

Z22 Remote Control User Guide



About Your Remote

Your new Z22 remote control (remote) can operate both your TV and your cable set-top device (set-top).

Your remote is initially set up to operate your set-top. See **Setting Up the TV Mode Key** so the remote can also operate your TV.

Batteries

The remote requires two alkaline AAA batteries. A diagram inside the battery compartment of the remote indicates proper placement of the batteries.

Mode Keys

Mode keys are the two buttons labeled CBL and TV at the bottom of your remote. These keys switch the remote to operate either the set-top or the TV, with two exceptions:

- 1) The numeric channel keys 0-9 operate the set-top. If you wish the channel keys to operate the TV, see **Setting Up Channel Control**.
- 2) Initially, the volume key operates the set-top. After you set up the TV mode key, the volume key operates the TV. If you wish to change the way the volume key operates, see **Setting Up Volume Control**.

Setting Up Codes

If your TV is not already set up in this remote, setup codes help your remote identify and operate your brand of TV.



CAUTION: This remote is not a toy. It should be kept out of the reach of children under the age of 6 years.

Setting Up Your Remote

The CBL mode key on your remote is set up to operate only your Cisco set-top.

The TV mode key on your remote is set up to operate most of the popular TV brands. Therefore, you should test to see if the TV mode key is already set up.

Power on your TV, press the **TV** mode key on the remote, then press **POWER** on the remote. If the TV does not power off then see **Setting Up the TV Mode Key**.

Setting Up the TV Mode Key

1. Find the set up code(s) for your TV brand in the TV Setup Codes list in this guide.
2. Power on your TV.
3. Press and hold the **TV** and **CBL** keys for approximately three seconds until both of the mode keys blink twice.
4. Use the remote to enter **999**. Both of the mode keys blink twice.
5. Enter the setup code for your TV. Both of the mode keys blink three times.
6. Point the remote control toward the TV and press **POWER**. Did the TV power off?
 - If yes, go to step 7.
 - If no, repeat steps 3 through 5 using a different setup code.
7. Write your TV setup code here for future reference: _____

Searching for Setup Codes

If none of the codes listed for your TV work, you can search the code library for a valid code.

1. Power on your TV.
2. Press and hold the **TV** and **CBL** keys for approximately three seconds until both of the mode keys blink twice.
3. Use remote to enter **999**. Both of the mode keys blink twice.
4. Press the **CH+** key once. Did the TV power off?
 - If yes, press **OK**.
 - If no, continue to press the **CH+** key until the TV turns off. Then press **OK**.

Setting Up Channel Control

Initially, CH+ and CH- operate the set-top. If you want these keys temporarily to operate the TV, press **TV** and then press the **CH+** or **CH-** key within three seconds.

Follow these steps if you want to set up your channel controls to operate the TV or the set-top.

1. Press and hold the **TV** and **CBL** keys for approximately three seconds until both of the mode keys blink twice.
2. Use the remote to enter **777**. Both of the mode keys blink twice.
3. Press either the **TV** or the **CBL** mode key. The key you press determines what device your channel controls operate. Both of the mode keys blink three times.

Note: You can always press a mode key and within 3 seconds, change the channel on that device.

Setting Up Volume Control

Initially, VOL+ and VOL- operate the set-top volume until you set up the TV mode key; then they control the TV volume. If you want these keys to temporarily operate the set-top (after you have set up the TV mode key), press **CBL** and then press the **VOL+** or **VOL-** key within three seconds.

Follow these steps if you want to set up your volume controls to operate the TV or the set-top.

1. Press either the **TV** or the **CBL** mode keys for approximately three seconds until both of the mode keys blink twice.
2. Use the remote to enter **888**. Both of the mode keys blink twice.
3. Press either the **TV** or the **CBL** mode key. The key you press determines what device your volume controls operate. Both of the mode keys blink three times.

Note: You can always press a mode key and within 3 seconds, change the volume on that device.

Powering Both TV and Set-Top at the Same Time

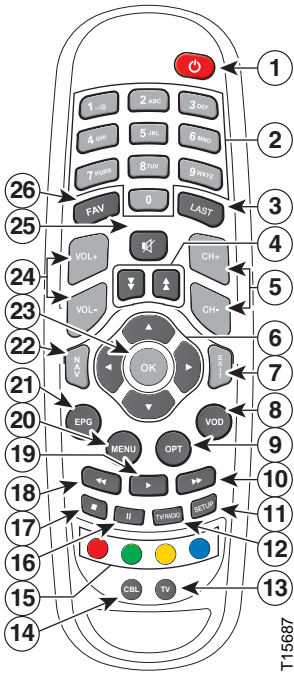
By default, POWER operates according to the last mode key you pressed. Therefore, if you press **TV** and then **POWER**, the remote powers the TV on or off. Follow these steps if you want the remote to power your TV and your set-top at the same time.

1. Press and hold the **TV** and **CBL** keys for approximately three seconds until both of the mode keys blink twice.
2. Use the remote to enter **982**. Both of the mode keys blink twice.

Notes:

- If the remote is set to power both devices at the same time, you can press the mode key for a device followed by the **POWER** button within three seconds to power only that device.
- If you want to set the remote control to operate a single device (according to your current mode: either **CBL** or **TV** but not both), repeat this procedure using code 981 (instead of 982).

Quick Reference



T15687

1. Power on and off
2. Access specific channels
3. Access last channel viewed
4. Scroll through menu pages
5. Scroll through channels
6. Scroll through menu items
7. Exit menus
8. Access video-on-demand (VOD) window*
9. Access audio/video options
10. Fast-forward VOD program*
11. Access Setup wizard
12. Toggle between TV and Radio modes
13. Enter TV mode
14. Enter set-top device mode
15. Access color-coded screen options
16. Pause VOD program*
17. Stop VOD program*
18. Rewind VOD program*
19. Play VOD program*
20. Access menus
21. Access Electronic Program Guide (EPG)
22. Access Navigator Bar
23. Select menu item
24. Adjust volume
25. Mute volume
26. Access Favorite List

TV Setup Codes

Enter 3 or 4 digits to program the TV mode key. See **Setting Up Your Remote** for more information.

Digital	
Philips	173,176,178
Samsung	177
Sony	174,175,179
HT Projector	
Mitsubishi	170
Panasonic	161
Philips	167
Sanyo	160
Sharp	162
Sony	158,159
Toshiba	169
LCD Projection	
Sharp	131
Sony	108
Toshiba	130
LCD	
Bush	101
Daewoo	106
Denver	096
Goodmans	123
Hitachi	089
JVC	132
LG	081,084,094,095,098,105,110,111,114,118,126,136,168
Matsui	133
Panasonic	091,102,112
Philips	078,079
Samsung	080,082,083,087,093,097,104,113,116,121
Sharp	092,103,109,115,119,120,122,127,128
Sony	085,086,088,107,117
Toshiba	099,100,124
Viewsonic	125,129
LCD TV/Radio Tuner Combo	
Philips	078
Plasma Display	
Hitachi	139,144
Panasonic	137,147
Philips	134,152
Pioneer	141,146,149,151
Samsung	150
Plasma	
LG	136
Philips	142
Samsung	135
Toshiba	153
Plasma TV Monitor	
Daewoo	138
Hitachi	154
JVC	155
LG	140,148
Philips	143,156
Thomson	145,157
Projection	
Hitachi	171
LG	164,168
Pioneer	163
Samsung	166
Telefunken	165
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A.R. Systems	223
Acme	211
Acura	212,219
ADC	210
Admiral	209,210,214,215
Adyson	211,225,226,232,233
Agashi	232,233
Agazi	210
AGB	238
Aiko	211,212,219,223,225,226,232,233
Aim	223
Aiwa	193
Akai	212,213,216,218,219,223,226,227,231,232,233,238
Akiba	213,223,227,228
Akura	210,213,219,223,227,228
Alaron	232
Alba	211,212,213,218,219,222,223,225,227,232,237
Alcyon	224
Allorgan	226,233
Allstar	216,223
Amplivision	211,226,230,233,237
Amstrad	210,212,213,219,223,227,238
Anam	212
Anglo	212,219
Anitech	210,212,219,223,224
Ansonic	212,219,221,223,236,237
Arc en Ciel	229
Arcam	225,226,232,233
Arcam Delta	211
Aristona	216,218,221,223,231
Arthur Martin	230
ASA	209,215
Asberg	216,223,224
Astra	212
Asuka	210,211,213,225,226,227,228,232,233
Atlantic	211,216,218,223,225,232
Atori	212,219
Auchan	230
Audiosonic	211,212,213,216,218,223,226,227,233,237
AudioTon	211,226,233,237
Ausind	224
Autovox	209,210,211,224,226,233
Awa	232,233
Baird	226,233
Bang & Olufsen	209
Basic Line	212,213,216,219,223,227,228,233
Bastide	211,226,233
Baur	218,220,223
Bazin	226,233
Beko	065,077,223,237
Beon	216,218,223
Best	237
Bestar	216,223,237
Binatone	211,226,233
Blacktron	228
Blackway	228
Blue Sky	213,223,227,228
Blue Star	228
Boots	211,226,233

TV Setup Codes - continued

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BPL	223,228
Brandt	003,006,007,229
Brinkmann	223
Brionvega	209,216,218,223
Britannia	211,225,226,232,233
Bruns	209
BSR	217
BTC	213,227
Bush	034,180,184,193,212,213,214,216,217,218,219,222,223,226,227,228,233
Capsonic	210
Carena	223
Carrefour	222
Cascade	212,219,223
Cathay	216,218,223
CCE	233
Centurion	216,218,223
Century	209
CGE	217,224,237
Cimline	212,219,227
City	212,219
Clarivox	218
Clatronic	210,211,212,213,216,219,223,224,226,227,233,237
CMS	232
CMS	
Hightec	233
Concorde	212,219
Condor	211,216,219,223,225,228,232,237
Contec	211,212,219,222,225,232
Continental	
Edison	229
Cosmel	212,219
Crosley	209,217,224
Crown	212,216,218,219,223,224,237
CS	
Electronics	211,213,225,227,232
Cybertron	213,227
Daewoo	018,035,066,182,192,194,211,212,216,219,223,225,226,227,232,233,240
Dainichi	213,225,227,232
Dansai	210,216,218,223,225,232,233
Dantax	218,237
Dawa	223
Daytron	212,219
De Graaf	214
Decca	211,216,218,223,226,233,238
Desmet	216,218,223
Diamant	223
Diamond	232
Dixi	212,216,218,219,223,233
DTS	212,219
Dual	211,217,223,226,233
Dual-Tec	211,212,217,226
Dumont	209,211,226,233
Dux	218
Dynatron	216,218,223
Elbe	223,227,233,236,237,238
Ebe-Sharp	238
Elcit	209,238
ELECTRO	
TECH	212
Elektra	228
Elin	211,216,218,219,223,225,232
Elite	213,216,223,227

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Elman	217
Elta	212,219,232
Emerson	209,223,237
Emperor	228
Erres	216,218,221,223
ESC	233
Etron	212
Eurofeel	233
Euro-Feel	210
Euroline	218
Euroman	228,232,233,237
Euromann	210,211,216,223,225,226
Europhon	211,216,217,223,226,232,233,238
Expert	230
Exquisit	223
Fenner	212,219
Ferguson	031,060,218
Fidelity	211,214,223,225,232
Century	209
Finlandia	214
Finlux	209,211,216,217,218,223,224,226,233,238
Firstline	211,212,216,219,223,225,226,232,233
Fisher	209,211,217,222,226,233,237
Flint	216,223,227
Formenti-	
Phoenix	209,211,217,218,224,225,232
Fortress	232
Fraba	223,237
Friac	237
Frontech	210,212,214,215,219,233
Fujitsu	226,233
Fujitsu	
General	233
Funai	210
Galaxi	223
Galaxis	223,237
GBC	212,217,219,227
Geant	
Casino	230
GEC	211,215,216,218,223,226,233,238
Geloso	212,214,217,219
General	
Technic	212,219
Genexxa	213,215,216,223,227
Giant	233
GoldHand	232
Goldline	223
GoldStar	211,212,214,216,217,218,219,223,225,226,232,233,234,237
Goodmans	203,210,212,216,218,219,222,223,225,226,233,234,238,240
Gorenje	237
GPM	213,227
Graetz	215
Granada	211,214,216,218,221,222,223,224,226,230,233,238
Grandin	212,213,218,228
Gronic	233
Grundig	010,075,200,223,224,231,237
Halifax	210,211,225,226,232,233
Hampton	211,225,226,232,233
Hanseatic	211,212,216,217,218,219,223,226,228,233,236,237

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TV	
Hantarex	212,219,223,238
Hantor	223
Harwood	219,223
HCM	210,211,212,219,223,226,227,228,233
Hema	219,226,233
Higashi	232
HiLine	223
Hinari	212,213,216,218,219,222,223,227
Hisawa	213,227,228,230
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Hornymphon	216,223
Hoshai	213,227
Huanyu	211,225,232
Hygashi	211,225,226,232,233
Hyper	211,212,217,219,225,226,232,233
Hypson	210,211,216,218,223,226,228,230,233
Iberia	223
ICE	210,211,212,213,216,219,223,225,226,227,232,233
ICeS	225,227,232
Imperial	215,216,217,223,224,237
Indiana	216,218,223
Ingelen	215
Ingersol	212,219
Inno Hit	211,212,213,216,218,219,223,224,226,227,233,234,238
Innovation	210,212
Interactive	237
Interbuy	212,219
Interfunk	209,215,216,218,221,223,237
International	232
Intervision	210,211,223,226,227,228,233,237
Irradio	212,213,216,218,219,223,224,227,234
Isukai	213,223,227,228
ITC	211,217,226,233
ITS	213,216,223,225,227,228,232
ITT	212,215
I	212,218,223
JVC	216,222,227
K	211,233
Kaisui	211,212,213,219,223,225,226,227,228,232,233
Kamosonic	211
Kamp	211,225,232
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Karcher	211,212,218,223,228,237
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Kendo	214,223,237
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Kneissel	223,236,237
Kolster	216,223
Konka	213,227
Korpel	216,218,223
Korting	209,237
Kosmos	223
Koyoda	212
Kyoto	232,233
Lasat	237
Lenco	212,219

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Lenoir	211,212,219
Leyco	210,216,218,223
LG	195,211,212,214,216,217,218,219,223,225,226,232,233,234,237
Liesen	218
LiesenKlotter	223
Life	210,212
Lifetec	210,212,219,223,227
Lloyds	219
Loewe	014,055,223,236,237,238
Loewe Opta	209,216,218
Luma	214,218,219,223
Lumatron	214,216,218,223,226,233
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M Electronic	211,212,215,216,218
Magnadyne	209,217,218,238
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New Tech	212,216,219,223,226,231
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Nobiliko	211,224,225,232
Nokia	215
Nordic	233
Nordmende	209,215,216

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Opera	223
Orbit	216,223
Orion	062,203,212,216,218,219,223,238
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Otto	211,216,217,218,220,222,223,226,231
Versand	233,238
Pael	211,225,232
Palladium	211,220,223,226,231,233,237
Palsonic	233
Panama	210,211,212,219,223,225,226,232,233
Panasonic	004,013,020,024,026,044,050,057,073,185,198,215,223,238
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Cinema	211,217,225,230,232,236,237
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Marconi	229
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Phonola	209,216,218,221,223,225,231,232
Pioneer	215,216,218,223,237
Plantron	210,216,219,223
Playsonic	226,233
Poppy	212,219
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Prince	214,224,238
Precision	211,226,233
Prima	212,215,219
Profex	212,219
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Proline	216,221,223
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Protech	210,211,212,216,217,218,233
Provision	218,223,240
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Radiola	216,218,221,223,231,233
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RadioShack	223
Radiotone	216,219,223,237
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Revov	216,218,223,237
Rex	210,214,215
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Rhapsody	232
R-Line	216,218,223
Roadstar	193,210,212,213,219,227
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Royal Lux	237
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Sandra	211,225,226,232,233
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Supra	212,219
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Tandy	211,213,215,226,227,233
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Tatung	193,211,216,218,223,226,233,238
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Texet	211,219,226,232,233
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Thorn	218,223,240
Tokai	216,223,226,233
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