

URC 4 (EMEA Edition)

Remote Control Guide



entone[®]

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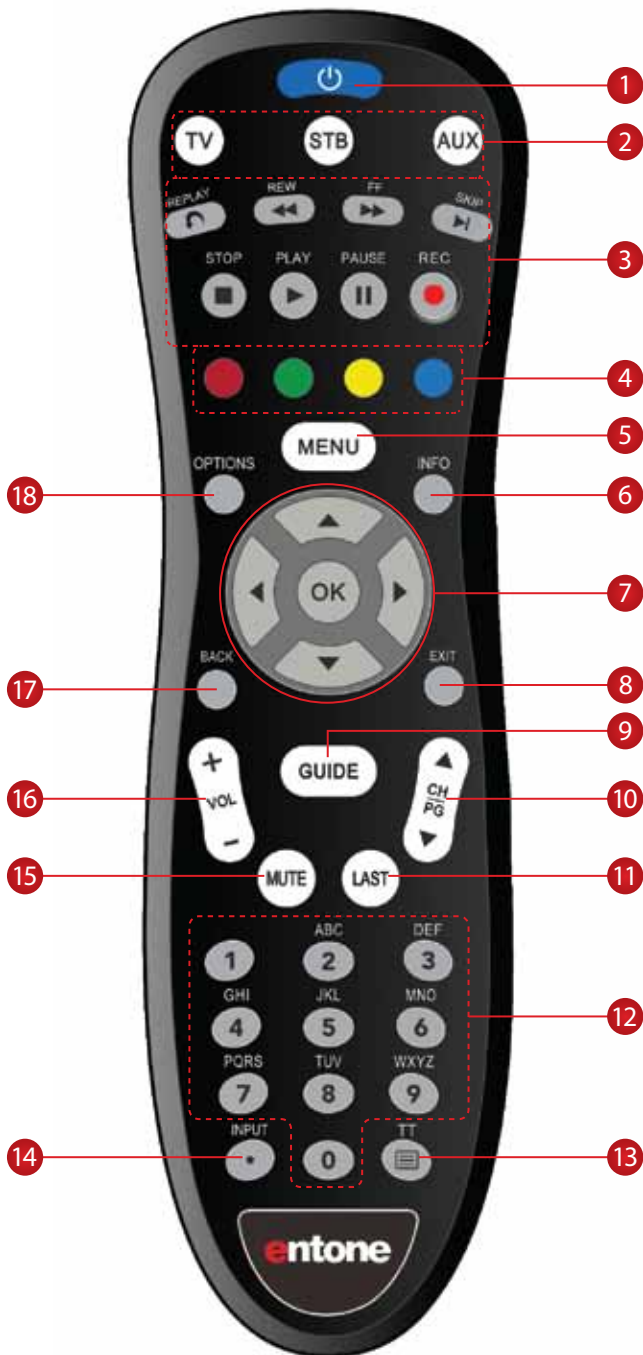
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OVERVIEW REMOTE CONTROL



Button(s)	Description
1 POWER	Switches the power on/off for the currently selected device Switches STB to power on or standby mode
2 DEVICE CONTROL	TV: Select to control TV (if programmed) STB: This button is pre-programmed to control the Entone device AUX: Select to control another device (if programmed)
3 TRANSPORT KEYS	Controls video program for LIVE TV / DVR / VOD REPLAY: Goes back approx. 7 seconds REW: Rewinds video FF: Fast forwards video SKIP: Advances ahead in 30 second increments REC: Starts or stops recording a program PAUSE: Pauses video PLAY: Plays video or resumes a paused program STOP: Stops playback of video
4 SHORTCUT	Color-code buttons correspond to features that are enabled by your service provider (contact service provider for more details)
5 MENU	Displays on-screen menu or home screen
6 INFO	Displays on-screen information about the current TV / VOD / DVR program
7 NAVIGATION	ARROW KEYS: Navigates up, down, left and right within the on-screen guide or menus OK: Executes the currently selected menu option
8 EXIT	Exits the current menu item or back to LIVE TV
9 GUIDE	Displays the on-screen program guide
10 CH/PG	Changes channel up/down or pages up/down within the on-screen program guide
11 LAST	Changes channel to the previously viewed channel
12 NUMBER KEYS	Allows direct access to specific channels and menu items
13 TT	Toggles teletext on/off
14 INPUT	Changes the current A/V input of the selected device programmed (i.e. TV or AUX) May be used when entering a period in certain channels Displays on-screen keyboard for certain applications
15 MUTE	Turns the volume of the currently selected device on/off
16 VOL +/-	Increases or decreases volume of the currently selected device
17 BACK	Goes back one level within menus *
18 OPTIONS	Provides additional options for certain on-screen menu or highlighted item*

* Availability of certain features is dependent on your service provider

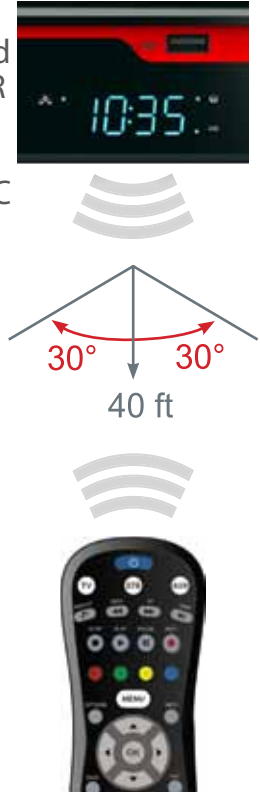
Controlling Your TV and other A/V Devices

The Universal Remote Control (URC) can be used to control TVs and other A/V devices such as DVD players. The URC uses InfraRed (IR) light signals to control other devices. IR signals travel only short distances (40 feet or less), and cannot go through walls or other solid objects. You must point the URC directly at these devices, with no objects blocking the line of sight.

You can program the URC to control one TV and one AUX device. Use the remote control's mode keys (i.e., "STB", "TV", or "AUX") to

control a specific device. When pressed, the selected mode key will light up confirming your choice. Then you can use the URC to control your STB, TV or AUX device. You have to program the URC to know what TV and AUX devices you are using by either

1. entering the 4-digit device code or
2. doing an auto search.





NOTE:

- The "POWER" key can be configured to control both the STB and TV while the URC is in **STB** mode, please refer to the section "**Toggle Power Key Punch-through Functionality**" on page 5 for details.
- The "VOL +/-" and "MUTE" key can be configured to control either the STB, TV or AUX while the URC is in "STB" mode, please refer to the section "**Toggle Volume Key Punch-through Functionality**" on page 6 for details.



Program Remote to Control Your TV or AUX Device

1. Locate the device code for your desired device in the device code table provided in the Appendix starting on page 9. If you cannot find the device code for your device or it does not work after trying the listed device codes for your device brand, then you can try the auto search on page 7.
2. Turn on your device and with media inserted (if applicable).
3. On the remote control, press a device mode key for 5 seconds (i.e., **"TV"** or **"AUX"**). The device mode key will light up. **NOTE:** Use the **"AUX"** mode key for a VCR, DVD player, cable box, satellite receiver or audio device. 
4. Enter the four-digit device code for your device. If you perform this procedure correctly, the selected device mode key backlight will blink twice.
5. Aim the remote control at your device and press the **"POWER"** once. The device should turn off. If it does not respond, repeat the above steps. 

NOTE: While in programming mode, if no key is received within 30 seconds or an invalid device code is entered, the device mode key backlight will blink rapidly 7 times and then stop - indicating an error.

Toggle Power Key Punch-through Functionality

By default, if the remote control is in STB mode, the remote control **"Power"** button switches STB off ONLY. To control the remote control **"Power"** button functionality to switch off the TV and/or STB, please do the following:

1. Press and hold the **"STB"** mode key for 5 seconds. The **"STB"** mode key backlight will light up.
2. Press **"POWER"** key once.
3. Do either of the following:
 - a. Press **"1"** to control both the STB and TV, or
 - b. Press **"0"** to control the STB ONLY



NOTE: While in the programming mode, if no key is pressed within 30 seconds, the device mode key backlight will blink rapidly for 7 times and then stop - indicating an error.

Toggle Volume Key Punch-through Functionality

By default, “**Vol +/-**” and “**MUTE**” keys are sent to STB only when the remote control is in STB mode.

Punch-through function for those keys is enabled at the same time when programming the device code for TV or AUX. That is:

1. If you program the device code for a TV device, the punch through function will be configured for TV and disabled for AUX at the **same time**.
2. If you program the device code for an AUX device, the punch through function will be configured for AUX and disabled for TV at the **same time**.

To disable the Punch-through function for those keys, do the following:

1. Press and hold “**STB**” for 5 seconds, then “**STB**” mode key backlight will light up.
2. Press “**STB**” key once again, then both “**STB**” and “**AUX**” mode key backlights will light up.
3. Press “**0**”

NOTE: When Volume Key Punch-through is enabled for either TV or AUX, “**Vol +/-**” and “**MUTE**” keys will not be sent to the STB.

Toggle Channel Up/Down Keys for TV/AUX

Every time you program a new TV or AUX code, by default, the “**CH UP**” and “**CH DOWN**” keys work as normal for TV or AUX devices. However, it is possible to toggle ON/OFF this functionality.

You can enable or disable “**CH UP**” and “**CH DOWN**” keys for TV or AUX by following the steps below:

For TV mode:

1. Press and hold “**TV**” key for 5 seconds
2. Press “**CH UP**” to enable it; or press “**CH DOWN**” to disable it.

For AUX mode:

1. Press and hold “**AUX**” key for 5 seconds
2. Press “**CH UP**” to enable it; or press “**CH DOWN**” to disable it.



Auto Search Procedures

If your device does not respond to the remote control after trying all device codes listed for your brand, or if your brand is not listed, try searching for your device code as follows:

1. Turn on your TV or your A/V device.
2. On the remote control, press a device mode key (i.e., "TV" or "AUX") and hold for 5 seconds. The device mode key will light up.

NOTE: Use the "AUX" mode key for a VCR, DVD player, cable box, satellite receiver or audio device.



3. Press the "POWER" key once.
4. Aim the remote control at the device. Press either the "CH UP" key or "CH DOWN" key to start device auto-scan:
 - a. Press the "CH UP" key to start searching from the lowest device code to the highest at approximately 5 second intervals; OR
 - b. Press the "CH DOWN" key to start searching from the highest device code to the lowest at approximately 5 second intervals. The "TV" or "AUX" mode key will be on and blink every 5 seconds while in the device scan mode.



5. If the device turns off, a working code has been found. Press "OK" once to lock in the code. The selected mode key will blink twice.
6. If all code sets for that device are exhausted in the search and the "OK" is not pressed, the selected device key will blink rapidly 7 times and the search mode will be terminated.



NOTE: During the auto-scan, you can press "UP" arrow or "DOWN" arrow to advance to the next device code immediately without waiting for 5 seconds. You can also use "UP" arrow or "DOWN" arrow to change the direction of the search. While in programming mode, if no key is pressed within 30 seconds, the device mode key backlight will blink rapidly 7 times and then stop - indicating an error.



POWERING UP SETTING UP REMOTE CONTROL

1. Locate the two AA batteries and remote control in the accessory box
2. To open the battery cover, press down on the battery cover latch and slide it off
3. Insert the AA batteries, matching the "+" and "-" marks on the batteries to the "+" and "-" marks on the interior of the remote control
4. Snap the battery cover back onto the remote control



APPENDIX DEVICE CODES

Your Universal Remote Control (URC) can control many brands and models of television, VCR's, DVD's and other types of audio-visual equipment. The following pages list device codes for many categories and brands of equipment. Many brands list more than one code, and you may need to test several codes to find the best match for your equipment. Your equipment may be supported even if your brand is not shown in the listed below. If you cannot locate your brand, or none of the listed device codes works, then you may still use the Auto-Search feature to try to locate a suitable device code (see page 7).

TV

DIGITAL TV

Philips 0152, 0015, 0038
Samsung 0003
Sony 0032, 0008, 0217

HT PROJECTOR

Mitsubishi 0052
Panasonic 0035
Philips 0113
Sanyo 0225
Sharp 0082
Sony 0085, 0151
Toshiba 0020

LCD PROJECTION TV

Sharp 0074
Sony 0108
Toshiba 0233

LCD TV

Bush 0172
Daewoo 0037
Denver 0147
Goodmans 0006
Hitachi 0235
JVC 0218
LG 0188, 0263, 0264, 0055,
0062, 0210, 0220, 0262,
0013, 0096, 0173, 0208,
0122
Matsui 0243
Panasonic 0203, 0144, 0265
Philips 0039, 0192

Samsung 0091, 0107, 0133,
0162, 0014, 0221, 0034,
0255, 0174, 0241

Sharp 0053, 0025, 0056,
0137, 0166, 0161, 0257,
0128, 0050

Sony 0135, 0195, 0252, 0069,
0212

Toshiba 0266, 0042, 0228
Viewsonic 0092, 0224

LCD TV/RADIOTUNER COMBO

Philips 0039

PLASMA DISPLAY

Hitachi 0145, 0102
Panasonic 0010, 0213
Philips 0046, 0070
Pioneer 0065, 0117, 0214,
0238
Samsung 0004

PLASMA TV

LG 0208
Philips 0120
Samsung 0029
Toshiba 0247

PLASMA TV MONITOR

Daewoo 0143
Hitachi 0098
JVC 0017
LG 0016, 0080
Philips 0001, 0073
Thomson 0260, 0101

PROJECTION TV

Hitachi 0164

LG 0140, 0122
Pioneer 0090
Samsung 0219
Telefunken 0249

TV

Advent 0399, 0403, 0408,
0409, 0516
A.R. Systems 0223
Acme 0036
Acura 0106, 0130
ADC 0198
Admiral 0095, 0198, 0027,
0242
Adyson 0036, 0072, 0175,
0200, 0125
Agashi 0200, 0125
Agazi 0198
AGB 0136
Aiko 0036, 0106, 0130, 0223,
0072, 0175, 0200, 0125,
0385
Aim 0223
Aiwa 0061
Akai 0106, 0048, 0105, 0187,
0130, 0223, 0175, 0183,
0148, 0200, 0125, 0136,
0405, 0486, 0394, 0391,
0487, 0541, 0554
Akiba 0048, 0223, 0183, 0206
Akura 0198, 0048, 0130,
0223, 0183, 0206
Alaron 0200
Alba 0036, 0106, 0048, 0187,
0130, 0179, 0223, 0072,
0183, 0200, 0209
Albatron 0417

- Alcyon 0064
 Allorgan 0175, 0125
 Allstar 0105, 0223
 America Action 0387
 Amplivision 0036, 0175, 0229,
 0125, 0209
 Amstrad 0198, 0106, 0048,
 0130, 0223, 0183, 0136
 Ampro 0398
 Anam 0106, 0387
 Anglo 0106, 0130
 Anitech 0198, 0106, 0130,
 0223, 0064
 Ansonic 0106, 0130, 0190,
 0223, 0007, 0209
 Arc en Ciel 0087
 Arcam 0072, 0175, 0200,
 0125
 Arcam Delta 0036
 Aristona 0105, 0187, 0190,
 0223, 0148
 Arthur Martin 0229
 ASA 0095, 0242
 Asberg 0105, 0223, 0064
 Astra 0106
 Asuka 0198, 0036, 0048,
 0072, 0175, 0183, 0206,
 0200, 0125
 Atlantic 0036, 0105, 0187,
 0223, 0072, 0200
 Atori 0106, 0130
 Auchan 0229
 Audiosonic 0036, 0106, 0048,
 0105, 0187, 0223, 0175,
 0183, 0125, 0209
 AudioTon 0036, 0175, 0125,
 0209
 Ausind 0064
 Autovox 0095, 0198, 0036,
 0064, 0175, 0125
 Awa 0200, 0125
 Baird 0175, 0125
 Bang & Olufsen 0095
 Basic Line 0106, 0048, 0105,
 0130, 0223, 0183, 0206,
 0125
 Bastide 0036, 0175, 0125
 Baur 0187, 0178, 0223
 Bazin 0175, 0125
 Beko 0146, 0047, 0223, 0209
 Beon 0105, 0187, 0223
 Best 0209
 Bestar 0105, 0223, 0209
 Binatone 0036, 0175, 0125
 Blacktron 0206
 Blackway 0206
 Blue Sky 0048, 0223, 0183,
 0206
 Blue Star 0206
 Boots 0036, 0175, 0125
 BPL 0223, 0206
 Brandt 0176, 0149, 0204,
 0087
 Brinkmann 0223
 Brionvega 0095, 0105, 0187,
 0223
 Britannia 0036, 0072, 0175,
 0200, 0125
 Bruns 0095
 BSR 0088
 BTC 0048, 0183
 Bush 0246, 0253, 0231, 0061,
 0106, 0048, 0027, 0105,
 0088, 0187, 0130, 0179,
 0223, 0175, 0183, 0206,
 0125
 Capsonic 0198
 Carena 0223
 Carrefour 0179
 Cascade 0106, 0130, 0223
 Cathay 0105, 0187, 0223
 CCE 0125
 Centurion 0105, 0187, 0223
 Century 0095
 CGE 0088, 0064, 0209
 Cimline 0106, 0130, 0183
 City 0106, 0130
 Clarivox 0187
 Clatronic 0198, 0036, 0106,
 0048, 0105, 0130, 0223,
 0064, 0175, 0183, 0125,
 0209
 CMS 0200
 CMS Hightec 0125
 Concorde 0106, 0130
 Condor 0036, 0105, 0130,
 0223, 0072, 0206, 0200,
 0209
 Contec 0036, 0106, 0130,
 0179, 0072, 0200, 0387
 Continental Edison 0087
 Cosmel 0106, 0130
 Crosley 0095, 0088, 0064
 Crown 0106, 0105, 0187,
 0130, 0223, 0064, 0209,
 0387
 CS Electronics 0036, 0048,
 0072, 0183, 0200
 Cybertron 0048, 0183
 Daewoo 0022, 0254, 0160,
 0118, 0155, 0248, 0036,
 0106, 0105, 0130, 0223,
 0072, 0175, 0183, 0200,
 0125, 0109, 0385, 0485,
 0389, 0390, 0391
 Dainichi 0048, 0072, 0183,
 0200
 Dansai 0198, 0105, 0187,
 0223, 0072, 0200, 0125
 Dantax 0187, 0209
 Dawa 0223
 Daytron 0106, 0130
 De Graaf 0027
 Decca 0036, 0105, 0187,
 0223, 0175, 0125, 0136
 Desmet 0105, 0187, 0223
 Diamant 0223
 Diamond 0200
 Dixi 0106, 0105, 0187, 0130,
 0223, 0125
 DTS 0106, 0130
 Dual 0036, 0088, 0223, 0175,
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 Dual-Tec 0036, 0106, 0088,
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 Dumont 0095, 0036, 0175,
 0125
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 Dynatron 0105, 0187, 0223
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 ESC 0125
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 Expert 0229
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 Ferguson 0041, 0153, 0187
 Fidelity 0036, 0027, 0223,
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 Fisher 0095, 0036, 0088,
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 0393, 0422, 0535
 Fujitsu General 0125
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 0223, 0175, 0125, 0136
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 Microstar 0198, 0106
 Minerva 0064, 0136
 Minoka 0105, 0223
 Mitsubishi 0095, 0105, 0179,
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 0209, 0136, 0097
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 0072, 0175, 0200, 0125,
 0209, 0387
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 Naonis 0027
 NEC 0179, 0125, 0431, 0462,
 0490, 0507
 Neckermann 0095, 0036,
 0027, 0105, 0187, 0178,
 0223, 0175, 0148, 0125,
 0209
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