/01 TIVÙ (21005240)** | **TS7900HD B (21005126)**<br>**TS7900HD WHITE (21005138)**<br>**TS6600HD (21005170)**<br>**TS7800HD (21005161)**<br>**ODE790HD (21005171)**<br>**ODE780 (21005155)**<br>**ODE781 (21005173)** |
| **POWER** | ON/STD.BY | POWER | ON/ST.BY | ON/ST.BY | STANDBY | POWER | STANDBY | POWER |
| **SOURCE** | TV | TV | FAV | TV | | OK | AV | AV |
| **1** | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| **2** | 2 abc | 2 abc | 2 | 2 | 2 abc | 2 | 2 abc | 2 abc |
| **3** | 3 def | 3 def | 3 | 3 | 3 def | 3 | 3 def | 3 def |
| **4** | 4 ghi | 4 ghi | 4 | 4 | 4 ghi | 4 | 4 ghi | 4 ghi |
| **5** | 5 jkl | 5 jkl | 5 | 5 | 5 jkl | 5 | 5 jkl | 5 jkl |
| **6** | 6 mno | 6 mno | 6 | 6 | 6 mno | 6 | 6 mno | 6 mno |
| **7** | 7 pqrs | 7 pqrs | 7 | 7 | 7 pqrs | 7 | 7 pqrs | 7 pqrs |
| **8** | 8 tuv | 8 tuv | 8 | 8 | 8 tuv | 8 | 8 tuv | 8 tuv |
| **9** | 9 wxyz | 9 wxyz | 9 | 9 | 9 wxyz | 9 | 9 wxyz | 9 wxyz |
| **0** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **EPG** | EPG | EPG | EPG | GUIDE | EPG /RED | EPG | EPG | GUIDA |
| **INFO** | I | I | INFO | INFO | INFO | I | INFO | INFO |
| **MUTE** | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE |
| **TV/RADIO** | TV/RADIO | TV/RAD | TV/RADIO | TV/RADIO | TV/RADIO | TV/RAD | TV/RAD | TV/RAD |
| **VOL+** | VOL+ / RIGHT | VOL+ / RIGHT | VOL+ | VOL+ / LEFT | VOL+ | VOL+ / RIGHT | VOL+ | VOL+ |
| **VOL-** | VOL- / LEFT | VOL- / LEFT | VOL- | VOL- / RIGHT | VOL- | VOL- / LEFT | VOL- | VOL- |
| **PROG+** | PAGE+ | PAGE+ | CH+ | UP << | CH+ | P+ | CH+ | P+ |
| **PROG-** | PAGE- | PAGE- | CH- | DOWN >> | CH- | P- | CH- | P- |
| **MENU** | MENU | MENU | MENU | MENU | MENU | MENU | MENU | MENU |
| **LIST** | BROWSE | BROWSE | OK | OK | LIST | OK | LIST | LISTA |
| **BACK** | ALT | ALT | RECALL | EXIT | PP | BACK | BACK | BACK |
| **EXIT** | EXIT | EXIT | EXIT | EXIT | EXIT | EXIT | EXIT | EXIT |
| **LEFT** | VOL- / LEFT | VOL- / LEFT | LEFT | VOL- / RIGHT | LEFT | VOL- / LEFT | LEFT | LEFT |
| **RIGHT** | VOL+/ RIGHT | VOL+/ RIGHT | RIGHT | VOL+ / LEFT | RIGHT | VOL+ / RIGHT | RIGHT | RIGHT |
| **UP** | CH+ / UP | CH+ | UP | CH+ / UP | UP | CH+ /UP | UP | UP |
| **DOWN** | CH+ / DOWN | CH- | DOWN | CH- / DOWN | DOWN | CH- / DOWN | DOWN | DOWN |
| **OK** | OK | OK | OK | OK | OK | OK | OK | OK |
| **TIMER/RED** | RED | RED | RED | LANG/RED | PICTURE | RED | RED | RED |
| **FAV/GREEN** | GREEN | GREEN | GREEN | AUDIO/GREEN | GREEN | GREEN | GREEN | GREEN |
| **REPEAT/YELLOW** | YELLOW | YELLOW | YELLOW | PAUSE/YELL | YELLOW | YELLOW | YELLOW | YELLOW |
| **GOTO/BLUE** | BLUE | BLUE | BLUE | TEXT/BLUE | BLUE | BLUE | BLUE | BLUE |
| **AUDIO** | AUDIO | AUDIO | AUDIO | AUDIO/GREEN | AUDIO | AUDIO | AUDIO | AUDIO |
| **SUB** | SUB | SUB | SUBTITLE | SUBTITLE | SUBT | SUBT | SUB | SUB |
| **TEXT** | TEXT | TEXT | TTX | TEXT/BLUE | TTX | TEXT | TXT | TXT |
| **FILE** | | CH.SURF | FAV | FAV | FILE | | APP | FILE |
| **PLAY** | | | OK | OK | PLAY > | | | PLAY/PAUSE |
| **PAUSE** | FREEZE | FREEZE | PAUSE | PAUSE/YELL | PAUSE | | | APP |
| **STOP** | | SLEEP | PAUSE | PAUSE/YELL | STOP | | | STOP |
| **REC** | | | LANG | LANG/RED | FAV | | | REC |
| **PREV** | PAGE- | FAV- | PAGE+ | DOWN >> | V.FORMAT | | | PREV \|<< |
| **REW** | CH+/ DOWN | PAGE- | PAGE+ | DOWN >> | REW << | | | REW << |
| **FWD** | CH+ / UP | PAGE+ | PAGE- | UP << | FWD >> | | | FWD >> |
| **NEXT** | PAGE+ | FAV+ | PAGE- | UP << | A.RATIO | | | NEXT >>\| |

| Code | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|
| | TS4500HD (21005130) | TS6003 (21005141) | TS6510HD (21005116) | TS4280 (21005146) | TS6290 (21005148) | TS6511 HD (21005160) | TS6210 (21005174) | TS6006 (21005165)<br>ODE704 (21005191) | TS6209 (21005156) |
| POWER | POWER | STAND BY | POWER | STANDBY | STANDBY | STANDBY | POWER | STANDBY | STANDBY |
| SOURCE | A/V+ | FAV | FAV | DEVICE | AV | DTV/VCR | TV/AV | OK | AV |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 abc | 2 | 2 | 2 | 2 | 2 | 2 abc |
| 3 | 3 | 3 | 3 def | 3 | 3 | 3 | 3 | 3 | 3 def |
| 4 | 4 | 4 | 4 ghi | 4 | 4 | 4 | 4 | 4 | 4 ghi |
| 5 | 5 | 5 | 5 jkl | 5 | 5 | 5 | 5 | 5 | 5 jkl |
| 6 | 6 | 6 | 6 mno | 6 | 6 | 6 | 6 | 6 | 6 mno |
| 7 | 7 | 7 | 7 pqrs | 7 | 7 | 7 | 7 | 7 | 7 pqrs |
| 8 | 8 | 8 | 8 tuv | 8 | 8 | 8 | 8 | 8 | 8 tuv |
| 9 | 9 | 9 | 9 wxyz | 9 | 9 | 9 | 9 | 9 | 9 wxyz |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPG | EPG | EPG | EPG | EPG | AUDIO | EPG | EPG | EPG | EPG |
| INFO | I | INFO | INFO | INFO | INFO | INFO | I | INFO | INFO |
| MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE |
| TV/RADIO | TV/Rad | TV/RADIO | <-- RADIO | TV/RADIO | TV/RADIO | TV/RADIO | TV/RADIO | TV/RADIO | TV/Radio |
| VOL+ | V+ / RIGHT | VOL+ | RIGHT | VOL+/RIGHT | VOL+/RIGHT | VOL+/RIGHT | VOL+ | VOL+ | VOL+ |
| VOL- | V- / LEFT | VOL- | LEFT | VOL-/LEFT | VOL-/LEFT | VOL-/LEFT | VOL- | VOL- | VOL- |
| PROG+ |  | PAGE+ |  | CH+/UP | PAGE+ | GOTO | CH+ | CH+ | CH+ |
| PROG- |  | PAGE- |  | CH-/DOWN | PAGE- | REPEAT | CH- | CH- | CH- |
| MENU | MENU | MENU | MENU | MENU | MENU | MENU | MENU | MENU | MENU |
| LIST | OK | OK | FILTER | FAVORITE | GOTO | FAV | LIST | OK | OK |
| BACK |  | RECALL | RECALL | RECALL | RECALL | RECALL | BACK | BACK | BACK |
| EXIT |  | EXIT | EXIT | EXIT | EXIT | EXIT | EXIT | EXIT | EXIT |
| LEFT | V- / LEFT | LEFT | LEFT | VOL-/LEFT | VOL-/LEFT | VOL-/LEFT | LEFT | LEFT | LEFT |
| RIGHT | V+ / RIGHT | RIGHT | RIGHT | VOL+/RIGHT | VOL+/RIGHT | VOL+/RIGHT | RIGHT | RIGHT | RIGHT |
| UP | P+ / UP | UP | UP | CH+/UP | CH+/UP | CH+/UP | UP | UP | UP |
| DOWN | P- / DOWN | DOWN | DOWN | CH-/DOWN | CH-/DOWN | CH-/DOWN | DOWN | DOWN | DOWN |
| OK | OK | OK | OK | OK | OK | OK | OK | OK | OK |
| TIMER/RED | | RED | LANG/RED | RED | RED | RED | RED | RED / STOP | RED |
| FAV/GREEN | | GREEN | PAUSE/GREEN | GREEN | GREEN | GREEN | GREEN | GREEN / PLAY | GREEN |
| REPEAT/YELLOW | | YELLOW | A/V / YELLOW | YELLOW | YELLOW | YELLOW | YELLOW | YELLOW/ I> | YELLOW |
| GOTO/BLUE | | BLUE | TV-STB / BLUE | BLUE | BLUE | BLUE | BLUE | BLUE/TIMESHIF | BLUE |
| AUDIO | OPT | LANG | LANG | AUDIO | LANG | AUDIO | AUDIO | AUDIO | OPTION |
| SUB | OPT | SUB-T | TV | SUBTITLE | SUBTITLE | SUB | SUB | SUB-T | OPTION |
| TEXT | TXT | TTX | TTX | TELETEXT | TTX | TTX | TTX | TEXT | TEXT |
| FILE | FAV | FAV | QUICK FIND | FILE | FILE | PVR LIST |  | BLUE/TIMESHIF | |
| PLAY | A-Z | AUDIO | F1 | PLAY/PAUSE | PLAY/PAUSE | PLAY | | GREEN / PLAY | |
| PAUSE | SLEEP/TV/STB | PAUSE | F2 | REPEAT | SLOW | PAUSE | | GREEN / PLAY | |
| STOP | | PAUSE | F3 | STOP | STOP | STOP | | RED / STOP | |
| REC | | | F4 | RECORD | RECORD | PVR REC | | REC | |
| PREV | | |  | I<< | I<< | PREV I<< | | << | |
| REW | | |  | << | << | REW << | | << | |
| FWD | | |  | >> | >> | FWD >> | | >> | |
| NEXT | | |  | >>I | >>I | NEXT >>I | | >> | |

| Code | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---|---|---|---|---|---|---|---|---|
| | TS4215 (21005199)<br>TS4212 (21005200)<br>TS4004 (21005201)<br>TS4007 (21005202)<br>ODE7010 (21005203)<br>TS4282 (21005183)<br>ODE7030 (21005204) | TS7500HD<br>TS7510HD<br>TS7520HD | TS3000 (21005190) | TS4520HD (21005196)<br>TS4512HD (21005197)<br>ODE8120HD (21005205) | TS4513HD (21005214)<br>TS4010HD (21005215)<br>TS4515HD tu (21005226)<br>TS4283 (21005227)<br>TS4214 (21005223)<br>ODE7031 (21005228) | TS3001 (21005206)<br>ODE7050 (21005207) | TS6101 (21005216)<br>TS6001 (21005198) | TS4213 (21005219)<br>ODE7020 (21005213) |
| POWER | POWER | POWER | POWER | ON/ST.BY | POWER | POWER | POWER | POWER |
| SOURCE | VCR/STOP | PREM.PLAY | FAV | FAV | SOURCE | FAV | | DTV/VCR |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 abc | 2 | 2 abc | 2 abc | 2 abc | 2 | 2 |
| 3 | 3 | 3 def | 3 | 3 def | 3 def | 3 def | 3 | 3 |
| 4 | 4 | 4 ghi | 4 | 4 ghi | 4 ghi | 4 ghi | 4 | 4 |
| 5 | 5 | 5 jkl | 5 | 5 jkl | 5 jkl | 5 jkl | 5 | 5 |
| 6 | 6 | 6 mno | 6 | 6 mno | 6 mno | 6 mno | 6 | 6 |
| 7 | 7 | 7 pqrs | 7 | 7 pqrs | 7 pqrs | 7 pqrs | 7 | 7 |
| 8 | 8 | 8 tuv | 8 | 8 tuv | 8 tuv | 8 tuv | 8 | 8 |
| 9 | 9 | 9 wxyz | 9 | 9 wxyz | 9 wxyz | 9 wxyz | 9 | 9 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPG | EPG | Guida | EPG | EPG | EPG | EPG | | EPG |
| INFO | INFO | Info | I | INFO | INFO | INFO | INFO | INFO |
| MUTE | MUTE | APP | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE |
| TV/RADIO | TV/RADIO | TV/RAD | TV/RAD | TV/RADIO | TV/RADIO | TV/RAD | TV/RADIO | TV/RADIO |
| VOL+ | VOL+ | VOL+ | VOL+ / RIGHT | VOL++ | VOL+ | VOL+ / RIGHT | VOL+ / RIGHT | VOL+ |
| VOL- | VOL- | VOL- | VOL- / LEFT | VOL-- | VOL- | VOL- / LEFT | VOL- / LEFT | VOL- |
| PROG+ | CH+ | CH+ | P+ / REC | PROG++ | PROG+ | PAGE+ / REC | PAGE+ | CH+ |
| PROG- | CH- | CH- | P- / STOP | PROG-- | PROG- | PAGE- / STOP | PAGE- | CH- |
| MENU | MENU | Menu | MENU | MENU | MENU | MENU | MENU | MENU |
| LIST | OK | Lista | OK | OK | LIST / FAV | OK | OK | OK |
| BACK | RECALL | Back | BACK | BACK | BACK | BACK | RECALL | BACK |
| EXIT | EXIT | EXIT / Stop | EXIT | EXIT | EXIT | EXIT | EXIT | EXIT |
| LEFT | LEFT / I<< | LEFT | VOL- / LEFT | LEFT | LEFT | VOL- / LEFT | VOL- / LEFT | LEFT |
| RIGHT | RIGHT / >>I | RIGHT | VOL+ / RIGHT | RIGHT | RIGHT | VOL+ / RIGHT | VOL+ / RIGHT | RIGHT |
| UP | UP | UP | CH+ / UP | UP | UP | CH+ / UP | CH+ / UP | UP |
| DOWN | DOWN | DOWN | CH- / DOWN | DOWN | DOWN | CH- / DOWN | CH- / DOWN | DOWN |
| OK | OK | OK | OK | OK | OK | OK | OK | OK |
| TIMER/RED | RED/AUDIO | RED | RED | RED | TIMER/RED/DTV-VCR | RED | RED | RED |
| FAV/GREEN | GREEN/SUB | GREEN | GREEN / SUB | GREEN | FAV/GREEN | GREEN / SUB | GREEN | GREEN |
| REPEAT/ YELLOW | YELLOW/TEXT | YELLOW | YELLOW / TEXT | YELLOW | REPEAT/YELLOW | YELLOW/TEXT | YELLOW | YELLOW |
| GOTO/BLUE | BLUE/TIMESHIFT | BLUE | BLUE | BLUE | GOTO/BLUE | BLUE | BLUE | BLUE |
| AUDIO | RED/AUDIO | Opzioni | AUDIO | AUDIO | AUDIO | AUDIO | AUDIO | AUDIO |
| SUB | GREEN/SUB | Opzioni | GREEN / SUB | SUB | SUB | GREEN / SUB | SUBTITLE | SUBTITLE |
| TEXT | YELLOW/TEXT | TEXT | YELLOW / TEXT | TEXT | TEXT | YELLOW/TEXT | TTX | TTX |
| FILE | FILE / >> | FILE | | FILE | FILE | FAV | | |
| PLAY | >II | >II | >II | PLAY/PAUSE | PLAY | >II | | |
| PAUSE | >II | >II | >II | SLEEP | PAUSE | >II | PAUSE | |
| STOP | VCR/STOP | EXIT / Stop | P- / STOP | STOP | STOP | PAGE- / STOP | | |
| REC | [redacted] | REC | P+ / REC | REC | REC | PAGE+ / REC | | |
| PREV | FAV/ << | PREV I<< | ZOOM | PREV | PREV | ZOOM | | |
| REW | FAV/ << | REW | << | REW | REW | << | | |
| FWD | FILE / >> | FWD | >> | FW | FWD | >> | | |
| NEXT | FILE / >> | NEXT >>I | FAV | NEXT | NEXT | | | |

| Code | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
|---|---|---|---|---|---|---|---|---|
| | ODE750D (21005094)<br>ODE750I-(21005098)<br>ODE750A (21005087)<br>ODE700I (21005100)<br>ODE720I (21005097)<br>ODE730D (21005095)<br>ODE720D (21005094)<br>ODE700D (21005093)<br>ODE700A (21005084)<br>ODE705 (21005085)<br>ODE720A (21005083)<br>ODE730A (21005082) | HDR20 (21005047) | ODE7060 HDC (21005245) | TS 7.0DT (21005072) | TS 7.2DT (21005049)<br>TS 7.4DT (21005070)<br>ODE846 (21005065) | TS 7.7DT (21005077)<br>ODE849 (21005079) | TS4501CI+ HD (21005210)<br>ODE821CI+ HD (21005211) | TS6001 (21005198) |
| POWER | STAND.BY | POWER | POWER | STANDBY | POWER | STANDBY | POWER | POWER |
| SOURCE | TUNER or T<>S | TV/SAT | FAV | | TV | | FAV / A-B | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 abc | 2 | 2 | 2 abc | 2 | 2 abc | 2 |
| 3 | 3 | 3 def | 3 | 3 | 3 def | 3 | 3 def | 3 |
| 4 | 4 | 4 ghi | 4 | 4 | 4 ghi | 4 | 4 ghi | 4 |
| 5 | 5 | 5 jkl | 5 | 5 | 5 jkl | 5 | 5 jkl | 5 |
| 6 | 6 | 6 mno | 6 | 6 | 6 mno | 6 | 6 mno | 6 |
| 7 | 7 | 7 pqrs | 7 | 7 | 7 pqrs | 7 | 7 pqrs | 7 |
| 8 | 8 | 8 tuv | 8 | 8 | 8 tuv | 8 | 8 tuv | 8 |
| 9 | 9 | 9 wxyz | 9 | 9 | 9 wxyz | 9 | 9 wxyz | 9 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPG | GUIDE | GUIDE | EPG | EPG | EPG | EPG | EPG | EPG |
| INFO | BLUE/INFO | INFO | INFO | Info | I | Info | INFO | INFO |
| MUTE | MUTE | MUTE | MUTE | Mute | MUTE | Mute | MUTE | MUTE |
| TV/RADIO | TV/RADIO | TV/RADIO | TV/RADIO | TV/Radio | TV/RAD | TV/Radio | [illegible] | TV/RADIO |
| VOL+ | VOL+ | VOL+ / RIGHT | RIGHT | VOL+ | VOL+ | VOL+ | VOL+ / RIGHT | VOL+ |
| VOL- | VOL- | VOL- / LEFT | LEFT | VOL- | VOL- | VOL- | VOL- / LEFT | VOL- |
| PROG+ | CH+ | CH+ / UP | UP | CH+ | PROG+ | CH+ | P++ | CH+ |
| PROG- | CH- | CH- / DOWN | DOWN | CH- | PROG- | CH- | P-- | CH- |
| MENU | MENU | MENU | MENU | Menu | MENU | Menu | MENU | MENU |
| LIST | OK | CH.LIST | GOTO | List | LIST | List | OK | OK |
| BACK | RECALL | RECALL | RECALL | Recall | BACK | Recall | [illegible] | BACK |
| EXIT | EXIT | EXIT | EXIT | Exit | EXIT | Exit | EXIT | EXIT |
| LEFT | LEFT | VOL- / LEFT | LEFT | LEFT | LEFT | LEFT | VOL-/LEFT | LEFT |
| RIGHT | RIGHT | VOL+ / RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | VOL+/RIGHT | RIGHT |
| UP | UP | CH+ / UP | UP | UP | UP | UP | CH+ | UP |
| DOWN | DOWN | CH- / DOWN | DOWN | DOWN | DOWN | DOWN | CH- | DOWN |
| OK | OK | OK [illegible] | OK | OK | OK | OK | OK | OK |
| TIMER/RED | RED / SUB-T | ORANGE | RED | RED | RED | RED | RED / FIND | RED |
| FAV/GREEN | GREEN / SORT | GREEN | GREEN | GREEN | GREEN | GREEN | GREEN | GREEN |
| REPEAT/YELLOW | YELLOW / TIMER | YELLOW / >> | YELLOW | YELLOW | YELLOW | YELLOW | YELLOW/MARK | YELLOW |
| GOTO/BLUE | BLUE/INFO | >|| / BLUE/TTX | BLUE | BLUE | BLUE | BLUE | BLUE/JUMP | BLUE |
| AUDIO | A.LANG | AUDIO | AUDIO | Audio | AUDIO | Audio | AUDIO | AUDIO |
| SUB | RED / SUB-T | SUBTITLE | SUB | SUB | | SUB | SWAP / SUB | SUBTITLE |
| TEXT | TEXT | | TTX | TTX | TEXT | TTX | TXT | TTX |
| FILE | TV/STB | ORANGE/ ARCHIVES | PVR | A.ratio | | A.ratio | USB | |
| PLAY | A.L/R | >|| / BLUE/TTX | PLAY > | | | | > PLAY | |
| PAUSE | PAUSE | SLEEP | PAUSE || | | | | || STEP | |
| STOP | SLEEP | STOP / IVORY | STOP | | | | STOP | |
| REC | FAV | REC | REC | | | | REC | |
| PREV | V.FORMAT or M-PIG | AUX IN | <<| | Back | | Back | |< |
| REW | P.SIZE | << / REC TIMER | << | Back | | | Back | << |
| FWD | ZOOM | >> | >> | APP | | | APP | >> |
| NEXT | OPTION or P.STD | FAV | >>| | APP | | | APP | >| |

| Code | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 |
|---|---|---|---|---|---|---|
| | TS6284 (21005229) | TS7002 (21005249) | TS7000MHP (21005104)<br>TS7200MHP B (21005107)<br>TS7200MHP S (21005105)<br>TS7700MHP B (21005108)<br>ODE848 (21005120) | TS3002 (21005222)<br>TS3002 GN (21005236) | TS3010HD ITALIA (21005247)<br>TS3010HD GENERIC (21005248) | TS4700 T2HD (21005221)<br>TS4515HD (21005224)<br>ODE8200 T2HD (21005252) |
| POWER | STANDBY | POWER | POWER | STANDBY | STAND BY | STANDBY |
| SOURCE | DTV/VCR | | TV/STB | DTV/VCR | USB | FAVOR |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 abc | 2 | 2 | 2 abc |
| 3 | 3 | 3 | 3 def | 3 | 3 | 3 def |
| 4 | 4 | 4 | 4 ghi | 4 | 4 | 4 ghi |
| 5 | 5 | 5 | 5 jkl | 5 | 5 | 5 jkl |
| 6 | 6 | 6 | 6 mno | 6 | 6 | 6 mno |
| 7 | 7 | 7 | 7 pqrs | 7 | 7 | 7 pqrs |
| 8 | 8 | 8 | 8 tuv | 8 | 8 | 8 tuv |
| 9 | 9 | 9 | 9 wxyz | 9 | 9 | 9 wxyz |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPG | EPG | EPG | EPG | EPG | EPG | EPG |
| INFO | INFO | INFO | I INFO | INFO | INFO | INFO |
| MUTE | MUTE | MUTE | Mute | MUTE | MUTE | MUTE |
| TV/RADIO | YELLOW / TV-RADIO | TV/RAD | TV/Radio | YELLOW/TVRADIO | TV/RADIO | TV/R |
| VOL+ | VOL+ / RIGHT | VOL+ | Vol+ | RIGHT/VOL+ | VOL+ | VOL > |
| VOL- | VOL- / LEFT | VOL- | Vol- | LEFT/VOL- | VOL- | VOL < |
| PROG+ | CH+ / UP | P+ | CH+ | CH+/UP | TIMER | CH ^ |
| PROG- | CH- / DOWN | P- | CH- | CH-/DOWN | TIMER | CH v |
| MENU | MENU | MENU | Menu | MENU | MENU | MENU |
| LIST | OK | LIST | List | OK | FAV | OK |
| BACK | RECALL | BACK | Back | EXIT | RECALL | LAST |
| EXIT | EXIT | EXIT | Exit | BACK | EXIT | EXIT |
| LEFT | VOL- / LEFT | LEFT | LEFT | LEFT/VOL- | VOL- | VOL < |
| RIGHT | VOL+ / RIGHT | RIGHT | RIGHT | RIGHT/VOL+ | VOL+ | VOL > |
| UP | CH+ / UP | UP | UP | CH+/UP | CH+ | CH ^ |
| DOWN | CH- / DOWN | DOWN | DOWN | CH-/DOWN | CH- | CH v |
| OK | OK | OK | OK | OK | OK | OK |
| TIMER/RED | RED | RED | RED | RECORD | RED | RED \|<< |
| FAV/GREEN | GREEN/REC/LIST | GREEN | GREEN | GREEN / RECLIST | GREEN | GREEN << |
| REPEAT/YELLOW | YELLOW / TV-RADIO | YELLOW | YELLOW | YELLOW/TVRADIO | YELLOW | YELLOW >> |
| GOTO/BLUE | BLUE / STOP | BLUE | BLUE | BLUE | BLUE | BLUE >>\| |
| AUDIO | AUDIO | AUDIO | Audio | AUDIO | AUDIO | AUDIO |
| SUB | SUBTITLE | SUB | SUB | SUBTITLE | SUBTITLE | SUB-T |
| TEXT | TEXT | TEXT | Text | TEXT | TTX | TEXT |
| FILE | GREEN/REC/LIST | FAV | A.ratio | GREEN / RECLIST | MEDIA | USB |
| PLAY | PAUSE | APP | | PLAY/PAUSE | PLAY | >\|\| |
| PAUSE | PAUSE | | | PLAY/PAUSE | PAUSE | >\|\| |
| STOP | BLUE / STOP | | | BLUE/STOP | STOP | STOP |
| REC | RECORD | TIMER | | RECORD | RECORD | * |
| PREV | | | Back | | \|<< | RED \|<< |
| REW | REV | | Back | REV << | << | GREEN << |
| FWD | FWD | | APP | FWD >> | >> | YELLOW >> |
| NEXT | FAV | | APP | | >>\| | BLUE >>\| |

| Code | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 |
|---|---|---|---|---|---|---|---|
| | TS7001 (28005237) | TS770172 HD (21005230)<br>TS7901HD (21005231) | TS9020HD (21005232) | TS6515HD (21005224) | TS9011HD (21005253)<br>ODE713HD (21005254) | TS6800 T2HEVC (21005168) | TS5100 (28010021) |
| POWER | STANDBY | POWER | POWER | POWER | POWER | POWER | STAND BY |
| SOURCE | | APP | APP | FAV |  | | SOURCE |
| 1 | 1 .;;@ | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 abc | 2 | 2 | 2 | 2 ABC | 2 abc | 2 |
| 3 | 3 def | 3 | 3 | 3 | 3 DEF | 3 def | 3 |
| 4 | 4 ghi | 4 | 4 | 4 | 4 GHI | 4 ghi | 4 |
| 5 | 5 jkl | 5 | 5 | 5 | 5 JKL | 5 jjkl | 5 |
| 6 | 6 mno | 6 | 6 | 6 | 6 MNO | 6 mno | 6 |
| 7 | 7 pqrs | 7 | 7 | 7 | 7 PQRS | 7 pqrs | 7 |
| 8 | 8 tuv | 8 | 8 | 8 | 8 TUV | 8 tuv | 8 |
| 9 | 9 wxyz | 9 | 9 | 9 | 9 WXYZ | 9 wxyz | 9 |
| 0 | 0 - | 0 | 0 | 0 | 0 | 0 | 0 |
| EPG | EPG | EPG | EPG | EPG | EPG | EPG | 10+ |
| INFO | INFO | INFO | INFO | INFO | Info | INFO | ANGLE |
| MUTE | MUTE | MUTE | MUTE | MUTE | Mute | MUTE | MUTE |
| TV/RADIO | | TV/RADIO | SMART | TV/RADIO |  | FAV | GOTO |
| VOL+ | VOL+ | VOL+ | VOL+ | VOL+ | V+ | VOL+ | VOL+ |
| VOL- | VOL- | VOL- | VOL- | VOL- | V- | VOL- | VOL- |
| PROG+ | P+ | PROG+ | PROG+ | PROG+ | P+ | CH+ | MENU/PBC |
| PROG- | P- | PROG- | PROG- | PROG- | P- | CH- | RETURN |
| MENU | MENU | MENU | MENU | MENU | Menu | MENU | SETUP |
| LIST | OK | LIST | LIST | GOTO | List | OK | OSD |
| BACK | BACK | BACK | BACK | RECALL | Back | BACK | TITLE |
| EXIT | EXIT | EXIT | EXIT | EXIT | Exit | EXIT | MENU |
| LEFT | < | LEFT | LEFT | LEFT | LEFT | LEFT | LEFT |
| RIGHT | > | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT |
| UP | ^ | UP | UP | UP | UP | UP | UP |
| DOWN | v | DOWN | DOWN | DOWN | DOWN | DOWN | DOWN |
| OK | OK | OK | OK | OK | OK | OK | ENTER |
| TIMER/RED | RED | RED | RED | RED | RED | RED | PROG |
| FAV/GREEN | GREEN | GREEN | GREEN | GREEN | GREEN | GREEN | CLEAR |
| REPEAT/YELLOW | YELLOW | YELLOW | YELLOW | YELLOW | YELLOW | YELLOW | REPEAT |
| GOTO/BLUE | BLUE | BLUE | BLUE | BLUE | BLUE | BLUE | ZOOM |
| AUDIO | AUDIO | AUDIO | AUDIO | AUDIO | Audio | AUDIO | AUDIO |
| SUB | SUB | SUB | SUB | SUB | Sub | SUB | SUBTITLE |
| TEXT | TEXT | TEXT | TEXT | TTX | Text | TTX | STEP |
| FILE | | FILE | 2VIEW | PVR | APP | TIMER | OPEN/CLOSE |
| PLAY | | PLAY/PAUSE | PLAY/PAUSE | PLAY > | | PLAY/PAUSE | PLAY/PAUSE |
| PAUSE | | PLAY/PAUSE | PLAY/PAUSE | PAUSE \|\| | | PLAY/PAUSE | A-B |
| STOP | | STOP | STOP | STOP | | STOP | STOP |
| REC | | REC | REC | REC | | RECORD | SLOW |
| PREV | | PREV <<\| | PREV \|<< | <<\| | | PREV | PREV |
| REW | | REV << | REW << | << | | REWIND | REV |
| FWD | | FWD >> | FWD >> | >> | | FORWARD | FWD |
| NEXT | | NEXT >>\| | NEXT >>\| | >>\| | | NEXT | NEXT |

| Code | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 |
|---|---|---|---|---|---|---|---|---|
| | TS5.3VX (28010011)<br><br>TS5200VX (28010017) | TS5.5SX (28010003)<br><br>TS5.2VX (28010004)<br><br>TS5.2 BLCK (28010009) | TS5.5SX (28010018)<br><br>HDMI SLVR BOOK (28010019) | TS5.1VX (28010001) | TS5.9RX BLCK (28010014)<br><br>TS5.8HDMI 28010015 | TS5910 R-HDMI (28010020) | TS5.8RX (28010008)<br><br>TS5.8RX (28010010) | TS5102 (28010026)<br><br>TS5602 (28010027) |
| POWER | POWER | STANDBY | POWER | ON | STAND BY | POWER | STAND BY | POWER |
| SOURCE | EJECT | OPEN/CLOSE | EJECT | OPEN/CLOSE | SOURCE | SOURCE | OPEN/CLOSE | DVD/USB |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EP6 | 10+ | PROGRAM | INTRO | | MENU | DISC | DISC | 10+ |
| INFO | RESUME | ANGLE | SEARCH | | DVD | INTRO | SCART | RETURN |
| MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE |
| TV/RADIO | GOTO | GOTO | HD | | GOTO | BOOKMARK | TV | STEP |
| VOL+ | VOLUME+ | RIGHT | VOL+ | RIGHT | RIGHT | VOL+ | AV | VOL+ |
| VOL- | VOLUME- | LEFT | VOL- | LEFT | LEFT | VOL- | DVD | VOL- |
| PROG+ | ROOT | UP | SLOW+ | | FINALIZE | CH+ | DV | L/R |
| PROG- | RETURN | DOWN | SLOW- | | RETURN | CH- | GOTO | N/P |
| MENU | SETUP | SETUP | SETUP | SETUP | SETUP | SETUP | SETUP | SETUP |
| LIST | DISPLAY | DISPLAY | DISPLAY | DISPLAY | OSD | OSD | FINALIZE | GOTO |
| BACK | TITLE | TITLE/RETURN | TITLE/PBC | TITLE | DISC | TITLE/PBC | RETURN | TITLE |
| EXIT | TV MODE | MENU/PCB | MENU | MENU/PBC | MENU/PBC | MENU | MENU | MENU |
| LEFT | LEFT | LEFT | LEFT | LEFT | LEFT | LEFT | LEFT/VOL- | LEFT |
| RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT | RIGHT/VOL+ | RIGHT |
| UP | UP | UP | UP | UP | UP | UP | UP/CH+ | UP |
| DOWN | DOWN | DOWN | DOWN | DOWN | DOWN | DOWN | DOWN/CH- | DOWN |
| OK | ENTER | ENTER | ENTER | OK | OK | OK | ENTER | ENTER |
| TIMER/RED | PROGRAM | PROGRAM | DISPLAY | ANGLE | TIMER | TIMER | TIMER | PROG |
| FAV/GREEN | CLEAR | SETUP | CLEAR | PROG | PROG | PROG | PROG | CLEAR |
| REPEAT/YELLOW | REPEAT | REPEAT | REPEAT | REPEAT | REPEAT | REPEAT | REPEAT | REPEAT |
| GOTO/BLUE | ZOOM | ZOOM | ZOOM | ZOOM | ZOOM | ZOOM | ZOOM | SLOW |
| AUDIO | AUDIO | AUDIO | AUDIO | | AUDIO | AUDIO | AUDIO | AUDIO |
| SUB | SUBTITLE | SUBTITLE | SUBTITLE | | SUB-T | SUBTITLE | SUB-T | SUBTITLE |
| TEXT | STEP | STEP | > | | ERASE | QUALITY | REC MODE | OSD |
| FILE | OPEN/CLOSE | RANDOM | MENU | | OPEN/CLOSE | EJECT | EJECT | OPEN/CLOSE |
| PLAY | PLAY | PLAY/PAUSE | \|\| / \|\|> | >\|\| | PLAY/PAUSE/>\|\| | \|\| / \|\|> | PLAY/PAUSE | PLAY/PAUSE |
| PAUSE | PAUSE | A-B | A-B RPT | A-B | REC MODE | A-B RPT | ERASE | A-B |
| STOP | STOP | STOP | STOP | STOP | STOP | STOP | STOP | STOP |
| REC | SLOW | SLOW | ANGLE | SLOW | REC | REC | REC | PBC |
| PREV | PREV / <<\| | <<\| | PREV / <<\| | << / <<\| | PREV / \|<< | \|<< | PREV / \|<< | PREV |
| REW | REV / FB | << | F.REV / << | << / <<\| | REV / << | << | REV / << | REV |
| FWD | FWD / FF | >> | F.FWD / >> | >> / >>\| | FWD / >> | >> | FWD / >> | FWD |
| NEXT | NEXT / >>\| | >>\| | NEXT / >>\| | >> / >>\| | NEXT / >>\| | >>\| | NEXT / >>\| | NEXT |

| Code | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 |
|---|---|---|---|---|---|---|---|---|---|---|
| | TS5011PX<br>TS5011PX01<br>(28015014) | TS5103<br>(28010028) | TS5051<br>(28015015) | TS5600<br>(28010023)<br>TS5401<br>(28010024) | TS5.7RX<br>(28010005) | TS5011PX02<br>(28015014) | TS5051<br>DVBT2<br>(28015015) | TS5104<br>(28010029) | TS5.6HDMI<br>(28010012)<br>TS5.6HDMI<br>(28010013) | TS5101<br>(28010025) |
| **POWER** | LCD ON/OFF | POWER | USB | STANDBY | STAND BY | TFT ON/OFF | FUNCTION | POWER | STANDBY | POWER |
| **SOURCE** | USB | OPEN | DVD/TV/AV | USB | SOURCE | DVD/AV | MODE | DVD-USB | OPEN<br>CLOSE | USB |
| **1** | 1 | 1 | 1 | 1 | 1 | 1 REP | 1 REP | 1 | 1 | 1 |
| **2** | 2 | 2 | 2 | 2 | 2 | 2 A B | 2 AB | 2 | 2 | 2 |
| **3** | 3 | 3 | 3 | 3 | 3 | 3 ANGLE | 3 PRGM | 3 | 3 | 3 |
| **4** | 4 | 4 | 4 | 4 | 4 | 4 SLOW | 4 ANGLE | 4 | 4 | 4 |
| **5** | 5 | 5 | 5 | 5 | 5 | 5 ZOOM | 5 ZOOM | 5 | 5 | 5 |
| **6** | 6 | 6 | 6 | 6 | 6 | 6 PRGM | 6 SLOW | 6 | 6 | 6 |
| **7** | 7 | 7 | 7 | 7 | 7 | 7 AUDIO | 7 TITLE | 7 | 7 | 7 |
| **8** | 8 | 8 | 8 | 8 | 8 | 8 TITLE | 8 | 8 | 8 | 8 |
| **9** | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| **0** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0/10 | 0 | 0/10 |
| **EPG** | Q-PLAY | DISPLAY | MENU/EPG | SEARCH | GOTO | 3 ANGLE | EPG | 10+ | GOTO | 10+ |
| **INFO** | RETURN | DISPLAY | INFO | RETURN | DISPLAY | DISPLAY | DISPLAY | OSD | OSD | A-B |
| **MUTE** | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE | MUTE |
| **TV/RADIO** | STEP | MENU/ZOOM | | STEP | DIGEST | | TV/RADIO | ANGLE | STEP | GOTO |
| **VOL+** | VOL+ | VOL+ | LEFT/VOL- | VOL+ | LEFT/VOL- | VOL+ | ARROW<br>RIGHT/VOL+ | VOL+ | VOL+ | VOL+ |
| **VOL-** | VOL- | VOL- | RIGHT/VOL+ | VOL- | RIGHT/VOL+ | VOL- | ARROW<br>LEFTVOL- | VOL- | VOL- | VOL- |
| **PROG+** | MARK | UP | PgUp | L/R | EDIT | 5 ZOOM | ARROW<br>UP/VOL+ | PROG | V-MODE | PBC |
| **PROG-** | SLOW | DOWN | PgDn | N/P | RETURN | 4 SLOW | ARROW<br>DOWN/VOL- | RESET | RETURN | RETURN |
| **MENU** | SETUP | SETUP | SETUP | SETUP | SETUP | SETUP | SETUP | SETUP | SETUP | SETUP |
| **LIST** | SEARCH | | OK | DISPLAY | ZOOM | SHIFT | FAV | V-MODE | ZOOM | OSD |
| **BACK** | TITLE | SETUP | TITLE | TITLE | TITLE | MENU | BACK | MENU | TITLE | TITLE |
| **EXIT** | MENU | SETUP | EXIT | MENU | MENU/PBC | MENU | EXIT | TITLE | MENU<br>PBC | MENU |
| **LEFT** | LEFT | LEFT | LEFT/VOL- | LEFT | LEFT/VOL- | LEFT | ARROW<br>LEFT/VOL- | < | LEFT | LEFT |
| **RIGHT** | RIGHT | RIGHT | RIGHT/VOL+ | RIGHT | RIGHT/VOL+ | RIGHT | ARROW<br>RIGHT/VOL+ | > | RIGHT | RIGHT |
| **UP** | UP | UP | UP/CH+ | UP | UP/CH+ | UP | GOTO | UP | UP | UP |
| **DOWN** | DOWN | DOWN | DOWN/CH- | DOWN | DOWN/CH- | DOWN | SHIFT | DOWN | DOWN | DOWN |
| **OK** | OK | OK | OK | ENTER | ENTER | ENTER | OK | ENTER | ENTER | ENTER |
| **TIMER/RED** | PROG | | RED/<< | PROGRAM | TIMER | 1 REP | RED | PBC | PROG | PROG |
| **FAV/GREEN** | CLEAR | | GREEN/>> | CLEAR | BOOKMARK | 6 PRGM | GREEN | ZOOM | CLEAR | CLEAR |
| **REPEAT/<br>YELLOW** | REPEAT | REPEAT/PROG | YELLOW/ I<< | REPEAT | CLEAR | 8 TITLE | YELLOW | REPEAT | REPEAT | REPEAT |
| **GOTO/BLUE** | COPY<br>DELETE | GOTO | BLUE/ >>I | ZOOM | REC MODE | GOTO | BLUE | GOTO | ANGLE | ZOOM |
| **AUDIO** | AUDIO | AUDIO<br>ANGLE | AUDIO | AUDIO | AUDIO | 7 AUDIO | AUDIO | AUDIO | AUDIO | LANGUAGE |
| **SUB** | SUB-T | SUB/TITLE | SUB-T | SUBTITLE | SUBTITLE | SUBTITLE | SUB.T | SUBTITLE | SUB-T | SUBTITLE |
| **TEXT** | DISPLAY | | TTX/ZOOM | SLOW | REPEAT<br>1ALL | A/B | TXT | A-B | HDMI | STEP |
| **FILE** | DVD/AV | USB | GOTO/FAV | OPEN<br>CLOSE | OPEN<br>CLOSE | STEP | PVR LIST | EJECT | STEP | OPEN/CLOSE |
| **PLAY** | PLAY/PAUSE | PLAY/PAUSE | PLAY/PAUSE | PLAY<br>PAUSE | PLAY/PAUSE | PLAY<br>PAUSE | PLAY/PAUSE | PLAY/PAUSE | PLAY<br>PAUSE | PLAY |
| **PAUSE** | A-B | PLAY/PAUSE | PLAY/PAUSE | A-B | A-B REP | PLAY<br>PAUSE | PLAY/PAUSE | PLAY/PAUSE | A-B | PAUSE |
| **STOP** | STOP | STOP | STOP | STOP | STOP | STOP | STOP | STOP | STOP | STOP |
| **REC** | PBC | | REC/COPY/<br>DELETE | PBC | REC | STEP | REC | SLOW | SLOW | SLOW |
| **PREV** | PREV | PREV <<I | YELLOW/ I<< | PREV | PREV | <<I | I<< | PREV | PREV | PREV |
| **REW** | REV | REV << | RED/<< | REV | REV | << | << | REV | REV | REV |
| **FWD** | FWD | FWD >> | GREEN/>> | FWD | FWD | >> | >> | FWD | FWD | FWD |
| **NEXT** | NEXT | NEXT >>I | BLUE/ >>I | NEXT | NEXT | >>I | >>I | NEXT | NEXT | NEXT |

**21080124 TLC UNIVERSALE 2X1 TV STB "ALLinONE"**

**58040107 BLISTER TEL.UNIV. 2X1 TV STB "ALLinONE"**

**Dichiarazione di conformità CE**

Tele System Electronic dichiara sotto la propria responsabilità che questo prodotto soddisfa i requisiti fondamentali delle direttive europee 2004/108/CE (EMC - Electromagnetic Compatibility), 2006/95/EC (LVD – Direttiva bassa tensione).

**Declaration of conformity CE**

Tele System Electronic states that this product meets the basic European requirements of 2004/108/EC (EMC - Electromagnetic Compatibility), 2006/95/EC (LVD – Direttiva bassa tensione).

**Declaración de conformidad CE**

Tele System Electronic certifica que este producto cumple la normative europea básica 2004/108/EC (EMC – Compatibilidad electromagnética), 2006/95/EC (LVD – Directiva de bajo voltage).

**Deklaracja zgodności CE**

Tele System Electronic, zawiadamia, że ten produkt jest zgodny z zasadniczymi wymaganiami następujących dyrektyw Eurpejskich 2004/108/EC (EMC - Electromagnetic Compatibility), 2006/95/EC (LVD - Low Voltage Directive).

**Izjava o skladnosti CE**

Tele System Electronic izjavlja, da ta izdelek ustreza zahtevam EU o elektromagnetni skladnosti EMC (2004/108/EC), nizkonapetostni direktivi LVD (2006/95/EC).

Bressanvido, il 11/07/2015
General management.

ITALY

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Customer Care: 199 214 445 (only Italy)

TELE System

Rev 04 del 11/07/2015