



Avedia Media Players

Remote Control Handset Guide

Version 8.0

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support@vitec.com

Important safety instructions

Before installing and operating these products, please read the safety information in this guide.

This section contains important safety information. If you are unsure about any of the information in the section, please contact VITEC. Do not proceed beyond a **Warning** notice until you have understood the hazardous conditions and have taken appropriate steps. There are no instructions specifically for service personnel in this document.

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

There are no user serviceable parts inside any VITEC product. To prevent electric shock or fire hazard, do not remove cover. Refer service to qualified service personnel. Any servicing, adjustment, maintenance, or repair must only be performed by service-trained personnel.

For 230/240 volt operation, be sure to use a harmonized grounded 3 conductor cord, rated 6 Amp minimum. Use a suitable cord for connection to the equipment and terminating in an IEC.



This equipment relies upon a safety earth for operation, ensure that you always use a power cord with appropriate earth and that the inlet to which is inserted also has the appropriate earth. If in any doubt about the earth provision in your building consult a qualified electrician.

Use only the dedicated power supply or cord supplied for your device.

VITEC products use ventilation holes for cooling. None of the ventilation holes should be blocked. Keep all materials at least 5cm away from all the ventilation holes.

Do not expose the product to any rain or moisture. Do not use the product near a naked flame e.g. a candle.

The operating conditions of the product should be 0°C – 35°C with a Relative Humidity of 5 – 95% (non-condensing). The product should not be operated outside of these conditions.

EU and others

Do not proceed beyond a **Warning** notice until you have understood the hazardous conditions and have taken appropriate steps.

USA and Canada

1. Read these instructions.
2. Keep these instructions.

3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the instructions contained in this manual.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Do not expose this apparatus to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the apparatus.
16. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from the AC receptacle.
17. The mains plug of the power supply cord shall remain readily operable.



To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

About this Guide

Scope

This edition of the documentation refers only to the Avedia remote control handset (avply-irrc).

The Avedia remote control handset can be used with all of the following devices:

- 93-series Media Players
- 94-series Media Players
- 95-series Media Players
- 96-series Media Players
- All legacy Avedia Receivers and Media Players
- LG and Samsung hospitality smartTVs

Audience

This documentation is intended for use by systems integrators or systems administrators who are installing and setting up VITEC products. It assumes that readers are familiar with installing and configuring network-based and audio-visual products.

Documentation Conventions

The following conventions are used in this guide:



A Note calls attention or adds information that is important for the proper operation of the product.



A warning notice denotes a hazard. It calls attention to an operating procedure or practice that if not correctly performed or adhered to, could result in personal injury or death. Do not proceed beyond a warning notice until the indicated conditions are fully understood and met.

Technical Support

VITEC provides phone support and online helpdesk access during standard business hours. Bronze, Silver, Gold and Platinum customers are eligible to access preferred support tools as described in the VITEC Support Plans Terms and Conditions agreement. For more information, visit our web site at <https://www.vitec.com/support/>.

The VITEC Products Knowledge Base is part of our web site at <http://support.vitec.com/portal/>. It offers technical tips, downloads of User Guides, access to latest firmware files, and general information about IPTV products.

Avedia remote control handset configuration guide



This is the Configuration Guide for the Avedia remote control handset, p/n: 18322 (avply-irrc). Click a link below or on the left to get started.

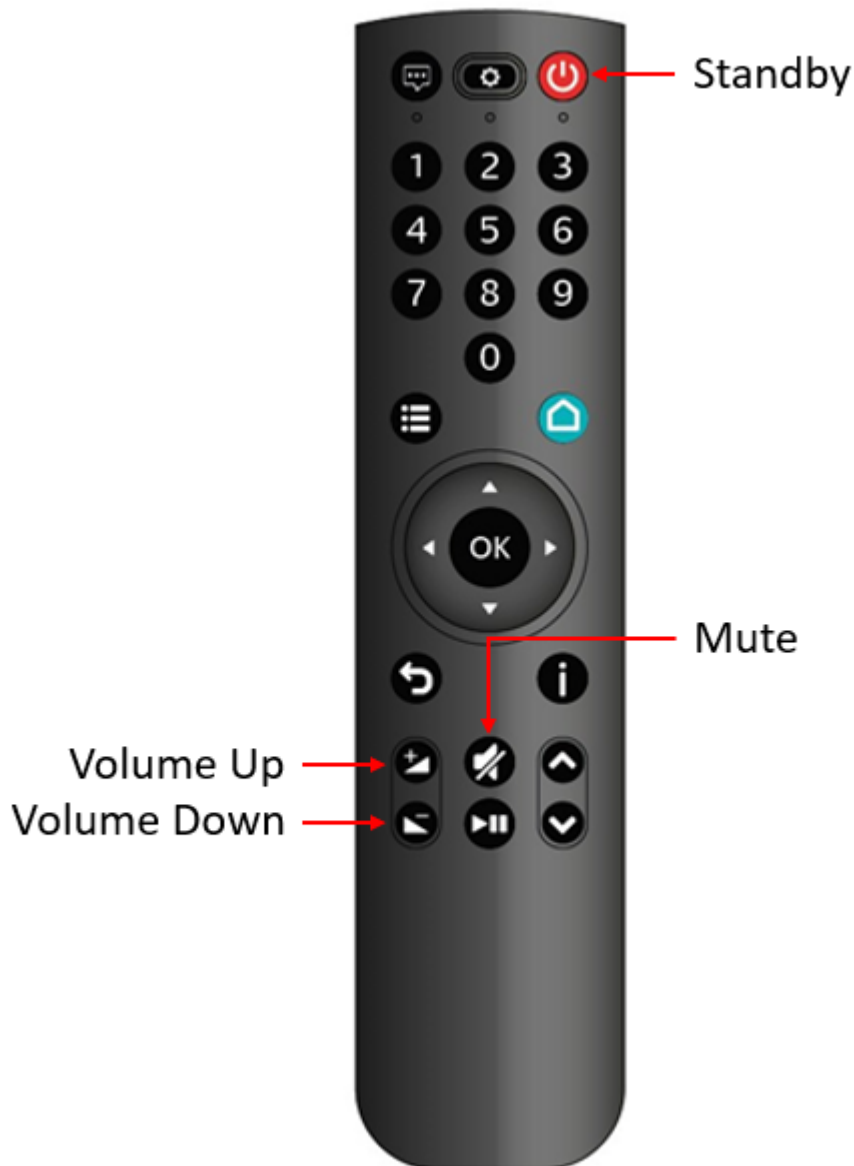
- [About this Guide](#)
- [Introduction](#)
- [The Remote Control Handset](#)
- [Programming the Handset](#)
- [TV Brand and Model Reference](#)

Introduction

This documentation explains how to program the VITEC Remote Control handset to control all Avedia Media Players and certain models of hospitality Smart TVs.



In its default mode, the buttons of the handset control VITEC media players.





1. Programming/Error LED (**red**) - Remains lit or blinks when using different functions of the handset such as re-programming for operation with TVs etc.
2. Key press confirmation LED (**green**) - Blinks to confirm key presses in normal operating mode.
3. Home Button.
4. Battery compartment cover.

The remote control handset

VITEC media players can be controlled using the VITEC Infrared (IR) remote control handset. This section contains the following topics:

- [Preparing the handset for Use](#)
- [Remote control key functions](#)
- [Replacing batteries](#)

Preparing the handset for use

Batteries for the remote handset are shipped pre-installed. A pull-out insulator tab prevents the handset being powered until required. In its factory default condition, the handset is programmed for operation with the VITEC Media Players. Refer to [Programming the Handset](#) if different operating modes are required.

Removing the battery tab

On the rear of the remote handset, locate the clear insulator tab at the lower end of the battery compartment. Pull in the direction shown by the arrow until the tab is completely free of the handset. The handset is now ready for use.



Remote control key functions

This section identifies the keys/functions that are used by the Avedia media player and can also be used by a TV.

The response of the media player to remote control key presses is determined by the version of firmware installed on the device. Some button functions can also be customised. Refer to the relevant *Administrator's Guide* for the installed firmware for more information.

Media Player operating functions

Remote Handset	Key	Media Player AV mode Operation	ArtioView Operation	ArtioSign Operation
 Subtitles  Settings  Standby  Numerals  Back  Home  Up Back, OK, Forward Down  Mute  Guide  Vol up/down  Info  Channel up/down  Play/pause 	Subtitles	•	•	X
	Settings	•	X	X
	Standby	•	•	•
	Numerals	•	•	•
	Back	•	•	•
	Home	Channel List	Portal Home Page	•
	Up/Down/ Fwd/Back	•	•	•
	OK	•	•	•
	Mute	•	•	•
	Guide	X	•	X
	Vol Up/ Down	•	•	•
	info	N/A	•	•
	Channel Up/ Down	•	•	•
	Play/Pause	N/A	•	•

Replacing batteries

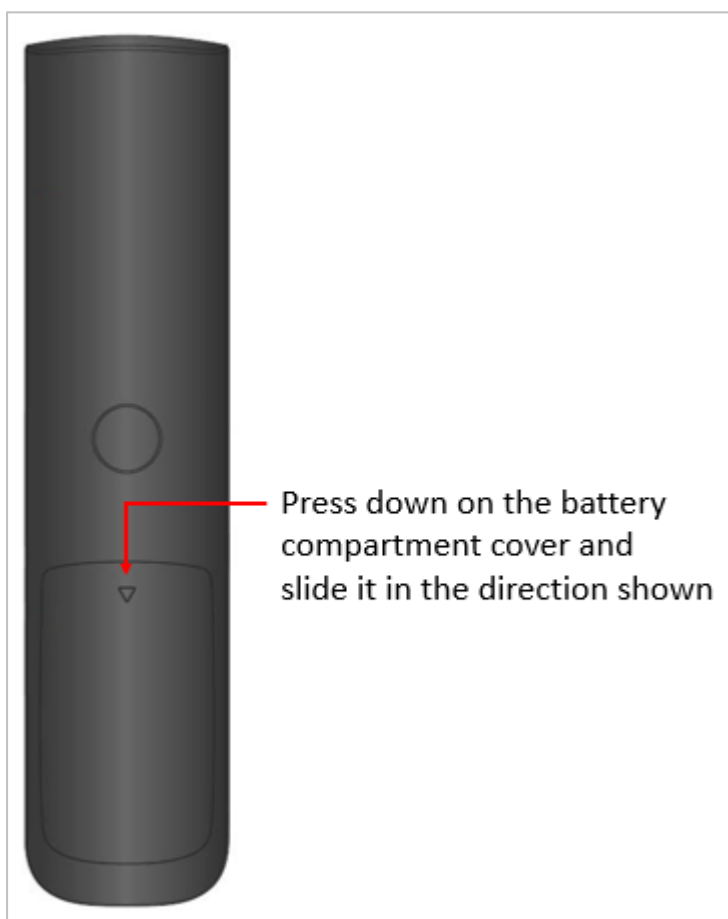
If the batteries in the remote control stop working, they should be replaced with two AAA sized replacements. Ideally use carbon zinc (R03) replacement batteries. Alkaline (LR03) batteries may be used but offer no advantage. Do not mix batteries of different types or age.



"Ultra" or "plus" batteries, especially those containing lithium (FR03), must not be installed in the IR Remote Control.

To insert new AAA disposable batteries:

1. On the back of the IR Remote Control, push down on the battery compartment lid and slide it towards the nearest end of the handset to detach it from the controller.



2. Insert two new AAA (R03 or LR03) batteries. Orient the batteries so that the positive (+) and negative (-) ends are positioned as shown by the diagram on the bottom of the battery compartment.
3. Relocate the battery compartment lid and slide to close.

Program the whole remote control handset

Quick set codes can be used to change the whole function of the remote control handset to give complete control of your media player or hospitality Smart TV.

Quick set codes (1+7)

The remote handset is configured with presets for five commonly used configurations. These can be quickly set using the 1+7 plus code key presses.

Before re-programming the hand set, a factory reset is required:



1. Press and hold 1 and 6 together for a minimum of three seconds.
The Programming LED turns on.
2. Enter 981. The Programming LED blinks twice.
The factory reset has been applied.

To re-programme the handset:

1. Press and hold 1 and 7 together for a minimum of three seconds.
The Programming LED is illuminated
2. Enter the required preset as described below.

The presets are:

- **AvediaStream Media Player: Code ID 0000**

This is the default, and in this mode the remote handset is configured for use with the VITEC Media Players. The functions available depend on the operating mode of the media player.

- **AvediaStream Media Player with LG CEC IR Passthrough: Code ID 0001**

In this mode the remote handset is configured for use with an r93xx Media Player/LG TV combination where CEC passthrough is implemented for some functions. This is a specialised configuration. Contact VITEC support for more information if required.

- **LG SmartTV mode:** Code ID **0002**

In this mode the remote handset is configured for use with an LG SmartTV displaying an ArtioView portal. Refer to [Remote Control Key Functions](#) for the functions available with ArtioView.

- **Samsung SmartTV mode:** Code ID **0003**

In this mode the remote handset is configured for use with a Samsung SmartTV displaying an ArtioView portal. Refer to [Remote Control Key Functions](#) for the functions available with ArtioView.

- **Universal DB mode:** Code ID **0004**

In this mode the remote handset is configured to support VITEC media player and TV operation. (Standby, Vol +/- are shared keys)

Keys: Subtitles, Settings, Numeric, Guide, Home, Up/Down/Left/Right, OK, Back, Info, Chan +/-, and Play/Pause control the media player.

Program the handset to control TV functions

The following four buttons on the Avedia remote control handset can be reconfigured to directly control a TV:

- Standby
- Volume +
- Volume –
- Mute

Several methods are available to configure the remote to control a specific TV. Each method is triggered by a special key press. An overview of the programming features and the corresponding key press is shown here, with more details in subsequent sections.

Programming Mode	Description	Initiating key-combination for TV
Brand search	This method uses a TV manufacturer brand name ID to quickly find the correct IR codes for a TV using the built-in IR database. Inactivity timeout: 300s.	<<1 + 3>>, four digit code, Standby or Mute
Full Auto search	Similar to the brand search the remote will search for IR-codes through the full IR database. Inactivity timeout: 300s.	<<1 + 3>>, Standby or Mute
Manual code-set entry	Allows direct entry of a Code-set ID to program the remote for a specific TV model. This is meant mainly for support or mass programming multiple remotes once the correct code has been found and tested. Inactivity timeout: 300s.	<<1 + 6>>, four digit code
Key Fix	Allows you to fix keys that still don't work after a brand search, Auto search or manual code-set entry. This can also be used to disable a key and prevent it from controlling the TV, for example; the AV button. Inactivity timeout: 300s.	<<1 + 9>>
Manufacturing Reset	Reset the remote to factory settings. Inactivity timeout: 30s.	<<1 + 6>>, <9>,<8>, <1>

Programming Mode	Description	Initiating key-combination for TV
Code-set ID Blink out	Reads out the installed code-set ID from the IRDB. Inactivity timeout: 30s.	<<1 + 6>>, <LEFT>, <1> [...blink...], <2> [...blink...], <3> [...blink...], <4> [...blink...]
Brand ID Blink out	Allows the user to read out the installed brand ID from the IRDB. Inactivity timeout: 30s.	<<1 + 6>>, <RIGHT>, <1> [...blink...], <2> [...blink...], <3> [...blink...], <4> [...blink...]

Notation

- <> normal key press
- << >> press and hold this key or these keys for 3 seconds. 1+3 indicates pressing both keys at the same time, whereas 1, 3 indicates pressing the keys sequentially

General

- When you start a programming feature, the Programming LED on the handset turns on to indicate this.
- When you enter a valid key press sequence in Programming mode, the Programming LED blinks in confirmation.
- If you enter an invalid key press sequence, the Programming LED indicates an [error blink](#).
- If the remote stays in Programming mode the Programming LED turns on again. If the remote returns to Use mode, the Programming LED turns off.
- When the remote handset returns to Use mode from Programming mode, the Programming LED is turned off, optionally preceded by a [confirmation or error blinking](#) sequence.
- After each key press in Programming mode you have some time to press the next key. This is the inactivity timeout period. For some features this timeout can differ. If no key is pressed within a timeout period the Programming LED displays an [error blink](#) and turns off. The remote handset returns to Use mode.
- When the remote handset is put in Programming mode, it checks for sufficient battery charge. If the battery is too low, it performs an [error blink](#) and returns to Use mode.

Blinking patterns

Blinking patterns signal a confirmation or error. The sequences are defined below:

- Confirmation blink: 200ms off, 200ms on, 200ms off, 200ms on, 200ms off
- Error blink: 50ms off, 50ms on, 50ms off, 50ms on, 50ms off, 50ms on, 50ms off, 50ms on, 50ms off, 50ms on, 50ms off.
- ID blink out: 400ms on, 300ms off.



ID blink out mode is used to identify the TV brand code-set programmed on the remote handset.

Brand search & Auto search programming (1+3)

There are two different scenarios for this feature. The main function is to search through the universal code-sets of one brand. Another function is to search through all universal code-sets (auto search).

Brand search and Auto search can be done by pressing either the **STANDBY** or **MUTE** key. If Power is used, the remote sends Standby or Power-Off commands to the device (TV). If the Mute key is used, the remote sends Mute commands to the TV.

Feature	Key Sequence
TV Brand search	<<1 + 3>>, 1st digit, 2nd digit, 3rd digit, 4th digit, Standby or Mute
TV Auto search	<<1 + 3>>, Standby or Mute

If the four digits entered for the TV Brand search are all zeroes, or there are no digits entered before **STANDBY** or **MUTE**, Auto search is enabled.

First the **brand number** or the universal code number is entered, and then the auto search sequence starts. Upon selection, the new universal code number is programmed to non-volatile memory as if it had been selected manually.

To select a brand search:

1. Ensure the TV is turned on.
2. Press and hold 1 and 3 together for a minimum of 3 seconds and the Setting/Configuration LED turns on.
3. Release the key(s).
4. Enter the 4-digit code for the **brand**.



When no brand digits are entered the remote starts a full auto-search.

When a digit is pressed, the LED gives a short inverse blink, after the fourth digit, the remote checks if the 4-digit code was valid.

If correct, the Programming LED displays a confirmation blink and remains on (the search includes all code- sets that are linked to the selected brand).

If the code was not valid, an error-blink is displayed, and the remote returns to Use mode. Apart from digits, you can press other keys. Most key-presses are simply ignored (no inverse blink). If you press optional keys (Up, Down, Left, Right or OK) the corresponding media player code is sent and the Programming LED turns on when media player code is transmitted.

5. Press and hold the Standby or Mute key. After 2 seconds a Power Toggle or Mute IR command is transmitted for the next universal code-set in the code-set list for the selected brand. The Programming LED turns off during transmission of the IR-code.

No new IR commands are sent during the next 1.5 – 2 seconds (to prevent selecting subsequent code-sets before the device turns off). If the device does not turn off or mute keep pressing the key. The remote then tries the next universal code-set in the list for the selected brand.

With a Brand Search, the sequence stops completely when all code-sets of the selected brand are tested twice. For an Auto-search, all code-sets of the whole database are tested once. When this stage is reached the remote performs an error blink and no further codes are sent.

6. When the TV turns off or mutes, release the Standby or Mute key. This confirms the current code-set. The code number is programmed to non-volatile memory.
7. Now try pressing some keys. (Try mode)
 - a. In Try mode, you can test the TV functions that are available in Use mode. For TV these are the Vol+/Vol-, Mute, AV, and TV Standby keys. If the Mute key was used to select the code-set, you can only try the Vol+/ Vol- and Mute keys.
 - b. If the Standby key was used to select the code-set you can try all keys as specified above. If other keys are pressed, no code is transmitted.
8. When you have confirmed the correct code-set has been selected, exit Programming mode and return to Use mode by pressing **OK** and **SETTINGS**.



If there are no key presses for 5 minutes when the remote is in Programming mode, an error blink is displayed and it reverts to Use mode.

At any time in Programming mode before step 5, you can abort Programming by pressing **OK** and **SETTINGS**. A confirmation blink is displayed, and the remote handset returns to Use mode, canceling any changes.

Manual code-set entry programming (1+6)

This procedure shows you how to manually enter a code from the [TV brand code reference list](#).

1. Press and hold 1 and 6 together for a minimum of three seconds.

During the initial 3 seconds, the Programming LED remains off. After a further three seconds the Programming LED blinks twice and remains on.

2. Enter a four digit code from the [Reference list](#).



Only digit keys are allowed. When a digit is pressed, the LED turns off for the duration of the key-press with a 150ms minimum. Any other key press will result in an invalid sequence.

If the first digit is 9, the remote handset expects the [Manufacturing reset codes](#).

If the entered sequence of digits is valid, the Programming LED displays a confirmation blink and the handset returns to Use Mode. If the sequence is invalid, an error blink is displayed, and the handset returns to Use Mode.

A successful Manual code-set entry programs the new code into non-volatile memory. All Universal keys (shown [here](#)) are programmed.

KeyFix (1+9)

After configuring a code-set using Brand-search, Auto-search, or manual code-set entry, you may find that keys do not send the right commands for the TV. KeyFix allows you to quickly and simply resolve these.

To resolve erroneous keys:

1. Press and hold 1 and 9 together for a minimum of 3 seconds.

The Programming LED turns on.

2. Now press any of the keys that control the TV. Normal presses require less than 2 seconds. IR codes are sent when the key is released. On release,

IR codes are sent for at least three frames or 0.25s.

3. If a key doesn't work, keep that key pressed for longer than two seconds. This initiates a KeyFix search for the pressed key.

While you keep the key pressed, the remote handset looks for alternative IR codes for that key and iterates through them. With an interval of 2 seconds, the remote handset sends an alternative code to the TV and turns off the Programming LED. If no Brand id is known, the interval is 1.5 seconds.

The KeyFix search stops when all options have been tried. The Programming LED displays an error blink and the handset returns to user mode.

4. When the TV reacts correctly, release the key. If the KeyFix search was not complete, the remote performs a confirmation blink, and stores the new IR code for that key.

If the Keyfix search has already been exhausted, there is no confirmation blink and no changes are saved.

5. You can now return to step 2. When completed, press OK+Settings to return the remote handset to Use mode.

Decimal TV code-set ID blink out (1 + 6, left/back, 1, 2, 3, 4)

You can use the programming function to read back the programmed code-set:

1. Press and hold 1 and 6 together for a minimum of 3 seconds.

During the initial 3 seconds, the Programming LED remains off. After a further 3 seconds the Programming LED blinks twice and remains on.

2. Press Left (Back). The Programming LED displays a confirmation blink and remains off.
3. Press 1 - the number of blinks of the LED represents the 1st number value of the code-set.
4. Press 2 - the number of blinks of the LED represents the 2nd number value of the code-set.
5. Press 3 - the number of blinks of the LED represents the 3rd number value of the code-set.
6. Press 4 - the number of blinks of the LED represents the 4th number value of the code-set.

When the blinks of the 4th number have been completed the remote handset returns to Use mode.



No blinks indicate a zero. There is no confirmation blink to complete this process as it may be confused with a code-set number blink. A value of 9999 indicates no programmed code-set.

Any deviation from the 1, 2, 3, 4 sequence is seen as an invalid key press. When this happens, the Programming LED displays an error blink, and returns to Use mode.

Decimal brand ID blink out (1 + 6, right/fwd, 1, 2, 3, 4)

You can use the programming function to read back the programmed TV brand.

1. Press and hold 1 and 6 together for a minimum of 3 seconds.

During the initial 3 seconds, the Programming LED remains off. After a further 3 seconds the Programming LED blinks twice and remains on.

2. Press right (fwd). The Programming LED displays a confirmation blink and remains off.
3. Press 1 - the number of blinks of the LED represents the 1st number value of the TV brand.
4. Press 2 - the number of blinks of the LED represents the 2nd number value of the TV brand.
5. Press 3 - the number of blinks of the LED represents the 3rd number value of the TV brand.
6. Press 4 - the number of blinks of the LED represents the 4th number value of the TV brand.

When the blinks of the 4th number have been completed the remote handset returns to Use mode.



No blinks indicate a zero. A value of 9999 indicates no programmed TV brand.

There is no confirmation blink to complete this process as it may be confused with a code-set number blink.

Any deviation from the 1, 2, 3, 4 sequence is seen as an invalid key press. When this happens, the Programming LED displays an error blink, and returns to Use mode.

Manufacturing reset (1 + 6, 9, 8, 1)

You can delete any code-set you have programmed into the remote handset and return it to the factory default settings.

To reset the remote handset to factory default settings:

1. Press and hold 1 and 6 together for a minimum of 3 seconds.

During the initial 3 seconds, the Programming LED remains off. After a further 3 seconds the Programming LED blinks twice and remains on.

2. Enter 9, 8, 1.

If the entered sequence of digits is valid, the Programming LED displays a confirmation blink, all programmed settings are deleted. The handset returns to the factory default settings and returns to Use Mode.



If no keys are pressed within 10 seconds of pressing 9, the Programming LED displays an error-blink, and the remote handset returns to Use mode.

TV brand and model reference

Use the following tables to configure the remote handset for use with specific TV brands or models:

- [TV brand list](#)
- [TV model reference list](#)

TV brand code reference list

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
A.R. Systems	0012	Haaz	1172	Quadro	4071
Accent	0019	Haier	1175	Quandra Vision	3546
ACE	0026	Haihong	1176	Quasar	2320
Acer	0028	Haile	4106	Quelle	2322
Acme	3521	Haiyan	1177	Questa	2324
Acoustic Solutions	0032	Halcro	1178	Radialva	2329
Action	0033	Halifax	1179	Radio	4128
Acura	0036	Hankook	1188	Radiola	2330
ADA	0038	Hannspree	1189	Radiomarelli	2331
ADC	0040	Hanseatic	1190	Radionette	2332
Addison	0043	Hantarex	1192	RadioShack	2333
Admiral	0046	Hantor	1193	Radiotone	2334
AEG	0059	Harwa	1203	Rank	2345
Aftron	3470	Harwood	1204	Rank Arena	2346
Agashi	0063	Hauppauge	1206	RBM	2350
Agazi	3522	HCM	1210	RCA	2351
Agfaphoto	4766	Hema	1222	Realistic	2354
Aiko	0069	HHB	1229	Recco	2358
Aim	0070	Highline	1236	Recor	2359
Airis	0071	Hikona	1237	Rectiligne	2362
Aiwa	0072	HiLine	3533	Rediffusion	2364

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Akai	0074	Hinari	1243	Redstar	2366
Akashi	0075	Hisawa	1247	Reflex	2368
Akiba	0078	Hisense	1249	Relisys	2374
Akira	0079	Hisonix	4525	Remotec	2377
Akito	0082	Hitachi	1251	Reoc	2379
Akura	0083	Hitachi Fujian	1252	Revox	2383
Alba	0086	Hitec	1253	Rex	2385
ALBIRAL	3775	Hoeher	1262	RFT	2386
Alcyon	0093	Homita	4843	Rinex	2392
Alkos	3523	Hongmei	1272	Risheng	4129
Allorgan	0105	Hongyan	1274	Rizhi	4130
Allstar	0108	Hornyphon	1277	R-Line	2327
Amoi	0132	Hoshai	1278	Roadstar	2398
Amplivision	0138	HP	1283	Robotron	2401
Amstrad	0140	Huafa	1287	Rolson	2410
Anam	0146	Huanghaimei	1288	Rowa	2416
Anam National	0147	Huanghe	1289	Royal	2419
Andersson	0148	Huanglong	1290	Royal Lux	2420
Anglo	0151	Huangshan	1291	RTF	3548
Anhua	0153	Huanyu	1292	Ruyi	2425
Anitech	0154	Huaqiang	1293	Saba	2429
Ansonic	0156	Huari	1294	Sagem	2434
ANTECNO	4601	Huijiaban	4108	Saige	2435
AOC	0165	Humax	1298	Saisho	2437
Aolinpiya	4089	Huodateji	1302	Saivod	2439
Aolinpu	4090	Hyper	1309	Salora	2443
Apex	3691	Hypson	1312	Sambers	2445
Apex Digital	0170	Hyundai	1315	Sampo	2446
Ardem	0184	Iberia	1320	Samsung	2448

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Arena	3375	ICE	1324	Sandstrom	5367
Aristona	0192	ICeS	4526	Sanjian	2455
ART	0199	iDEAL	3641	Sansui	2458
Arthur Martin	0200	iLo	1341	Sanyo	2462
ASA	0202	Imperial	1346	Sanyuan	2464
Asberg	0205	Indesit	1349	SBR	2492
Astra	0221	Indiana	1350	Sceptre	2498
Asuka	0227	Ingelen	1354	Schaub Lorenz	2500
Asus	4350	Ingersol	1355	Schneider	2501
ATD	0229	Inno-Hit	1358	Scotch	2506
Atlantic	0233	Innova	1359	Scott	2508
Atori	0237	Innovation	1360	Sears	2514
Atoro	4518	Inotech	1364	Seaway	2515
Auchan	0240	Insignia	1368	Seelver	2520
Audiosonic	0264	Inspira	4296	SEG	2522
Audioton	0266	INTER	4109	SEI	2524
Audiovox	0268	Interactive	3534	Seiki	5088
Audioworld	0269	Interbuy	1376	Sei-Sinudyne	2525
Ausind	0276	Interfunk	1377	Seleco	2528
Autovox	0280	Internal	1379	Semivox	2529
Aventura	0287	Intervision	1386	Semp	2530
Awa	0296	IR	4110	SENCOR	4621
Axxon	0303	Irradio	1396	Sencora	2531
Baihehua	4091	IRT	1397	Sentra	2534
Baihua	4092	Isukai	1402	Serie Dorada	2538
Baile	0310	IT	4111	Serino	2539
Baird	0311	ITS	1405	Seye	4131
Bang & Olufsen	0314	ITT	1406	Shancha	2546

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Baohuashi	0316	ITT Nokia	1407	Sharp	2550
Baosheng	0318	ITV	1408	Sherwood	2557
Barco	0319	Jay-tech	1417	Shinelco	4074
BARON	3959	JCB	1421	Shintoshi	2564
Basic Line	0325	Jean	1424	Shivaki	2567
Bauer	0329	JEC	1426	Shiwan	4532
Baur	0331	Jiahua	1435	Shorai	2569
Baysonic	0333	JiaLiCai	1436	Siam	2572
Beaumark	0340	Jian Sheng	4112	Siarem	2573
Beijing	0345	Jinfeng	1438	Siemens	2574
Beko	0346	Jinhai	1439	Siera	2576
Belson	0355	Jinlipu	4113	Siesta	2577
Belstar	0357	Jinque	1440	Silva	2591
BenQ	0359	Jinta	1441	Silva Schneider	2592
Beon	0361	Jinxing	1442	Silver	2594
Berthen	0363	Jinxingban	4114	SilverCrest	2595
Best	0364	JMB	1445	Singer	2599
Bestar	0368	JNC	1446	Sinotec	2600
Bestar-Daewoo	0369	Jocel	1448	Sinudyne	2601
Bestavision	0370	John Lewis	5277	SKY	2610
Bigston	4519	JTV	3645	Skysonic	2627
Black Diamond	0384	Jubilee	1460	Skyworth	2631
Black Star	0386	Juhua	1461	SLX	2638
Blacktron	3526	JVC	1464	Sogo	2650
Blackway	0388	Kaige	1470	Solavox	2654
Blaupunkt	0390	Kaisui	1471	Sonawa	2663
Blu:sens	0392	Kangchong	1476	Soniko	2669

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Blue Sky	0395	Kanghua	1477	Soniq	2670
Blue Star	0396	Kangli	1478	Sonitron	2671
Boca	0399	Kangwei	4115	Sonneclair	2673
Bondstec	0403	Kangyi	1479	Sonoko	2675
Boots	0405	Kansas Technologies	1481	Sonolor	2676
Bork	3615	Kapsch	1483	Sontec	2677
Bose	0407	Karcher	1484	Sony	2679
BPL	0413	Kathrein	1486	Sound & Vision	2680
Brandt	0416	Kawa	1487	Soundesign	2684
Brilliant	0422	Ken Brown	1499	Soundmaster	2685
Brinkmann	0423	Kendo	1500	Soundwave	2689
Brionvega	0424	Kennedy	1504	Sova	2690
Broksonic	0432	Kennex	1505	Sowa	2691
Bruns	0435	Kenstar	3756	Soyea	2692
BSR	0437	Khind	1511	Squareview	2703
BTC	0439	Kiota	1522	Srypton	4138
Bush	0445	Kioto	1523	Stag	2711
Caihong	0462	Kiton	1525	Standard	2713
Cailing	0463	Klarmax	4527	Starlite	2728
Caishi	0465	KLL	1531	Starlux	4533
Caixing	4093	Kneissel	1535	Stenway	2739
Cameron	4032	Kogan	5326	Stern	2741
Camper	3911	Kolin	1541	Strato	2745
Capsonic	0486	Kolster	1543	Strong	2748
Carad	0488	Kongque	1545	Sunkai	2762
Carena	0489	Konig	1547	Sunny	2764
Carrefour	0492	Konka	1548	Sunstar	2768
Cascade	0496	Korpel	1552	Sunwood	2772

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Casio	0499	Korting	1554	Superscan	2786
Catha	4094	Kosmos	1557	Supersonic	2787
Cathay	0501	Koyoda	1561	SuperTech	2789
Caton	4095	Kuaile	1573	Supervision	2791
CCE	0504	Kunft	5929	Supra	2792
Celebrity	0509	Kunlun	1578	Supreme	2795
Celestial	0511	Kuro	1579	Susumu	2797
cello	0514	Kyoshu	1583	Sutron	2798
Centrex	0516	L&S Electronic	1588	SVA	2800
Centrum	0519	Lavis	1602	Svasa	2801
Centurion	0520	Layco	4117	Sven	3886
Century	0521	Lecson	1606	Swedx	2803
CGE	0523	Lenco	1615	Swisstec	2806
CGM	3449	Lenoir	1617	SWP	2807
Champion	0525	Lerico	4528	Sydney	2808
Changcheng	0526	Lesa	1622	Sylvania	2809
Changfei	0527	Lexsor	1626	Symphonic	2810
Changfeng	0528	Leyco	1627	Synco	2811
Changhai	0529	LG	1628	Sysline	2815
Changhong	0530	LG/Goldstar	3536	Tacico	2823
Chaparral	0533	Liesenk	3537	Tactus	2825
Chengdu	0535	Liesenk & Tter	1630	Taishan	2835
Chimei	3563	Liesenkotter	1631	Talent	2838
Chuangjia	4096	Life	3538	Tandberg	2842
Chun Yun	0545	Lifetec	1633	Tandy	2843
Chunfeng	0546	Lihua	1636	Tantec	2845
Chung Hsin	0547	Lloyds	3539	Targa	2847
Chunlan	4097	Lloyd's	1648	Tashiko	2850
Chunsun	0549	Lodos	1659	Tatung	2852

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
CIE	4520	Loewe	1660	TCL	2856
Cimline	0552	Loewe Opta	3540	TCM	2857
Cinex	0563	Logik	1661	Teac	2860
City	0569	Logix	1663	Teachimagen	4140
Clarivox	0576	Longjiang	1664	Tec	2861
Clatronic	0581	Luma	1674	Tech Line	2863
Clayton	0582	Lumatron	1676	Techica	2865
CMX	0592	Lux May	1680	Technica	2868
Coby	0597	Luxor	1683	Technics	2869
Commercial Solutions	0615	LXI	1686	Technika	2870
Concorde	0626	M Electronic	1688	TechniSat	2873
Condor	0627	Maaz	4529	Technisson	2874
Conia	0628	Madison	1698	Technosonic	2878
Conrowa	0634	Magnadyne	1702	Technovision	4141
Contec	0635	Magnafon	1703	Techwood	2884
Continental Edison	0637	Magnavox	1706	Tecnimagen	2885
Cosmel	0647	Magnum	1709	Teco	2886
Crosley	0655	Mandor	1717	Tedelex	2889
Crown	0658	Manesth	1718	Tek	2892
CS Electronics	0663	Manhattan	1719	Teknant	4534
CTC	0664	Manta	1720	Teknika	2895
CTC Clatronic	3527	Marantz	1724	TELE System	3551
C-Tech	0449	Marelli	1729	Teleavia	2901
CTX	0665	Mark	1731	Telecor	2910
Curtis	0666	Mascom	1738	Telefunken	2914
Curtis Mathes	0667	Mastro	1743	Telefusion	2915
Cybertron	0675	Masuda	1744	Telegazi	2917

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Daewoo	0692	Matsui	1750	Telemeister	2924
Dainichi	0694	Matsushita	1751	Teleopta	4535
Dansai	0699	Maxdorf	1756	Telesonic	2930
Dantax	0702	Maxell	4477	Telestar	2931
Datong	4991	Maxent	1757	Teletech	2934
Datron	4201	Maxim	175 9	Teleton	2935
Datsura	0703	Maxwell	1763	Televidon	2938
Dawa	0707	McMichael	1768	Teleview	2939
Daytron	0710	Meck	1775	Televiso	2941
Dayu	0711	Mediator	1784	Temco	2946
De Graaf	0716	Mediencom	1786	Tennessee	2952
DEC	0717	Medion	1787	Tensai	2954
Decca	0718	Medison	1788	Tesla	3680
Deitron	0722	Megatron	1795	Tesmet	3550
Denver	0733	MEI	1796	Tevion	2962
Desmet	0738	Meile	1797	Texet	2963
DGM	3566	MeiShi	4118	Texla	2964
Diamant	0746	Melectronic	3654	Thomson	2972
Diamond	0747	Melvox	1799	Thorn	2974
Dick Smith Electronics	0750	Memorex	1800	Thorn-Ferguson	2976
Digatron	0751	Memphis	1802	TMK	2994
Digihome	0758	Mengmei	4119	TML	2995
Digiline	0759	Mercury	1804	Tobo	2999
DigiMax	3808	Mermaid	1806	Tokai	3001
Digital Life	0772	Metronic	1809	Tokaido	3002
Digitex	0780	Metz	1810	Tokyo	3004
Digitor	0781	MGA	1811	Tomashi	3006
Dikom	3391	Micromax	1822	Topline	3016

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Dixi	0807	Microstar	1827	Toshiba	3021
DL	0810	MicroTEK	1829	Towada	3028
DMTech	0813	Mikomi	1833	Toyoda	3030
Domeos	0817	Minato	1835	Trans Continens	3037
DongBao	4098	Minerva	1838	TRANS- continents	3039
Dongda	0820	Minoka	1840	Transonic	3041
Donghai	0821	Mitsai	3851	Trevi	3682
DongHua	4099	Mitsubishi	1855	Triad	3049
Donglin	4100	Mivar	1857	Trident	3054
Drean	0832	MoDeng	4120	Tristar	3057
DSE	0833	Moree	4565	Triumph	3058
DTS	0837	Morgans	3970	TUCSON	4634
Dual	0838	Morgan's	1875	TV Star	5485
Dual-Tec	3528	Motion	1877	TVS	3081
Dumont	0840	MTC	1889	Uher	3089
Duongjie	4101	MTEC	1890	Ultravox	3095
Durabrand	0842	MTlogic	1892	UMC	3099
Dux	0843	Mudan	1896	Unic Line	3100
D-Vision	0684	Multistandard	1904	Union	3781
DVX	0847	Multisystem	4121	United	3106
DX Antenna	0849	Multitec	1906	Unitek	5421
Dynatron	0855	Multitech	1907	Universal	3113
Dynex	3476	Murphy	1911	Universum	3115
Dyon	4769	Musikland	1915	Univox	3116
Easy Living	0860	Mx Onda	1919	Uranya	4536
Ecco	0864	Myryad	1922	VANGUARD	3450
ECE	0865	NAD	1926	Vegavox	4145

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
ECG	5412	Naiko	1930	Venturer	3143
Elbe	0880	Nakimura	1933	Vestel	3148
Elcit	0883	Nanbao	1934	Vexa	3149
Electa	3530	Nansheng	1935	Vibrant	3154
ELECTRO TECH	3531	NAT	1941	Victor	3155
Electroband	0888	National	1942	Videocon	3163
Electrograph	0889	NEC	1950	Videologic	3165
Electrohome	0890	Neckermann	1951	Videologique	3166
Electronic	4521	NEI	1952	Videosat	3170
Elektra	0896	Nesco	1960	VideoSystem	3172
Element	3477	Netsat	1966	Vidion	4498
Elfunk	0899	Neufunk	1970	Vidtech	3179
ELG	0900	Nevir	1977	Viewpia	3184
Elin	0902	New Tech	1979	Viewsonic	3186
Elite	0903	New World	1980	Viewstar	3187
Elmak	0907	Newave	1981	Viore	3192
Elonex	4019	Nikai	4566	Vision	3198
Elta	0910	Nikkai	1998	Vistron	3773
Emerson	0917	Nikkei	1999	Vizio	3211
Emperor	0921	Nikko	2000	Vortec	3217
Energy Sistem	0926	Nimbro	4065	Voxson	3220
Envision	0933	Nintaus	2006	VU	4078
Enzer	0934	Noblex	2013	Vue	3225
Epson	0937	Nobliko	2014	Walker	4311
Erres	0942	Nokia	2017	Waltham	3230
ESA	0943	Norcent	2020	Wards	3231
ESC	0945	Nordmende	2022	Warumaia	3232
Essentiel B	5524	Nordvision	3543	Watson	3233
Etron	0949	Normerel	2024	Watt Radio	3234

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Eurofeel	0954	Nortek	3862	Waycon	3237
EuroLine	0955	Novatronic	2035	Wegavox	3239
Euroman	0956	Novex	4567	Welltech	3244
Europa	0957	Nu-Tec	2048	Weltblick	3245
Europhon	0959	O.K.Line	4301	Weltstar	3247
Evelux	4783	Oceanic	2061	Westinghouse	3249
Evesham	0972	Odys	4066	Wharfedale	3255
Evolution	0973	ok.	5536	White Westinghouse	3258
Excello	0975	Okana	4122	Wilson	3260
Expert	0976	Okano	2065	Windsor	3265
Exquisit	0978	OKI	4067	Windstar	3266
Fagor Life	4102	Olevia	2067	Windy Sam	3267
Feilang	0990	Omni	2074	Winston	4537
Feilu	0991	ONCEAS	3544	Wintel	3271
Feiyan	0992	Onei	4302	Winternitz	4538
Feiyue	0993	Onida	2081	Wyse	3288
Fenmenti	4103	Onimax	2082	Xenius	3297
Fenner	0994	Onn	3663	XLogic	3310
Ferguson	0996	Onwa	2087	Xoro	3315
Fidelis	4522	Opera	2090	Xrypton	3317
Fidelity	0998	Optimus	2095	Yakumo	3320
Filmnet	0999	Orava/OTF	4530	Yamaha	3324
Finlandia	1003	Orbit	2103	Yamishi	3326
Finlux	1004	Orion	2111	Yingge	3328
Firstline	1008	Online	2113	Yokan	3334
Fisher	1009	Ormond	2114	Yoko	3335
Flint	1014	Osaki	2118	Yorx	3336
FNR	1016	Oscar	2120	YU-MA-TU	3603

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
Foehn & Hirsch	4351	Oso	2121	Zanussi	3349
Formenti	1023	Oso	2122	Zenith	3356
Formenti-Phoenix	1024	Osume	2123	Ziggo	4007
Fortress	1027	Otake	2124	Zinwell	3365
Fraba	1030	Otto Versand	2126	Zonda	3369
Friac	1040	Oulin	4123		
Frontech	1042	Pacific	2135		
Fujitsu	1052	Packard Bell	2138		
Fujitsu General	1053	Pael	2140		
Fujitsu Siemens	1054	Palladium	2145		
Funai	1056	Palsonic	2147		
Furichi	1058	Panama	2149		
FUTEC	3960	Panasonic	2153		
Futronic	1061	Panavision	2154		
Gaba	4059	Panda	2155		
Galaxi	1068	PARK	3951		
Galaxis	1069	Pathe Marconi	2169		
Galeria	3633	Pausa	2171		
Gangtai	4104	PEAQ	5339		
Ganxin	1072	Peng Sheng	2181		
Gateway	1076	Penney	2182		
GBC	1078	Pensonic	3778		
GE	1081	Perdio	2185		
Geant Casino	1082	Perfekt	2186		
GEC	1083	Pershin	2188		
Geloso	1087	Petters	2189		

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
General	1090	Philco	2192		
General Technic	1095	Philharmonic	2194		
Genesis	1096	Philips	2195		
Genexxa	1097	Phocus	2198		
Gericom	1103	Phoenix	2199		
GFM	3820	Phonola	2201		
G-Hanz	3397	Phonotrend	2202		
GM	4523	Pilot	2207		
GMG	4524	Pioneer	2212		
Goldfunk	1135	Pionier	2213		
GoldHand	1136	Plantron	2219		
Goldline	1138	Playsonic	2224		
GoldStar	1140	Polaroid	2230		
Goodmans	1142	Polestar	4124		
Gorenje	1144	Polyvision	4304		
GP	1147	Poppy	2236		
GPM	1149	Portland	2238		
Gradiente	1151	Powerpoint	2241		
Graetz	1152	Prandoni	4531		
Granada	1154	Prandoni-Prince	4125		
Grandin	1156	Praxis	2243		
Great Wall	4105	Precision	2244		
Grundig	1162	Premier	2248		
Grunkel	1164	President	2250		
GVA	3510	Prima	2253		
		Princess	3514		
		Pringston	2259		

TV Brand (A-G)	Brand Code	TV Brand (H-P)	Brand Code	TV Brand (Q-Z)	Brand Code
		Prinz	2260		
		Profekt	4126		
		Profex	2269		
		Profilo	2272		
		Profitronic	2273		
		Proline	2274		
		Promac	3779		
		Promax	2275		
		Proscan	2279		
		Proscos	2280		
		Prosonic	2282		
		Protech	2284		
		Proton	2288		
		Protron	2289		
		ProVision	2291		
		Pye	2302		
		Pymi	2304		

TV model code sets

The following table lists remote control codes for control of a TV using the Remote Handset. Refer to [Manual Code-set Entry Programming \(1+6\)](#) to apply the code.

TV make	Remote control codes
A.R. Systems	0199, 0418, 0362, 0359, 0331, 0248
Accent	0199
ACE	0531
Acer	0158, 0150, 0171, 0178, 0692
Acme	0240
Acoustic Solutions	0582, 0112, 0606

TV make	Remote control codes
Action	0435
Acura	0377, 0206
ADA	0458, 0206
ADC	0205, 0456
Addison	0229, 0436
Admiral	0398, 0188, 0205, 0219, 0437, 0305, 0356
AEG	0582, 0606, 0640, 0594, 0682, 0600, 0030, 0055, 0069, 0070, 0071, 0072, 0075, 0155, 0166
Aftron	0573
Agashi	0437
Agazi	0205
Agfaphoto	0049
Aiko	0199, 0655, 0290, 0377, 0412, 0456, 0359, 0341, 0248, 0206, 0636
Aim	0199, 0464, 0493, 0359, 0363, 0248
Airis	0505, 0139, 0130, 0131, 0132, 0160
Aiwa	0200, 0297, 0250, 0397
Akai	0199, 0275, 0291, 0418, 0471, 0493, 0518, 0654, 0676, 0207, 0341, 0290, 0437, 0237, 0232, 0433, 0412, 0479, 0377, 0440, 0456, 0360, 0359, 0439, 0365, 0363, 0364, 0368, 0238, 0369, 0458, 0594, 0424, 0248, 0206, 0636, 0606, 0048, 0052, 0156, 0159
Akashi	0550
Akiba	0199, 0207, 0359, 0360, 0256, 0363, 0382, 0238, 0369, 0315, 0439, 0388, 0248
Akira	0493, 0657, 0682, 0690, 0048, 0049, 0139, 0105, 0111
Akito	0199, 0467, 0359, 0363, 0334, 0248
Akura	0199, 0270, 0444, 0471, 0582, 0625, 0640, 0205, 0207, 0238, 0359, 0360, 0256, 0377, 0363, 0364, 0369, 0382, 0439, 0606, 0248, 0206, 0100
Alba	0199, 0444, 0471, 0582, 0672, 0206, 0485, 0207, 0238, 0470, 0305, 0232, 0290, 0241, 0263, 0276, 0377, 0360, 0298, 0365, 0442, 0359, 0509, 0363, 0412, 0364, 0438, 0369, 0439, 0248, 0268, 0354, 0173, 0645
ALBIRAL	0197
Alcyon	0202

TV make	Remote control codes
Alkos	0231, 0411
Allorgan	0265, 0468, 0384
Allstar	0199, 0479, 0359, 0363, 0369, 0248
Amoi	0324
Amplivision	0485, 0299, 0386
Amstrad	0199, 0270, 0582, 0205, 0206, 0207, 0303, 0287, 0228, 0290, 0437, 0377, 0359, 0360, 0339, 0365, 0363, 0369, 0439, 0238, 0248
Anam	0199, 0236, 0206, 0304
Anam, National	0199, 0435, 0359, 0248
Andersson	0606
Anglo	0377, 0206
Anhua	0534
Anitech	0199, 0202, 0205, 0206, 0216, 0218, 0437, 0377, 0359, 0363, 0369, 0476, 0248
Ansonic	0199, 0444, 0485, 0491, 0377, 0442, 0461, 0359, 0369, 0379, 0443, 0381, 0387, 0248, 0206
ANTECNO	0412
AOC	0645, 0229, 0275, 0426, 0626
Aolinpiya	0205
Aolinpu	0519
Apex	0525
Apex Digital	0259, 0088
Ardem	0199, 0471, 0363, 0364
Arena	0199
Aristona	0199, 0418, 0479, 0232, 0359, 0379, 0363, 0369, 0248
ART	0582
Arthur Martin	0386
ASA	0219, 0463, 0380, 0222, 0266, 0462, 0465, 0356
Asberg	0199, 0202, 0218, 0479, 0476, 0359, 0363, 0248
Astra	0199, 0437, 0206

TV make	Remote control codes
Asuka	0205, 0238, 0256, 0207, 0412, 0439, 0360, 0382
Asus	0148
ATD	0459
Atlantic	0199, 0235, 0479, 0232, 0359, 0363, 0381, 0248, 0251,
Atori	0377, 0206
Atoro	0437,
Auchan	0386,
Audiosonic	0199, 0471, 0524, 0655, 0672, 0485, 0437, 0412, 0207, 0479, 0439, 0232, 0362, 0282, 0238, 0360, 0359, 0363, 0364, 0369, 0248, 0206, 0600,
Audioton	0485, 0437
Audiovox	0170,
Audioworld	0459,
Ausind	0202, 0476
Autovox	0218, 0219, 0205, 0202, 0235, 0266, 0442, 0476, 0356,
Aventura	0270,
Awa	0229, 0655, 0437, 0269, 0433, 0358, 0378, 0510, 0248, 0199, 0682, 0501, 0043, 0095
Axxon	0471,
Baihehua	0537,
Baihua	0373, 0205
Baile	0373, 0429
Baird	0291, 0341, 0433, 0368
Bang & Olufsen	0420, 0219, 0356,
Baohuashi	0205,
Baosheng	0535, 0373
Barco	0418, 0197
BARON	0517,
Basic Line	0199, 0418, 0444, 0582, 0606, 0206, 0207, 0238, 0256, 0359, 0479, 0377, 0362, 0360, 0412, 0363, 0369, 0439, 0382, 0248

TV make	Remote control codes
Bauer	0437,
Baur	0199, 0284, 0414, 0232, 0000, 0322, 0363, 0369, 0359, 0319, 0325, 0458, 0248, 0239
Baysonic	0398,
Beaumark	0275,
Beijing	0291, 0307, 0518, 0525, 0373, 0371, 0512, 0535, 0537, 0237, 0206, 0205, 0429,
Beko	0199, 0471, 0652, 0485, 0413, 0383, 0359, 0509, 0364, 0369, 0457, 0248, 0006, 0090
Belson	0459,
Belstar	0582,
BenQ	0641, 0316, 0495, 0645, 0091,
Beon	0199, 0232, 0479, 0359, 0305, 0363, 0369, 0509, 0248,
Berthen	0444,
Best	0485, 0359, 0282, 0248
Bestar	0199, 0485, 0479, 0359, 0362, 0361, 0363, 0369, 0248,
Bestar-Daewoo	0362,
Bestavision	0545,
Bigston	0437,
Black, Diamond	0493, 0524, 0525, 0582, 0606,
Black Star	0225, 0442
Blacktron	0382, 0256
Blackway	0382, 0256
Blaupunkt	0284, 0458, 0247, 0234, 0273, 0325, 0239, 0015
Blu:sens	0123, 0124
Blue Sky	0199, 0418, 0426, 0444, 0471, 0582, 0620, 0625, 0652, 0207, 0238, 0360, 0359, 0256, 0363, 0382, 0315, 0369, 0364, 0439, 0388, 0248
Blue Star	0221, 0256, 0382, 0494
Boca	0652,
Bondstec	0225, 0442

TV make	Remote control codes
Boots	0467,
Bork	0625,
Bose	0000,
BPL	0199, 0291, 0574, 0632, 0639, 0221, 0269, 0256, 0359, 0382, 0369, 0363, 0494, 0248
Brandt	0419, 0426, 0471, 0385, 0280, 0281, 0361, 0248, 0257,
Brilliant	0615,
Brinkmann	0199, 0444, 0359, 0509, 0363, 0369, 0305, 0248
Brionvega	0199, 0219, 0232, 0359, 0479, 0356, 0248, 0251
Broksonic	0398,
Bruns	0219, 0336, 0434, 0457, 0356,
BSR	0265, 0468, 0384,
BTC	0207, 0238, 0360, 0439
Bush	0199, 0291, 0418, 0444, 0459, 0471, 0582, 0640, 0112, 0652, 0672, 0207, 0206, 0467, 0238, 0470, 0221, 0241, 0256, 0294, 0263, 0250, 0265, 0362, 0290, 0232, 0377, 0233, 0276, 0277, 0466, 0269, 0288, 0360, 0479, 0365, 0334, 0359, 0399, 0363, 0364, 0369, 0438, 0382, 0384, 0439, 0494, 0503, 0548, 0606, 0248, 0268, 0354, 0645
Caihong	0373, 0512, 0535,
Cailing	0550,
Caishi	0573,
Caixing	0537,
Cameron	0112, 0566, 0199,
Camper	0199,
Capsonic	0205,
Carad	0444, 0582, 0359, 0248
Carena	0199, 0359, 0363, 0369, 0315, 0388, 0248,
Carrefour	0199, 0470, 0369, 0380, 0438, 0248
Cascade	0199, 0206, 0359, 0377, 0363, 0369, 0248,
Casio	0199, 0496, 0359, 0363, 0248,
Catha	0359, 0248

TV make	Remote control codes
Cathay	0199, 0479, 0232, 0359, 0363, 0369, 0248,
Caton	0412,
CCE	0640, 0199, 0359, 0363, 0369, 0248
Celebrity	0000,
Celestial	0524, 0525
cello	0053, 0054
Centrex	0573,
Centrum	0582,
Centurion	0199, 0479, 0232, 0359, 0363, 0369, 0248,
Century	0219, 0442, 0356,
CGE	0197, 0218, 0485, 0225, 0202, 0437, 0305, 0476, 0442, 0509
CGM	0412, 0437
Champion	0535, 0206
Changcheng	0373, 0534, 0512, 0535, 0537, 0206, 0429, 0205
Changfei	0373, 0512, 0535, 0538
Changfeng	0493, 0512, 0535, 0205
Changhai	0373, 0512, 0535, 0538
Changhong	0525, 0259, 0411, 0524, 0372, 0373, 0397, 0371, 0512, 0237
Chaparral	0527,
Chengdu	0512, 0535
Chimei	0320, 0351
Chuangjia	0374, 0550
Chun, Yun	0000, 0464, 0660,
Chunfeng	0373, 0205
Chung, Hsin	0229,
Chunlan	0539,
Chunsun	0373, 0512, 0535,
CIE	0412,
Cimline	0206, 0377, 0360, 0241, 0439,

TV make	Remote control codes
Cinex	0640,
City	0377, 0206
Clarivox	0199, 0232, 0363, 0369, 0248, 0202
Clatronic	0199, 0471, 0202, 0205, 0218, 0225, 0485, 0290, 0287, 0207, 0412, 0479, 0439, 0442, 0443, 0377, 0359, 0360, 0476, 0238, 0361, 0363, 0365, 0364, 0369, 0248, 0206,
Clayton	0582,
CMX	0020, 0092, 0093,
Coby	0679, 0681, 0179,
Commercial Solutions	0630,
Concorde	0377, 0206
Condor	0199, 0485, 0437, 0256, 0479, 0359, 0377, 0442, 0509, 0363, 0369, 0443, 0382, 0387, 0248, 0206
Conia	0524, 0525, 0112,
Conrowa	0259, 0459, 0493, 0370, 0650, 0373, 0205,
Contec	0199, 0206, 0437, 0470, 0287, 0377, 0438, 0363, 0378, 0472
Continental Edison	0280, 0257
Cosmel	0199, 0437, 0377, 0363, 0369, 0282, 0248, 0206
Crosley	0000, 0218, 0219, 0225, 0202, 0442, 0476, 0356
Crown	0199, 0291, 0444, 0469, 0471, 0582, 0652, 0206, 0202, 0218, 0485, 0293, 0223, 0305, 0437, 0232, 0479, 0377, 0412, 0359, 0476, 0363, 0509, 0369, 0364, 0248
CS Electronics	0412, 0225, 0207, 0442, 0439, 0238, 0360,
CTC	0442, 0225, 0461,
CTC Clatronic	0412, 0437, 0461,
C-Tech	0573, 0574
CTX	0660,
Curtis	0682,
Curtis Mathes	0653, 0424
Cybertron	0207, 0238, 0360, 0439

TV make	Remote control codes
Daewoo	0199, 0229, 0275, 0418, 0429, 0550, 0653, 0671, 0198, 0206, 0203, 0294, 0246, 0300, 0306, 0437, 0400, 0479, 0498, 0353, 0412, 0377, 0359, 0360, 0362, 0482, 0439, 0361, 0363, 0369, 0501, 0588, 0248, 0066, 0167, 0128
Dainichi	0207, 0238, 0439, 0360
Dansai	0199, 0291, 0205, 0479, 0232, 0359, 0363, 0369, 0248, 0636
Dantax	0471, 0582, 0606, 0652, 0485, 0232, 0233, 0364, 0248, 0253
Datong	0158, 0178
Datron	0199,
Datsura	0291, 0223, 0293,
Dawa	0199, 0359, 0363, 0248
Daytron	0206, 0359, 0377, 0362, 0363, 0248
Dayu	0429,
De Graaf	0291, 0237, 0473,
DEC	0550, 0573
Decca	0199, 0341, 0287, 0245, 0467, 0232, 0269, 0479, 0334, 0456, 0433, 0359, 0363, 0368, 0369, 0248
Deitron	0359, 0248
Denver	0199, 0354, 0437, 0363, 0369, 0343, 0248, 0268, 0594, 0600, 0672, 0518, 0030, 0031, 0032, 0049, 0177,
Desmet	0199, 0479, 0232, 0359, 0363, 0369, 0248,
DGM	0600,
Diamant	0199, 0359, 0363, 0369, 0248,
Diamond	0459, 0464, 0524, 0550, 0574, 0437, 0290, 0359, 0248,
Dick Smith Electronics	0459, 0640
Digatron	0199, 0363
Digihome	0606,
Digiline	0199, 0444, 0359, 0248
DigiMax	0573,
Digital Life	0573,
Digitex	0524,

TV make	Remote control codes
Digitor	0199, 0459
Dikom	0690, 0691
Dixi	0199, 0206, 0232, 0479, 0336, 0377, 0359, 0363, 0369, 0248
DL	0573, 0625
DMTech	0021,
Domeos	0444,
DongBao	0206,
Dongda	0373, 0206
Donghai	0373,
DongHua	0206,
Donglin	0515,
Drean	0199, 0359, 0248,
DSE	0459, 0524, 0640, 0269, 0358, 0248, 0199,
DTS	0377, 0206
Dual	0199, 0582, 0606, 0437, 0285, 0359, 0361, 0363, 0331, 0487, 0381, 0248, 0173, 0090
Dual-Tec	0437, 0381, 0206, 0251
Dumont	0217, 0463, 0219, 0380, 0461, 0266, 0222, 0434, 0443, 0465, 0356,
Duongjie	0374, 0517, 0550,
Durabrand	0270, 0275, 0398, 0652
Dux	0199, 0232, 0359, 0363, 0248,
D-Vision	0199, 0418, 0363,
DVX	0573,
DX, Antenna	0665,
Dynatron	0199, 0479, 0232, 0359, 0363, 0248
Dynex	0664, 0670, 0665,
Dyon	0682, 0600, 0075,
Easy Living	0672,
Ecco	0499,
ECE	0199,

TV make	Remote control codes
ECG	0525, 0682, 0046, 0047
Elbe	0199, 0418, 0485, 0251, 0491, 0360, 0359, 0439, 0441, 0381, 0387, 0248
Elcit	0442, 0443, 0356,
Electa	0221, 0494
ELECTRO TECH	0437, 0206
Electroband	0000,
Electrograph	0659,
Electrohome	0398,
Electronic	0437,
Elektra	0653, 0382, 0256,
Element	0665, 0014, 0043,
Elfunk	0582,
ELG	0199, 0359, 0363, 0248
Elin	0199, 0222, 0437, 0232, 0462, 0479, 0434, 0377, 0359, 0363, 0369, 0465, 0248, 0206, 0251,
Elite	0199, 0207, 0238, 0479, 0360, 0359, 0439, 0248
Elmak	0461, 0434, 0443,
Elonex	0662,
Elta	0206, 0437, 0377,
Emerson	0199, 0270, 0275, 0398, 0444, 0471, 0628, 0653, 0665, 0219, 0485, 0290, 0359, 0380, 0363, 0442, 0365, 0364, 0369, 0248, 0356, 0202
Emperor	0382, 0256
Energy Sistem	0136, 0184
Envision	0626, 0645
Enzer	0493, 0550
Epson	0445, 0447
Erres	0199, 0479, 0232, 0359, 0379, 0363, 0369, 0248
ESA	0270, 0518
ESC	0199, 0359, 0363, 0248
Essentiel B	0600, 0118

TV make	Remote control codes
Etron	0524, 0359, 0206, 0248
Eurofeel	0205,
EuroLine	0232, 0248, 0253,
Euroman	0199, 0205, 0485, 0479, 0256, 0359, 0363, 0382, 0369, 0248
Europa	0199, 0359, 0363, 0369, 0248,
Europhon	0199, 0337, 0461, 0479, 0442, 0434, 0467, 0443, 0359, 0248
Evelux	0542,
Evesham	0606,
Evolution	0660,
Excello	0582,
Expert	0235, 0386, 0381, 0251
Exquisit	0199, 0359, 0363, 0369, 0248,
Fagor Life	0359, 0248
Feilang	0373,
Feilu	0373, 0512, 0535,
Feiyan	0205,
Feiyue	0373, 0512, 0535, 0537
Fenmenti	0363,
Fenner	0437, 0377, 0362, 0206
Ferguson	0199, 0284, 0419, 0426, 0582, 0385, 0232, 0229, 0230, 0281, 0369, 0257, 0478, 0481, 0484, 0248, 0173, 0330
Fidelis	0437,
Fidelity	0199, 0270, 0414, 0197, 0290, 0359, 0365, 0363, 0248,
Filmnet	0522,
Finlandia	0291, 0341, 0368, 0237
Finlux	0199, 0418, 0471, 0640, 0202, 0217, 0463, 0219, 0224, 0341, 0461, 0222, 0266, 0380, 0232, 0269, 0434, 0462, 0479, 0359, 0443, 0456, 0364, 0369, 0476, 0368, 0387, 0465, 0606, 0356, 0248,
Firstline	0199, 0291, 0418, 0444, 0471, 0582, 0625, 0225, 0206, 0341, 0241, 0265, 0437, 0359, 0362, 0479, 0377, 0276, 0361, 0442, 0363, 0364, 0443, 0368, 0369, 0468, 0384, 0387, 0248,

TV make	Remote control codes
Fisher	0341, 0485, 0222, 0271, 0237, 0470, 0327, 0368, 0438, 0465, 0472, 0474, 0356,
Flint	0199, 0359, 0360, 0341, 0479, 0363, 0315, 0369, 0368, 0439, 0388, 0248
FNR	0443,
Foehn & Hirsch	0120,
Formenti	0199, 0188, 0202, 0219, 0476, 0232, 0369, 0356, 0248, 0251
Formenti-Phoenix	0248, 0202
Fortress	0188, 0356
Fraba	0199, 0485, 0359, 0361, 0363, 0369, 0248,
Friac	0199, 0485, 0359, 0363, 0248,
Frontech	0205, 0290, 0225, 0437, 0377, 0442, 0206,
Fujitsu	0516, 0341, 0235, 0443, 0412, 0456
Fujitsu General	0341, 0368
Fujitsu Siemens	0606, 0073, 0074,
Funai	0444, 0000, 0270, 0471, 0582, 0617, 0628, 0665, 0205, 0265, 0271, 0437, 0391, 0384, 0468, 0606
Furichi	0550,
FUTEC	0459,
Futronic	0550,
Gaba	0582,
Galaxi	0199, 0305, 0359, 0443, 0485, 0248
Galaxis	0199, 0485, 0359, 0363, 0369, 0305, 0443, 0248
Galeria	0437,
Gangtai	0517,
Ganxin	0535, 0537
Gateway	0659, 0660
GBC	0341, 0433, 0437, 0377, 0269, 0362, 0360, 0470, 0412, 0439, 0248, 0206
GE	0275, 0419, 0426, 0630, 0418,

TV make	Remote control codes
Geant Casino	0386,
GEC	0199, 0197, 0210, 0341, 0479, 0433, 0456, 0232, 0359, 0363, 0475, 0369, 0368, 0248
Geloso	0206, 0437, 0377, 0412, 0362, 0442
General	0541,
General Technic	0377, 0437, 0206,
Genesis	0199,
Genexxa	0199, 0207, 0238, 0479, 0359, 0360, 0439, 0363, 0248,
Gericom	0033, 0034
GFM	0270, 0665
G-Hanz	0625,
GM	0437,
GMG	0437,
Goldfunk	0444,
GoldHand	0437,
Goldline	0359, 0248
GoldStar	0199, 0275, 0471, 0225, 0262, 0437, 0485, 0479, 0442, 0460, 0232, 0233, 0486, 0377, 0359, 0361, 0363, 0364, 0369, 0248, 0206,
Goodmans	0199, 0418, 0419, 0426, 0429, 0444, 0471, 0582, 0606, 0112, 0205, 0197, 0272, 0470, 0341, 0232, 0294, 0290, 0241, 0437, 0362, 0330, 0332, 0377, 0479, 0354, 0359, 0361, 0440, 0363, 0365, 0456, 0364, 0438, 0369, 0262, 0368, 0504, 0508, 0551, 0248, 0250, 0206, 0636, 0286, 0493, 0675, 0125, 0126, 0127, 0128,
Gorenje	0485,
GP	0493,
GPM	0207, 0238, 0437, 0359, 0412, 0439, 0248, 0360
Gradiente	0199, 0359, 0248,
Graetz	0471, 0606, 0290, 0359, 0365, 0248
Granada	0199, 0229, 0291, 0307, 0419, 0202, 0197, 0212, 0281, 0341, 0470, 0237, 0401, 0214, 0232, 0338, 0479, 0483, 0456, 0438, 0358, 0476, 0359, 0363, 0368, 0379, 0369, 0474, 0386, 0248

TV make	Remote control codes
Grandin	0199, 0418, 0444, 0471, 0582, 0207, 0256, 0221, 0232, 0362, 0439, 0360, 0238, 0359, 0494, 0363, 0382, 0364, 0369, 0206, 0248,
Great Wall	0362, 0469
Grundig	0006, 0611, 0199, 0284, 0418, 0464, 0669, 0197, 0463, 0217, 0202, 0485, 0239, 0380, 0313, 0458, 0363, 0369, 0354, 0359, 0234, 0476, 0488, 0325, 0412, 0511, 0546, 0606, 0248, 0112, 0501, 0090, 0133, 0134, 0135, 0146, 0165,
Grunkel	0606, 0112, 0075, 0123
GVA	0625,
Haaz	0464,
Haier	0120, 0459, 0199, 0411, 0573, 0574, 0688, 0389, 0275, 0645, 0682, 0518, 0036,
Haihong	0373, 0574, 0515, 0206
Haile	0513,
Haiyan	0512, 0535, 0537, 0205
Halcro	0373,
Halifax	0205,
Hankook	0275,
Hannspree	0662, 0586, 0137, 0138
Hanseatic	0199, 0418, 0426, 0429, 0471, 0485, 0256, 0491, 0311, 0479, 0470, 0457, 0377, 0232, 0468, 0358, 0359, 0363, 0364, 0369, 0382, 0384, 0206, 0248
Hantarex	0199, 0437, 0377, 0359, 0363, 0369, 0248, 0206
Hantor	0199, 0359, 0363, 0369, 0248,
Harwa	0499,
Harwood	0199, 0359, 0377, 0363, 0369, 0248, 0206,
Hauppauge	0199, 0409, 0269, 0359, 0363, 0248
HCM	0199, 0205, 0206, 0303, 0256, 0221, 0437, 0305, 0377, 0359, 0360, 0509, 0363, 0369, 0439, 0382, 0494, 0248
Hema	0377, 0206
HHB	0364,
Highline	0199, 0359, 0363, 0248
Hikona	0360, 0439
HiLine	0359, 0248

TV make	Remote control codes
Hinari	0199, 0291, 0197, 0206, 0207, 0470, 0238, 0232, 0241, 0377, 0437, 0360, 0359, 0363, 0369, 0479, 0263, 0302, 0438, 0476, 0439, 0248, 0237,
Hisawa	0471, 0207, 0256, 0221, 0299, 0360, 0315, 0364, 0382, 0238, 0439, 0494, 0386, 0388
Hisense	0009, 0010, 0620, 0008, 0259, 0291, 0411, 0418, 0493, 0525, 0550, 0625, 0671, 0680, 0370, 0574, 0371, 0237, 0650, 0211, 0007, 0011
Hisonix	0437,
Hitachi	0194, 0199, 0229, 0255, 0259, 0275, 0411, 0429, 0582, 0606, 0643, 0650, 0675, 0204, 0197, 0224, 0210, 0211, 0341, 0470, 0240, 0314, 0329, 0340, 0345, 0350, 0393, 0359, 0363, 0369, 0415, 0462, 0456, 0368, 0370, 0438, 0416, 0473, 0475, 0477, 0492, 0497, 0248, 0272, 0645, 0173, 0044, 0162
Hitachi Fujian	0229, 0255, 0550, 0535, 0370, 0537, 0650, 0205, 0211,
Hitec	0459,
Hoeher	0471, 0606, 0640, 0364
Homita	0363,
Hongmei	0372, 0373, 0397, 0512, 0535, 0537, 0205,
Hongyan	0535, 0205
Hornyphon	0199, 0479, 0359, 0363, 0369, 0248
Hoshai	0207, 0315, 0360, 0412, 0439, 0238, 0388,
HP	0633,
Huafa	0370, 0650, 0373,
Huanghaimei	0373,
Huanghe	0373, 0512, 0574, 0535, 0537,
Huanglong	0373,
Huangshan	0373, 0513, 0512, 0535, 0537, 0205
Huanyu	0294, 0362, 0397, 0372, 0512, 0535, 0537, 0205, 0211,
Huaqiang	0205,
Huari	0370, 0650, 0205,
Huijiaban	0374, 0550
Humax	0619,
Huodateji	0534,

TV make	Remote control codes
Hyper	0225, 0437, 0412, 0442, 0377, 0206
Hypson	0199, 0418, 0444, 0471, 0582, 0205, 0256, 0479, 0221, 0315, 0232, 0359, 0363, 0494, 0369, 0382, 0364, 0386, 0388, 0248
Hyundai	0459, 0493, 0550, 0582, 0112, 0640, 0655, 0689, 0464, 0035, 0175,
Iberia	0199, 0359, 0363, 0369, 0248,
ICE	0199, 0205, 0290, 0207, 0412, 0479, 0439, 0359, 0377, 0238, 0360, 0365, 0248, 0206
ICeS	0238, 0360, 0439,
iDEAL	0640,
iLo	0617, 0270
Imperial	0199, 0197, 0218, 0202, 0225, 0485, 0305, 0479, 0476, 0442, 0359, 0509, 0363, 0248, 0429, 0205
Indesit	0463, 0466
Indiana	0199, 0479, 0232, 0359, 0363, 0369, 0248,
Ingelen	0471, 0364
Ingersol	0377, 0206
Inno-Hit	0582, 0606, 0202, 0323, 0341, 0437, 0207, 0433, 0412, 0377, 0479, 0232, 0442, 0439, 0456, 0359, 0360, 0368, 0262, 0238, 0248, 0206
Innova	0199,
Innovation	0205, 0236, 0290, 0233, 0206, 0248
Inotech	0499, 0524
Insignia	0670, 0270, 0610, 0120, 0642, 0098
Inspira	0640,
INTER	0533,
Interactive	0485,
Interbuy	0199, 0225, 0216, 0363, 0377, 0442, 0369, 0248, 0206,
Interfunk	0199, 0414, 0485, 0225, 0322, 0479, 0232, 0358, 0363, 0379, 0369, 0359, 0248, 0356
Internal	0418, 0363, 0369, 0248
Intervision	0199, 0205, 0216, 0485, 0461, 0256, 0290, 0359, 0360, 0315, 0363, 0442, 0369, 0434, 0382, 0443, 0439, 0388, 0248,

TV make	Remote control codes
IR	0362, 0363, 0510, 0341, 0368, 0369, 0248,
Irradio	0199, 0202, 0290, 0207, 0437, 0412, 0232, 0479, 0377, 0442, 0359, 0360, 0439, 0365, 0363, 0238, 0248, 0206, 0262,
IRT	0459, 0653
Isukai	0199, 0207, 0238, 0360, 0359, 0256, 0382, 0363, 0369, 0439, 0248,
IT	0532,
ITS	0199, 0207, 0290, 0256, 0479, 0221, 0439, 0238, 0359, 0360, 0365, 0494, 0363, 0382, 0248,
ITT	0291, 0440, 0214, 0206
ITT Nokia	0291, 0251
ITV	0199, 0442, 0232, 0362, 0233, 0359, 0363, 0369, 0206, 0248, 0253,
Jay-tech	0600, 0051
JCB	0000,
Jean	0259,
JEC	0231, 0411, 0636,
Jiahua	0374, 0513, 0550, 0534
JiaLiCai	0206, 0373, 0205,
Jian Sheng	0519,
Jinfeng	0291, 0307, 0512, 0534, 0535,
Jinhai	0372, 0397
Jinlipu	0514,
Jinque	0535, 0373, 0205,
Jinta	0537, 0373, 0205,
Jinxing	0199, 0259, 0418, 0459, 0525, 0370, 0512, 0513, 0371, 0517, 0535, 0237, 0650, 0205
Jinxingban	0519,
JMB	0418, 0429, 0672,
JNC	0574,
Jocel	0469,
John Lewis	0099,

TV make	Remote control codes
JTV	0550,
Jubilee	0418,
Juhua	0535, 0537, 0205,
JVC	0436, 0693, 0614, 0398, 0411, 0435, 0480, 0002, 0193, 0213, 0197, 0470, 0230, 0360, 0290, 0365, 0509, 0438, 0366, 0479, 0417, 0439, 0484, 0587, 0606, 0040, 0041, 0042, 0096, 0163
Kaige	0535, 0537, 0373, 0205
Kaisui	0199, 0206, 0207, 0238, 0437, 0221, 0256, 0377, 0315, 0412, 0359, 0360, 0363, 0439, 0369, 0494, 0382, 0388, 0248,
Kangchong	0372, 0397
Kanghua	0574,
Kangli	0535, 0537, 0373, 0429, 0205,
Kangwei	0374, 0519, 0550,
Kangyi	0206, 0205, 0373,
Kansas Technologies	0459,
Kapsch	0222, 0235, 0381, 0251
Karcher	0471, 0640, 0485, 0437, 0256, 0232, 0462, 0359, 0364, 0382, 0441, 0443, 0248, 0206
Kathrein	0418, 0248
Kawa	0290, 0365
Ken Brown	0398,
Kendo	0199, 0582, 0485, 0437, 0461, 0241, 0359, 0442, 0361, 0363, 0369, 0441, 0443, 0387, 0248,
Kennedy	0251,
Kennex	0582,
Kenstar	0683,
Khind	0464, 0574
Kiota	0290,
Kioto	0418, 0464
Kiton	0199, 0444, 0363,

TV make	Remote control codes
Klarmax	0197,
KLL	0199,
Kneissel	0199, 0418, 0485, 0251, 0362, 0359, 0491, 0363, 0369, 0312, 0381, 0387, 0248,
Kogan	0682,
Kolin	0199, 0229, 0255, 0573, 0622, 0647, 0659,
Kolster	0199, 0479, 0359, 0369, 0248,
Kongque	0535, 0537, 0373, 0205
Konig	0199, 0358
Konka	0199, 0471, 0207, 0290, 0359, 0360, 0412, 0238, 0439, 0365, 0513, 0363, 0515, 0509, 0511, 0364, 0512, 0248
Korpel	0199, 0479, 0232, 0359, 0363, 0369, 0248,
Korting	0219, 0485, 0356, 0245
Kosmos	0199, 0359, 0369, 0248
Koyoda	0206,
Kuaile	0373, 0205
Kunft	0525,
Kunlun	0291, 0307, 0512, 0534, 0535, 0429, 0205,
Kuro	0223, 0293
Kyoshu	0509,
L&S Electronic	0471, 0364
Lavis	0582, 0625
Layco	0368, 0369, 0341, 0248
Lecson	0199, 0359, 0363, 0248
Lenco	0199, 0582, 0359, 0377, 0362, 0222, 0363, 0248, 0206, 0672, 0095, 0168, 0169,
Lenoir	0437, 0377, 0206,
Lerico	0434,
Lesa	0225, 0442
Lexsor	0635,
Leyco	0199, 0205, 0341, 0232, 0359, 0363, 0265, 0479, 0433, 0456, 0384, 0468, 0248,

TV make	Remote control codes
LG	0120, 0275, 0199, 0229, 0418, 0459, 0471, 0655, 0485, 0225, 0232, 0233, 0406, 0301, 0479, 0377, 0460, 0442, 0431, 0486, 0262, 0359, 0363, 0364, 0589, 0248, 0253, 0206, 0640, 0001, 0119, 0121, 0122,
LG/Goldstar	0248, 0199
Liesenk	0232,
Liesenk & Tter	0359, 0363, 0369, 0248
Liesenkotter	0199, 0359, 0248,
Life	0205, 0236, 0290, 0233, 0206, 0248
Lifetec	0199, 0444, 0471, 0582, 0205, 0236, 0290, 0233, 0359, 0362, 0360, 0377, 0439, 0363, 0364, 0369, 0248, 0206
Lihua	0535,
Lloyds	0206,
Lloyd's	0377,
Lodos	0582,
Loewe	0668, 0428, 0199, 0414, 0189, 0219, 0485, 0261, 0491, 0322, 0286, 0359, 0489, 0248
Loewe Opta	0232, 0479, 0359, 0363, 0369, 0356, 0248,
Logik	0459, 0499, 0582, 0287, 0290, 0510, 0378, 0365, 0682, 0324, 0034, 0042, 0043, 0079, 0080, 0081
Logix	0444,
Longjiang	0512, 0535, 0205,
Luma	0582, 0377, 0235, 0232, 0359, 0381, 0387, 0248, 0206, 0251
Lumatron	0199, 0479, 0232, 0359, 0363, 0381, 0248,
Lux May	0199, 0479, 0359, 0363, 0248,
Luxor	0291, 0582, 0606, 0197, 0440, 0451, 0262, 0477
LXI	0259, 0275
M Electronic	0199, 0284, 0414, 0429, 0471, 0652
Maaz	0197,
Madison	0199, 0363
Magnadyne	0219, 0225, 0461, 0437, 0434, 0442, 0232, 0443, 0356,
Magnafon	0218, 0202, 0461, 0337, 0434, 0476, 0443,

TV make	Remote control codes
Magnavox	0418, 0464, 0493, 0626, 0510, 0359, 0421, 0248
Magnum	0199, 0471, 0205, 0236, 0290, 0233, 0363, 0364, 0369, 0206, 0248,
Mandor	0205,
Manesth	0199, 0205, 0241, 0232, 0479, 0359, 0363, 0369, 0384, 0248, 0636,
Manhattan	0199, 0444, 0582, 0359, 0363, 0248
Manta	0600,
Marantz	0199, 0418, 0232, 0479, 0269, 0358, 0359, 0369, 0363, 0248, 0058, 0059
Marelli	0219, 0356
Mark	0199, 0471, 0479, 0232, 0359, 0362, 0377, 0361, 0363, 0364, 0369, 0248, 0206,
Mascom	0640, 0140
Mastro	0459, 0464, 0640,
Masuda	0199, 0290, 0439, 0360
Matsui	0199, 0284, 0291, 0418, 0471, 0582, 0669, 0206, 0197, 0467, 0341, 0287, 0470, 0228, 0232, 0237, 0231, 0241, 0281, 0377, 0320, 0437, 0290, 0363, 0359, 0378, 0365, 0263, 0265, 0479, 0369, 0364, 0276, 0456, 0288, 0488, 0368, 0315, 0334, 0351, 0438, 0510, 0384, 0388, 0468, 0505, 0606, 0248, 0411, 0636, 0239,
Matsushita	0435, 0236, 0304,
Maxdorf	0499, 0618
Maxell	0437,
Maxent	0659,
Maxim	0640,
Maxwell	0197,
McMichael	0210, 0475
Meck	0459, 0573
Mediator	0199, 0418, 0232, 0479, 0379, 0359, 0363, 0369, 0248,
Mediencom	0248,
Medion	0199, 0414, 0418, 0444, 0459, 0471, 0582, 0640, 0205, 0236, 0290, 0233, 0359, 0361, 0363, 0364, 0369, 0606, 0206, 0248, 0112, 0672, 0004, 0109, 0110, 0111, 0113, 0114
Medison	0359, 0248
Megatron	0275,

TV make	Remote control codes
MEI	0582,
Meile	0535, 0537, 0205,
MeiShi	0459,
Melectronic	0206, 0216, 0224, 0215, 0222, 0294, 0232, 0362, 0257, 0377, 0290, 0317, 0479, 0462, 0359, 0322, 0363, 0364, 0440, 0451, 0442, 0369, 0387, 0465, 0248,
Melvox	0386,
Memorex	0255, 0275, 0398, 0582, 0377, 0206
Memphis	0377, 0282, 0341, 0456, 0206,
Mengmei	0537,
Mercury	0199, 0377, 0359, 0363, 0248, 0206
Mermaid	0199,
Metronic	0426,
Metz	0029, 0028, 0027, 0026, 0025, 0199, 0284, 0444, 0606, 0219, 0363, 0267, 0369, 0289, 0402, 0325, 0458, 0511, 0356, 0248, 0239, 0023, 0024, 0107
MGA	0255, 0275, 0412,
Micromax	0199, 0236, 0205, 0233, 0248, 0471, 0290, 0359, 0582, 0363, 0206,
Microstar	0205, 0236, 0290, 0233, 0206, 0248
MicroTEK	0524, 0550
Mikomi	0582,
Minato	0199, 0363
Minerva	0229, 0284, 0217, 0463, 0202, 0325, 0380, 0458, 0239,
Minoka	0199, 0303, 0479, 0359, 0363, 0248
Mitsai	0640,
Mitsubishi	0255, 0199, 0229, 0275, 0414, 0418, 0536, 0582, 0613, 0197, 0287, 0219, 0470, 0209, 0359, 0363, 0322, 0401, 0369, 0438, 0437, 0325, 0404, 0458, 0479, 0356, 0248,
Mivar	0422, 0262, 0485, 0323, 0476, 0202, 0491,
MoDeng	0459,
Moree	0199,
Morgans	0359, 0363, 0248,

TV make	Remote control codes
Morgan's	0199,
Motion	0218, 0476, 0202,
MTC	0414, 0485, 0322,
MTEC	0467,
MTlogic	0471, 0364, 0087,
Mudan	0291, 0307, 0374, 0550, 0534, 0535, 0205, 0373
Multistandard	0443,
Multisystem	0232, 0248
Multitec	0199, 0444, 0582, 0640, 0363,
Multitech	0199, 0206, 0485, 0218, 0461, 0225, 0437, 0470, 0412, 0377, 0442, 0232, 0443, 0359, 0476, 0363, 0248,
Murphy	0341, 0222, 0465, 0368
Musikland	0360, 0439
Mx Onda	0144,
Myryad	0418,
NAD	0199, 0259, 0275,
Naiko	0199, 0493, 0359, 0363, 0248,
Nakimura	0199, 0359, 0369, 0248
Nanbao	0373, 0205
Nansheng	0512, 0535, 0205,
NAT	0307,
National	0291, 0307, 0411, 0243, 0483, 0359, 0363, 0369
NEC	0259, 0275, 0411, 0436, 0663, 0437, 0470, 0362, 0227, 0359, 0438, 0510, 0248, 0593, 0115, 0116, 0117,
Neckermann	0199, 0418, 0219, 0485, 0458, 0305, 0232, 0269, 0319, 0479, 0442, 0359, 0509, 0369, 0363, 0387, 0356, 0248
NEI	0199, 0582, 0232, 0290, 0479, 0282, 0359, 0365, 0363, 0369, 0248,
Nesco	0225, 0442
Netsat	0199, 0359, 0363, 0248
Neufunk	0199, 0418, 0471, 0359, 0377, 0363, 0364, 0369, 0248, 0206

TV make	Remote control codes
Nevir	0046, 0047, 0048,
New Tech	0199, 0418, 0479, 0377, 0359, 0363, 0248, 0206
New World	0207, 0439, 0360, 0238
Newave	0275,
Nikai	0606,
Nikkai	0199, 0205, 0207, 0341, 0238, 0231, 0232, 0282, 0479, 0359, 0377, 0360, 0438, 0456, 0439, 0363, 0368, 0369, 0248, 0206, 0411, 0636
Nikkei	0471,
Nikko	0275,
Nimbro	0672,
Nintaus	0573,
Noblex	0199, 0437, 0359, 0248
Nobliko	0218, 0202, 0463, 0461, 0434, 0380, 0443, 0476
Nokia	0291, 0317, 0451, 0440, 0362, 0214
Norcent	0626, 0645
Nordmende	0199, 0284, 0419, 0471, 0573, 0606, 0669, 0466, 0257, 0479, 0359, 0363, 0364, 0356, 0248, 0239, 0151,
Nordvision	0232,
Normerel	0199, 0363
Nortek	0444,
Novatronic	0199, 0362, 0359, 0363, 0369, 0248
Novex	0112,
Nu-Tec	0459, 0524, 0525,
O.K.Line	0582,
Oceanic	0291, 0386, 0384, 0202
Odys	0600, 0075, 0076,
ok.	0606, 0672
Okana	0369, 0248
Okano	0199, 0485, 0359, 0363, 0341, 0248
OKI	0606,

TV make	Remote control codes
Olevia	0603, 0622, 0647,
Omni	0459, 0573
ONCEAS	0437,
Onei	0606,
Onida	0436, 0614, 0684,
Onimax	0471, 0364
Onn	0606,
Onwa	0290, 0360, 0365, 0339, 0439,
Opera	0199, 0359, 0363, 0248
Optimus	0435,
Orava/OTF	0437,
Orbit	0199, 0479, 0359, 0363, 0248,
Orion	0199, 0398, 0418, 0471, 0582, 0669, 0190, 0287, 0197, 0232, 0233, 0250, 0241, 0263, 0377, 0265, 0348, 0276, 0479, 0378, 0359, 0363, 0369, 0288, 0510, 0364, 0443, 0468, 0384, 0248, 0206, 0096, 0097,
Online	0199, 0360, 0359, 0363, 0369, 0439, 0248,
Ormond	0444, 0582, 0233, 0248
Osaki	0199, 0418, 0205, 0303, 0341, 0207, 0238, 0467, 0362, 0360, 0359, 0439, 0456, 0363, 0368, 0369, 0000, 0248
Oscar	0543,
Osio	0199, 0359, 0363, 0369, 0262, 0248
Oso	0207, 0238, 0360, 0439
Osume	0199, 0360, 0363, 0341, 0369, 0368, 0456, 0226, 0438, 0439, 0472, 0248
Otake	0272,
Otto Versand	0199, 0284, 0307, 0414, 0418, 0188, 0470, 0221, 0223, 0000, 0458, 0437, 0241, 0322, 0319, 0479, 0325, 0232, 0442, 0338, 0358, 0359, 0363, 0369, 0438, 0384, 0494, 0248, 0239,
Oulin	0374, 0550
Pacific	0418, 0471, 0582, 0364
Packard Bell	0620, 0640
Pael	0202,

TV make	Remote control codes
Palladium	0199, 0418, 0471, 0485, 0305, 0460, 0442, 0359, 0509, 0363, 0364, 0387, 0248,
Palsonic	0199, 0459, 0499, 0635, 0359, 0509, 0363, 0248
Panama	0199, 0205, 0442, 0377, 0359, 0363, 0000, 0248, 0206,
Panasonic	0435, 0651, 0199, 0229, 0291, 0307, 0411, 0574, 0617, 0631, 0196, 0197, 0243, 0236, 0304, 0247, 0252, 0289, 0338, 0346, 0359, 0394, 0407, 0483, 0578, 0579, 0248, 0363, 0018, 0019, 0695,
Panavision	0199, 0359, 0363, 0369, 0387, 0248
Panda	0291, 0307, 0411, 0459, 0464, 0525, 0573, 0372, 0373, 0397, 0534, 0550, 0374, 0512, 0535, 0537, 0205,
PARK	0672,
Pathe Marconi	0280,
Pausa	0377, 0206, 0437,
PEAQ	0606, 0003
Peng, Sheng	0573,
Penney	0259, 0275
Pensonic	0573, 0550
Perdio	0199, 0359, 0456, 0363, 0369, 0341, 0248,
Perfekt	0199, 0359, 0363, 0248
Pershin	0202,
Petters	0199, 0112
Philco	0199, 0270, 0275, 0398, 0617, 0628, 0653, 0197, 0219, 0225, 0218, 0202, 0485, 0305, 0359, 0442, 0476, 0509, 0363, 0369, 0248, 0356
Philharmonic	0000,
Philips	0421, 0418, 0000, 0199, 0229, 0275, 0414, 0660, 0190, 0197, 0219, 0185, 0294, 0595, 0187, 0208, 0210, 0279, 0248, 0232, 0458, 0242, 0249, 0253, 0258, 0362, 0269, 0274, 0392, 0278, 0453, 0379, 0358, 0359, 0363, 0369, 0432, 0454, 0455, 0475, 0476, 0479, 0487, 0507, 0547, 0599, 0608, 0596, 0583, 0598, 0581, 0597, 0356, 0251, 0645, 0077, 0147, 0182
Phocus	0471, 0652
Phoenix	0199, 0219, 0485, 0479, 0232, 0341, 0359, 0363, 0248, 0356
Phonola	0199, 0418, 0197, 0219, 0232, 0479, 0359, 0208, 0361, 0379, 0363, 0369, 0356, 0248

TV make	Remote control codes
Phonotrend	0359, 0248
Pilot	0464, 0469, 0650,
Pioneer	0631, 0616, 0199, 0414, 0459, 0435, 0410, 0485, 0396, 0257, 0232, 0358, 0359, 0479, 0363, 0369, 0584, 0590, 0248, 0227, 0562, 0044, 0045, 0153, 0161,
Pionier	0640, 0363
Plantron	0199, 0205, 0437, 0479, 0359, 0377, 0363, 0248, 0206,
Playsonic	0199, 0471, 0652, 0363, 0364,
Polaroid	0618, 0620, 0112, 0390, 0036, 0038, 0062, 0063, 0064,
Polestar	0526,
Polyvision	0603,
Poppy	0377, 0206
Portland	0653, 0362
Powerpoint	0199, 0459, 0363,
Prandoni	0434, 0202
Prandoni-Prince	0442, 0202
Praxis	0528,
Precision	0000,
Premier	0573,
President	0550,
Prima	0493, 0635, 0437, 0377, 0206,
Princess	0499,
Pringston	0582,
Prinz	0341, 0477
Profekt	0359, 0248
Profex	0206, 0377, 0218, 0437, 0476,
Profilo	0640, 0233, 0248,
Profitronic	0199, 0479, 0359, 0363, 0369, 0443, 0248,
Proline	0199, 0426, 0429, 0582, 0359, 0363, 0379, 0456, 0479, 0341, 0368, 0276, 0248,
Promac	0550,

TV make	Remote control codes
Promax	0550,
Proscan	0630, 0673, 0677,
Prosco	0259,
Prosonic	0199, 0444, 0471, 0620, 0635, 0243, 0485, 0232, 0362, 0233, 0359, 0365, 0363, 0364, 0369, 0248, 0672, 0049
Protech	0199, 0444, 0582, 0205, 0206, 0225, 0461, 0305, 0479, 0282, 0232, 0359, 0509, 0363, 0369, 0000, 0248,
Proton	0275,
Protron	0621,
ProVision	0199, 0418, 0471, 0232, 0233, 0359, 0361, 0363, 0364, 0248
Pye	0199, 0418, 0232, 0290, 0362, 0295, 0479, 0359, 0361, 0379, 0363, 0369, 0248,
Pymi	0377, 0206
Quadro	0493,
Quandra Vision	0386,
Quasar	0435, 0225, 0202,
Quelle	0199, 0284, 0414, 0444, 0582, 0205, 0463, 0217, 0225, 0000, 0287, 0222, 0266, 0319, 0322, 0325, 0437, 0232, 0233, 0380, 0458, 0442, 0462, 0479, 0378, 0269, 0438, 0358, 0359, 0363, 0369, 0510, 0468, 0465, 0521, 0248, 0202, 0262, 0239,
Questa	0438, 0470
Radialva	0360, 0359, 0369, 0439, 0248,
Radio	0361, 0248
Radiola	0199, 0418, 0479, 0232, 0359, 0379, 0363, 0369, 0248,
Radiomarelli	0199, 0225, 0219, 0442, 0359, 0363, 0369, 0356, 0248,
Radionette	0462, 0465, 0206,
RadioShack	0199, 0275, 0359, 0363, 0369, 0248
Radiotone	0199, 0444, 0582, 0485, 0359, 0363, 0479, 0377, 0369, 0305, 0457, 0248, 0206,
Rank	0463, 0470, 0380,
Rank Arena	0493,
RBM	0463, 0217

TV make	Remote control codes
RCA	0000, 0275, 0419, 0424, 0426, 0493, 0630, 0674, 0685, 0686, 0214, 0418, 0291, 0020
Realistic	0275,
Recco	0464,
Recor	0199, 0359, 0363, 0369, 0248,
Rectiligne	0199, 0363
Rediffusion	0197,
Redstar	0199, 0359, 0369, 0248
Reflex	0199, 0444, 0582, 0359, 0363, 0369, 0248,
Relisys	0112,
Remotec	0199, 0270
Reoc	0471, 0364
Revox	0199, 0485, 0479, 0232, 0359, 0363, 0369, 0248
Rex	0205, 0235, 0442, 0251, 0381, 0387
RFT	0199, 0341, 0219, 0485, 0491, 0363, 0311, 0368, 0336, 0457, 0356,
Rinex	0499,
Risheng	0517,
Rizhi	0517,
R-Line	0199, 0479, 0232, 0359, 0363, 0369, 0248,
Roadstar	0199, 0444, 0471, 0582, 0205, 0206, 0207, 0250, 0238, 0359, 0360, 0437, 0377, 0352, 0305, 0509, 0363, 0369, 0412, 0439, 0248,
Robotron	0356,
Rolson	0671,
Rowa	0199, 0459, 0469,
Royal	0437,
Royal Lux	0485,
RTF	0356,
Ruyi	0535, 0537, 0211,
Saba	0419, 0426, 0471, 0385, 0219, 0257, 0281, 0364, 0482, 0356
Sagem	0424, 0388, 0315, 0441, 0567, 0141

TV make	Remote control codes
Saige	0535, 0373
Saisho	0205, 0197, 0206, 0209, 0287, 0377, 0228, 0241, 0378, 0412, 0510,
Saivod	0199, 0444, 0469, 0582, 0606, 0640, 0363,
Salora	0291, 0640, 0197, 0214, 0223, 0262, 0477, 0600, 0606, 0022, 0046, 0049, 0071, 0094, 0154,
Sambers	0218, 0323, 0202, 0461, 0337, 0443, 0434, 0476
Sampo	0270, 0275, 0435, 0659
Samsung	0518, 0199, 0259, 0275, 0291, 0307, 0418, 0424, 0435, 0525, 0206, 0205, 0191, 0341, 0192, 0262, 0287, 0485, 0323, 0220, 0232, 0395, 0354, 0355, 0260, 0268, 0269, 0335, 0437, 0479, 0377, 0359, 0433, 0363, 0456, 0368, 0369, 0000, 0506, 0511, 0248, 0120, 0082, 0084, 0145, 0180
Sandstrom	0010,
Sanjian	0205,
Sansui	0398, 0199, 0270, 0464, 0471, 0493, 0612, 0640, 0290, 0479, 0359, 0363, 0369, 0248
Sanyo	0602, 0593, 0592, 0229, 0259, 0291, 0411, 0582, 0618, 0635, 0485, 0491, 0287, 0341, 0470, 0212, 0226, 0222, 0214, 0437, 0237, 0377, 0283, 0462, 0359, 0378, 0433, 0456, 0368, 0370, 0438, 0450, 0465, 0472, 0476, 0474, 0502, 0510, 0606, 0248, 0206, 0650, 0108,
Sanyuan	0373, 0512, 0535, 0537
SBR	0199, 0418, 0232, 0359, 0379, 0363, 0369, 0208, 0210, 0475, 0248,
Sceptre	0624, 0646, 0017,
Schaub, Lorenz	0471, 0437, 0412, 0606
Schneider	0199, 0418, 0444, 0471, 0582, 0197, 0207, 0208, 0215, 0232, 0238, 0271, 0269, 0290, 0285, 0359, 0360, 0437, 0296, 0361, 0363, 0479, 0442, 0365, 0331, 0379, 0402, 0369, 0364, 0412, 0381, 0439, 0248, 0202, 0047,
Scotch	0275,
Scott	0275, 0656, 0095, 0157
Sears	0259, 0270, 0275,
Seaway	0429,
Seelver	, 0582,

TV make	Remote control codes
SEG	0199, 0444, 0582, 0606, 0205, 0218, 0225, 0461, 0336, 0401, 0470, 0232, 0377, 0442, 0438, 0359, 0476, 0363, 0369, 0248, 0253, 0206, 0600, 0540, 0006, 0054, 0055, 0139, 0156, 0172, 0174, 0176, 0694,
SEI	0199, 0000, 0219, 0359, 0363, 0228, 0443, 0461, 0265, 0384, 0248,
Seiki	0014,
Sei-Sinudyne	0199, 0461, 0434, 0363, 0369, 0468, 0356, 0248
Seleco	0235, 0251, 0290, 0470, 0365, 0381, 0387, 0202
Semivox	0398,
Semp	0259,
SENCOR	0682, 0047, 0060,
Sencora	0377, 0206
Sentra	0377, 0360, 0231, 0439, 0206, 0411, 0636,
Serie Dorada	0259, 0275
Serino	0315, 0441, 0388,
Seye	0517,
Shancha	0535, 0205
Sharp	0523, 0627, 0609, 0435, 0436, 0188, 0201, 0197, 0470, 0333, 0500, 0438, 0384, 0432, 0449, 0472, 0645, 0606, 0012, 0097
Sherwood	0373,
Shinelco	0672,
Shintoshii	0199, 0363, 0369, 0248
Shivaki	0199, 0275, 0363,
Shiwan	0412,
Shorai	0265, 0384, 0468,
Siam	0199, 0359, 0248,
Siarem	0219, 0461, 0434, 0359, 0443, 0356, 0248, 0239
Siemens	0199, 0284, 0359, 0363, 0369, 0226, 0458, 0234, 0325, 0472, 0248, 0202
Siera	0199, 0418, 0479, 0379, 0359, 0248
Siesta	0485,
Silva	0199, 0437, 0363,

TV make	Remote control codes
Silva Schneider	0199, 0640, 0363,
Silver	0470, 0359, 0412, 0438, 0248,
SilverCrest	0582, 0606
Singer	0199, 0573, 0640, 0219, 0225, 0461, 0290, 0437, 0434, 0359, 0442, 0363, 0443, 0386, 0356, 0248
Sinotec	0499,
Sinudyne	0199, 0197, 0219, 0461, 0000, 0232, 0269, 0228, 0241, 0359, 0363, 0336, 0443, 0434, 0384, 0412, 0468, 0356, 0248,
SKY	0199, 0359, 0363, 0248
Skysonic	0493,
Skyworth	0092, 0199, 0459, 0493, 0374, 0550, 0512, 0535, 0205,
SLX	0444,
Sogo	0690, 0031, 0051,
Solavox	0199, 0341, 0363, 0368
Sonawa	0360, 0439
Soniko	0199, 0363
Soniq	0050,
Sonitron	0291, 0237, 0485, 0214
Sonneclair	0199, 0363
Sonoko	0199, 0205, 0206, 0256, 0412, 0437, 0479, 0232, 0377, 0359, 0363, 0369, 0382, 0248
Sonolor	0291, 0237, 0386,
Sontec	0199, 0485, 0479, 0232, 0359, 0363, 0369, 0384, 0248,
Sony	0000, 0634, 0435, 0017, 0186, 0197, 0470, 0287, 0319, 0347, 0292, 0363, 0378, 0438, 0443, 0403, 0446, 0448, 0456, 0472, 0510, 0549, 0577, 0206, 0120, 0065
Sound & Vision	0207, 0439, 0461, 0362, 0360, 0238, 0443,
Soundesign	0275,
Soundmaster	0412, 0437
Soundwave	0199, 0582, 0232, 0479, 0305, 0359, 0363, 0369, 0509, 0248
Sova	0621,

TV make	Remote control codes
Sowa	0259, 0275, 0307,
Soyea	0499,
Squareview	0270,
Srypton	0363,
Stag	0412,
Standard	0199, 0582, 0206, 0207, 0238, 0437, 0479, 0412, 0377, 0359, 0362, 0360, 0439, 0363, 0369, 0000, 0248,
Starlite	0199, 0437, 0232, 0377, 0359, 0363, 0206, 0248
Starlux	0437,
Stenway	0221, 0256, 0360, 0439, 0382, 0494
Stern	0235, 0251, 0381,
Strato	0199, 0359, 0377, 0363, 0369, 0248, 0206,
Strong	0606,
Sunkai	0359, 0360, 0241, 0263, 0265, 0384, 0388, 0276, 0315, 0288, 0439, 0468, 0206, 0248
Sunny	0199,
Sunstar	0199, 0290, 0359, 0377, 0363, 0365, 0369, 0206, 0248,
Sunwood	0199, 0479, 0359, 0377, 0363, 0369, 0248, 0206
Superscan	0552,
Supersonic	0291,
SuperTech	0199, 0418, 0437, 0360, 0359, 0377, 0361, 0363, 0439, 0369, 0248, 0206
Supervision	0361, 0248
Supra	0275, 0377, 0437, 0206
Supreme	0000,
Susumu	0207, 0281, 0238,
Sutron	0377, 0206
SVA	0511,
Svasa	0291,
Sven	0544,
Swedx	0016, 0129

TV make	Remote control codes
Swisstec	0662, 0672, 0049, 0055, 0056, 0139
SWP	0437,
Sydney	0000,
Sylvania	0665, 0270, 0617, 0620, 0628, 0421
Symphonic	0270, 0665
Synco	0000, 0275, 0659,
Sysline	0199, 0232, 0363, 0369, 0248,
Tacico	0275,
Tactus	0467,
Taishan	0373, 0512, 0514, 0535
Talent	0275,
Tandberg	0266, 0282, 0387, 0468
Tandy	0188, 0207, 0341, 0442, 0238, 0456, 0439, 0360, 0368, 0000
Tantec	0467,
Targa	0568,
Tashiko	0435, 0210, 0438, 0470, 0475, 0000, 0363,
Tatung	0199, 0259, 0640, 0660, 0467, 0341, 0245, 0250, 0232, 0479, 0269, 0456, 0433, 0359, 0361, 0378, 0510, 0364, 0368, 0369, 0000, 0248, 0038,
TCL	0003, 0426, 0459, 0464, 0685, 0686
TCM	0471, 0205, 0236, 0357, 0290, 0233, 0554, 0555, 0206, 0248
Teac	0199, 0270, 0275, 0414, 0444, 0459, 0464, 0469, 0471, 0582, 0625, 0112, 0659, 0359, 0322, 0363, 0369, 0315, 0388, 0248, 0588, 0324, 0139, 0101, 0102, 0103, 0104, 0105, 0106,
Teachimagen	0361, 0248
Tec	0199, 0225, 0437, 0281, 0442, 0377, 0282, 0363, 0541, 0000, 0206,
Tech Line	0199, 0444, 0606, 0363
Techica	0360, 0439
Technica	0582, 0412
Technics	0418, 0435, 0236, 0247, 0304,
Technika	0606, 0672, 0039, 0049

TV make	Remote control codes
TechniSat	0418, 0328, 0336, 0548, 0606, 0246, 0067, 0068
Technisson	0471, 0652
Technosonic	0418, 0426
Technovision	0529,
Techwood	0582, 0606
Tecnimagen	0418,
Teco	0275, 0436, 0112,
Tedelex	0291, 0573, 0655, 0437
Tek	0524,
Teknant	0437,
Teknika	0255,
TELE System	0525, 0606
Teleavia	0280, 0257
Telecor	0199, 0359, 0360, 0439, 0363, 0381, 0248,
Telefunken	0606, 0173, 0426, 0199, 0419, 0459, 0469, 0471, 0493, 0524, 0525, 0574, 0640, 0655, 0385, 0197, 0359, 0281, 0344, 0363, 0369, 0479, 0478, 0481, 0541, 0424, 0248, 0257, 0086,
Telefusion	0199, 0363
Telegazi	0199, 0360, 0359, 0363, 0369, 0439, 0381, 0248
Telemeister	0199, 0359, 0369, 0248
Teleopta	0437,
Telesonic	0199, 0359, 0363, 0369, 0248,
Telestar	0199, 0418, 0359, 0363, 0369, 0248, 0164,
Teletech	0199, 0444, 0582, 0225, 0206, 0232, 0377, 0442, 0359, 0363, 0369, 0282, 0248, 0253
Teleton	0235, 0438, 0000, 0381
Televideton	0202,
Television	0199, 0363
Televiso	0386,
Temco	0384,

TV make	Remote control codes
Tennessee	0199, 0363, 0369, 0248
Tensai	0199, 0582, 0207, 0272, 0222, 0238, 0290, 0362, 0437, 0265, 0377, 0359, 0360, 0434, 0479, 0412, 0365, 0442, 0363, 0369, 0439, 0384, 0468, 0465, 0248, 0206
Tesla	0199, 0418, 0471, 0582, 0652,
Tesmet	0479,
Tevion	0199, 0418, 0444, 0471, 0582, 0640, 0112, 0205, 0236, 0290, 0233, 0363, 0364, 0606, 0206, 0248
Texet	0362, 0377, 0238, 0000, 0206,
Texla	0517,
Thomson	0426, 0003, 0199, 0419, 0493, 0630, 0385, 0195, 0280, 0310, 0342, 0257, 0281, 0264, 0367, 0359, 0363, 0369, 0408, 0478, 0479, 0481, 0482, 0490, 0541, 0248, 0202, 0149
Thorn	0199, 0414, 0197, 0467, 0232, 0341, 0254, 0363, 0281, 0359, 0369, 0231, 0222, 0322, 0368, 0230, 0319, 0325, 0456, 0326, 0484, 0433, 0465, 0248, 0636, 0202, 0411,
Thorn-Ferguson	0205,
TMK	0275,
TML	0660,
Tobo	0437, 0374, 0550, 0373, 0205,
Tokai	0199, 0444, 0582, 0437, 0362, 0479, 0359, 0282, 0456, 0363, 0369, 0341, 0248, 0600
Tokaido	0582,
Tokyo	0636,
Tomashi	0221, 0256, 0360, 0382, 0439, 0494
Topline	0444, 0582
Toshiba	0638, 0636, 0411, 0259, 0284, 0424, 0435, 0525, 0582, 0463, 0217, 0470, 0250, 0231, 0309, 0244, 0380, 0326, 0364, 0349, 0438, 0370, 0443, 0423, 0425, 0427, 0430, 0452, 0604, 0580, 0471, 0518, 0239, 0650, 0000, 0606, 0652, 0017, 0013, 0152
Towada	0443,
Toyoda	0290,

TV make	Remote control codes
Trans Continens	0359, 0363, 0248,
TRANS- continents	0199, 0418, 0444, 0582
Transonic	0199, 0414, 0459, 0469, 0625, 0363, 0511, 0418
Trevi	0412, 0437
Triad	0418,
Trident	0000,
Tristar	0360, 0439
Triumph	0199, 0418, 0228, 0359, 0244, 0248
TUCSON	0606,
TV Star	0046,
TVS	0398,
Uher	0199, 0202, 0485, 0271, 0235, 0362, 0359, 0305, 0479, 0509, 0476, 0363, 0369, 0381, 0248, 0251
Ultravox	0199, 0225, 0461, 0442, 0443, 0359, 0363, 0369, 0356, 0248
UMC	0600, 0601, 0672, 0089
Unic Line	0199, 0359, 0363, 0369, 0248,
Union	0321, 0326
United	0199, 0418, 0471, 0582, 0652, 0232, 0363, 0364, 0369, 0248, 0253,
Unitek	0055,
Universal	0199, 0471, 0363,
Universum	0199, 0284, 0414, 0424, 0444, 0582, 0606, 0202, 0205, 0225, 0224, 0485, 0222, 0232, 0305, 0451, 0437, 0380, 0308, 0322, 0359, 0361, 0378, 0325, 0479, 0440, 0462, 0442, 0363, 0369, 0509, 0438, 0282, 0510, 0384, 0465, 0387, 0248, 0262, 0239
Univox	0199, 0359, 0363, 0369, 0282, 0248
Uranya	0437, 0202
VANGUARD	0437,
Vegavox	0305,
Venturer	0605,

TV make	Remote control codes
Vestel	0199, 0444, 0582, 0606, 0225, 0479, 0485, 0232, 0233, 0359, 0361, 0363, 0369, 0248
Vexa	0199, 0412, 0437, 0232, 0377, 0359, 0363, 0206, 0248,
Vibrant	0467,
Victor	0435, 0436, 0470, 0479, 0236, 0304
Videocon	0199, 0411, 0687, 0151
Videologic	0412,
Videologique	0439, 0207, 0238, 0360
Videosat	0225,
VideoSystem	0199, 0479, 0359, 0363, 0248,
Vidion	0437,
Vidtech	0275,
Viewpia	0139,
Viewsonic	0552, 0570, 0648, 0658, 0659, 0318, 0376, 0405, 0518, 0504, 0142, 0143, 0183,
Viewstar	0504,
Viore	0682, 0672
Vision	0199, 0479, 0359, 0363, 0248,
Vistron	0625,
Vizio	0661, 0552, 0570, 0660
Vortec	0199, 0479, 0232, 0359, 0363, 0248
Voxson	0199, 0275, 0219, 0202, 0305, 0479, 0476, 0359, 0509, 0356, 0248,
VU	0671,
Vue	0612,
Walker	0606,
Waltham	0199, 0444, 0582, 0305, 0359, 0000, 0363, 0369, 0509, 0248
Wards	0000, 0259, 0275,
Warumaia	0429,
Watson	0199, 0444, 0471, 0582, 0232, 0479, 0360, 0359, 0439, 0361, 0363, 0369, 0248,
Watt Radio	0461, 0337, 0434, 0443
Waycon	0259,

TV make	Remote control codes
Wegavox	0377, 0437, 0206,
Welltech	0471, 0652
Weltblick	0479, 0232, 0359, 0248
Weltstar	0582,
Westinghouse	0570, 0644, 0659, 0000
Wharfedale	0199, 0418, 0550, 0573, 0574, 0640, 0655, 0363, 0606, 0248
White Westinghouse	0199, 0398, 0653, 0461, 0232, 0476, 0282, 0359, 0361, 0363, 0369, 0248
Wilson	0418,
Windsor	0444, 0582
Windstar	0382, 0256
Windy Sam	0418,
Winston	0412, 0437
Wintel	0471,
Winternitz	0437,
Wyse	0626,
Xenius	0429,
XLogic	0459, 0550
Xoro	0635, 0057
Xrypton	0199, 0359, 0369, 0248
Yakumo	0055, 0056
Yamaha	0435, 0643, 0452, 0181
Yamishi	0199, 0256, 0359, 0360, 0315, 0363, 0382, 0439, 0388, 0248
Yingge	0537, 0206, 0373,
Yokan	0199, 0359, 0369, 0248
Yoko	0199, 0205, 0485, 0437, 0207, 0479, 0232, 0439, 0238, 0377, 0359, 0360, 0000, 0369, 0248, 0206
Yorx	0207, 0437, 0412, 0360, 0439, 0238
YU-MA-TU	0199,
Zanussi	0235,

TV make	Remote control codes
Zenith	0000, 0199, 0275, 0398, 0120, 0653
Ziggo	0002,
Zinwell	0607,
Zonda	0459