

General Instrument XRC 100 Remote

The General Instrument XRC 100 remote control allows you to control up to four devices (VCR, Cable, TV and one other device). It is preprogrammed to control the CFT 220 Set-top terminal.

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Buttons

The table below lists the buttons on the XRC 100 remote and their functions.

Button	Function
POWER	Turns off/on the selected device programmed.
DEVICE BUTTONS (VCR, CABLE, AX, TV)	Used for programming and to select which device you want to operate.
NUMERIC KEYPAD	Buttons (0 - 9) are used for direct access.
MUTE	Silences the audio of the selected device.
MUSIC	Allows direct entry into Music Choice (if available).
LAST	Allows the user to view previous viewed channel or screen.
EXIT	Allows the user to exit the menu and guide screens, whether viewing in TV mode or Music Choice.
INFO	Allows the user to view information about the desired program to be viewed.
VOL +/-	Allow the user to select the desired audio level by (+) increasing and (-) decreasing the volume.
CH +/-	Allow the user to select the desired channel to be viewed, by scrolling forward and backward, one channel at a time.
DIRECTION Buttons (^/v,<, >)	Allow the user to navigate around in the GUIDE or MENU screens.



SELECT	Allows the user to activate the desired selection.
GUIDE	Allows the user to activate the Interactive Program Guide (IPG).
MENU	Allows the user to activate the Main Menu.
VCR Buttons (REW, PLAY, FF, STOP, PAUSE, REC)	Operate the functions of the VCR.

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Programming a TV

1. Find the manufacturer of the TV in the [TV Codes](#) section and note the code.
2. On the remote, press and hold the **TV** button until the four mode indicators flash twice.
3. Enter the 3 digit code.
4. The TV indicator light should flash twice. If it doesn't, go back to step 2.
5. After the correct code is entered, point the remote at the TV and press the **POWER** button. If the TV turns on or off, the remote has been correctly programmed.
6. If after trying all of the codes listed, the TV still does not turn on or off, refer to the [If The Device Doesn't Respond](#) section.

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Programming a VCR

1. Find the manufacturer of the VCR in the [VCR Codes](#) section and note the code.
2. On the remote, press and hold the **VCR** button until the four mode indicators flash twice.
3. Enter the 3 digit code.
4. The VCR indicator light should flash twice. If it doesn't, go back to step 2.
5. After the correct code is entered, point the remote at the VCR and press the **POWER** button. If the VCR turns on or off, the remote has been correctly programmed.
6. If after trying all of the codes listed, the VCR still does not turn on or off, refer to the [If The Device Doesn't Respond](#) section.

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Programming the AUX Mode

You can program the AUX mode to control another device such as a second TV or VCR, or a digital audio tuner.

To control a second VCR:

1. Find the manufacturer of the VCR in the [VCR Codes](#) section and note the code.
2. On the remote control, press and hold the **VCR** button until the four mode indicators flash twice.
3. Press the following buttons: **9**, **9**, and **2**.

4. Press and hold the **AUX** button until the four mode indicators flash twice.
5. Enter the 3 digit code for your VCR.
6. The AUX indicator light should flash twice. If it doesn't, go back to step 4.
7. After the correct code is entered, point the remote at the VCR and press the **POWER** button. If the VCR turns on or off, the remote has been correctly programmed.
8. If after trying all of the codes listed, the device you want to control still does not turn on or off, refer to the [If The Device Doesn't Respond](#) section.

To control a second TV:

1. Find the manufacturer of the TV in the [TV Codes](#) section and note the code.
2. On the remote control, press and hold the **TV** button until the four mode indicators flash twice. Press the following buttons: **9, 9, and 2**.
3. Press and hold the **AUX** button until the four mode indicators flash twice.
4. Enter the 3 digit code for your TV.
5. The AUX indicator light should flash twice. If it doesn't, go back to step 4.
6. After the correct code is entered, point the remote at the TV and press the **POWER** button. If the TV turns on or off, the remote has been correctly programmed.
7. If after trying all of the codes listed, the TV still does not turn on or off, refer to the [If The Device Doesn't Respond](#) section.

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Turning on Your Cable Service

1. Press the **TV** button.
2. Press the **POWER** button. (Wait to see the picture.)
3. Press the **CABLE** button.

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Programming Volume Control

The XRC 100 can be programmed to control volume through the cable converter, TV or VCR without being in that mode.

1. Press and hold the **mode** button of the device in which volume is to be controlled until the four mode indicators flash twice.
2. Press the following buttons: **9, 9, and 3**. Example: Press **TV** and then **9, 9, and 3**. This will allow you to control volume through the TV.

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If the Device Doesn't Respond

1. First, try all of the manufacturer codes for the device.
2. Press and hold the **TV** button (or the **VCR** button) until the four mode indicators flash twice, then press the following buttons: **9, 9, and 1**.
3. Now, repeatedly press the **POWER-TV** button (or the **VCR** button) until your TV (or VCR) turns off. You may need to do this a number of times.
4. When the TV turns off, press the **SELECT** button to lock in the code. The TV (or VCR) indicator light will flash twice.

- If you want to record these codes for future reference, use the "[Blink Back](#)" feature described below.

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Code Search Using Blink Back

- Press and hold the **TV** button (or the **VCR** button) until the four mode indicators flash twice, then press the following buttons: **9**, **9**, and **0**.
- Press the **1** button and count the number of times the TV (or VCR) indicator blinks. This number is the first digit of the TV (or VCR) code. If the indicator does not blink after any step of this procedure, the digit is 0.
- Press the **2** button.
- The TV (or VCR) indicator will blink again.
- Count the number of blinks to find the second digit of the code.
- Press the **3** button.
- The number of blinks is the third and final digit of the code.

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Television Codes

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A-Mark	003	Abex	032
Admiral	093	Adventura	046
Aiko	092	Akai	030,098
Learn	216	Alleron	179,183
Ambassador	177	Anam	004,009,068,180
Anam National	055,161	AOC	003,019,030,137,185
Archer	003	Astro Tech	379
Audiosonic	109	Audiovox	003,180
Belcor	019	Bell & Howell	016,154
Bradford	180	Brandt	109
Brockwood	019	Broksonic	003
Candle	030, 046, 056, 186	Carver	054
CCE	329	Celebrity	000
Citizen	030, 039, 046, 056, 060, 092, 186, 280	Clairtone	185
Concerto	056	Contec	157,158,180,185
Craig	161,180	Crown	039,180
Curtis Mathes	030, 039, 060, 154, 415	CXC	180
Daewoo	019, 039, 066, 067, 091, 092, 451	Daytron	019
Dumont	017,019	Dynatech	049
Electroband	000,185	Electrohome	381,389,409
Emerson	019, 038, 039, 154, 158, 177, 178, 179, 180, 182, 183, 185, 236, 280, 282, 463	Envision	030
Ferguson	109	Fisher	154,159

Fujitsu	179	Funai	179,180
Futuretech	180	GE	021, 027, 029, 047, 051, 055, 135, 138, 174, 178, 251, 279, 282
GEC	437	Gibralter	017, 019, 030
Gold Star	001, 002, 019, 030, 032, 039, 056, 106, 109, 178, 409	Gradiente	392
Grundig	070	Grunpy	179,180
Hallmark	178	Harvard	068,180
Hitachi	032, 038, 056, 109, 145, 151, 173, 227, 279, 409, 413	Ima	180
Infinity	054	Janeil	046
JBL	054	JCB	000
Jensen	050	JVC	036, 053, 069, 160, 169, 182
Kamp	216	Kawasho	158,216,308
Kenwood	019,030	Kloss	024,046
KMC	106	KTV	030, 039, 180, 183, 185, 280
Logik	016	Luxman	056
LXI	047, 054, 148, 154, 156, 178	M-Electronic	109
Magnavox	030, 036, 054, 096, 186, 230, 386	Majestic	015,016
Marantz	030,054	Megatron	003,145,178
MEI	185	Memorex	016, 056, 106, 150, 154, 178
MGA	019,030,150,155,178	Midland	017, 032, 039, 047, 051, 135
Minutz	021	Mitsubishi	014, 019, 098, 150, 155, 178, 241, 331, 358
Motorola	055,093	MTC	019, 030, 049, 056, 060, 091, 185
Multitech	049,180	NAD	156, 166, 178
NEC	019, 030, 036, 056, 434	Nikko	030,092,178
Noblex	430	Nordmende	109
NTC	092	Onwa	180
Optimus	154,166	Optonica	093,165
Orion	236	Panasonic	051, 054, 055, 162, 226, 250, 338, 375
Penney	002, 003, 018, 019, 021, 027, 030, 032, 039, 047, 051, 060, 110, 135, 138, 149, 156, 178, 309	Philco	019,030,054,096,302
Philips	054	Pilot	019, 030, 039
Pioneer	038, 109, 166	Portland	019, 039, 092
Priceclub	060	Prism	051

Proscan	047	Proton	003,031,178,466
Pulsar	017	Pulser	019
Quasar	051, 055, 219, 250	Radio Shack	019, 032, 039, 165, 180, 409
RCA	018, 019, 029, 038, 047, 090, 135, 174, 254, 278	Realistic	019, 030, 0323, 039, 056, 154, 165, 178, 180
Rhapsody	183, 185, 216	Runco	017, 030, 251
Saba	109	Sampo	030, 032, 039, 100, 110
Samsung	019, 030, 032, 039, 056, 060, 110, 178, 329, 408, 427, 482	Samsux	039
Sansui	463	Sanyo	107, 146, 154, 159, 232, 484
Scimitsu	019	Scotch	178
Scott	019, 178, 179, 180, 236, 309	Sears	015, 047, 054, 056, 146, 148, 149, 154, 156, 159, 168, 171, 178, 179, 281
Sharp	039, 093, 157, 165, 220, 281, 386, 491	Shogun	019
Signature	016	Simpson	186,187
Sony	000, 011, 080, 111, 353	Soundesign	178, 179, 180, 186
Spectricon	003, 137	Squareview	171
SSS	019, 180	Starlite	180
Supre-Macy	046	Supreme	000
Sylvania	030, 054, 096, 381	Symphonic	171
Tandy	093	Tatung	003, 049, 055, 396
Technics	051, 250	Techwood	051, 056
Teknika	016, 019, 039, 054, 056, 060, 092, 150, 175, 179, 180, 186, 322	Telefunken	074, 109
Tera	031	Thomson	109,209
TMK	056, 177, 178	Toshiba	036, 060, 149, 154, 156
Tosonic	185	Totevision	039
Trical	157	Ultra	391
Universal	027	Vector Research	030
Victor	053	Video Concepts	098
Vidikron	054, 242	Vidtech	019, 178
Viking	046	Wards	016, 019, 020, 021, 027, 028, 029, 030, 054, 056, 080, 096, 111, 165, 174, 178, 179, 202
Yamaha	019, 030	Zenith	016, 017
Zonda	003		

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VCR Codes

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Action	317	Advantz	356
Adventura	000	Aiko	278
Aiwo	000,406,436,468	Akai	041,049,156,242
American High	035	Asha	240
Audiovox	037	Beaumark	240
Broksonic	121,184, 211, 295, 361	Calix	037
Canon	035,102	Capehart	020
Carver	081	CCE	072,278
Citizen	037,278	Colt	072
Craig	037,047,072,240,271	Curtis Mathes	035,041,060
Cybernex	051,240	Daewoo	017, 020, 045, 087, 278
Daytron	020	Dynatech	000
Electrophone	037	Electrophinc	037
Emerex	032	Emerson	000, 002, 036, 037, 043, 068, 088, 121, 184, 208, 209, 211, 212, 278, 294, 295, 361, 479
Fisher	047,054	Fuji	033,035
Funai	000,325	Garrad	000,325
GE	035,060,202	Go Video	232,279,350
Gold Star	037, 038, 471, 480	Gradiente	000,408
Grundig	195	Harley Davidson	000
Harman/Kardon	038	Harwood	068,072
Headquarter	046	HI-Q	047
Hitachi	041, 042, 082, 105, 235, 292, 396	Jensen	041
JVC	008, 041, 067, 206, 207, 384	Kenwood	038,041,067,384
KLH	072	Kodak	035,037
Lloyd	000	Lloyd's	208
Logik	072	LXI	037
Magnavox	035, 039, 081, 103, 110, 149	Magnin	240
Marantz	035,081	Marta	037
Matshushita	035	MEI	035
Memorex	000, 035, 037, 039, 046, 047, 048, 240, 268, 299	MGA	043
MGN Technology	240	Minolta	042,105
Mitsubishi	043, 067, 173, 242, 443	Motorola	035,048,
MTC	000,240	Multitech	000,072
NEC	038, 040, 041, 050, 067, 082	Nikko	037
Noblex	240	Olympus	035,226

Optimus	037,048,432	Optonica	062
Orion	479	Panasonic	035, 102, 162, 225, 226, 227, 246, 254, 378, 454
Penney	035, 037, 038, 040, 042, 054, 240	Pentax	042,105
Philco	035	Philips	035, 062, 081, 110, 403
Pilot	037	Pioneer	067
Portland	020	Protec	072
Pulsar	039,051	Quarter	046
Quartz	046,155	Quasar	035
Radio Shack	000,037,325	Radix	037
Randex	037	RCA	042, 060, 105, 149, 202, 277, 453
Realistic	000, 035, 037, 046, 047, 048, 062, 240	Ricoh	034,253
Runco	039	Samsung	045,051,240
Sanky	039,048	Sansui	041,067,082,271
Sanyo	046, 047, 240, 268, 372	Scott	043, 045, 121, 184, 210, 211, 212
Sears	035, 037, 042, 046, 047, 054, 057, 105	Sharp	048,062
Shintom	072	Shogun	051,240
Singer	072	Sony	022, 032, 033, 034, 035, 253, 275
STS	042	Sunpak	253
Sylvania	000,035,043,081,103,110	Symphonic	000,325
Tatung	041	Teac	000,141
Technics	035,162,246	Teknika	000,035,037,052
TMK	036,208,240	Toshiba	043,045,057,210,212,366
Totevision	037,240	Unitech	240
Vector	045	Vector Research	038,040
Video Concepts	040,045,221	Videosonic	240
Wards	000, 035, 042, 047, 048, 062, 072, 149, 212, 240	XR-100	000,035,072
Yamaha	038	Zenith	033,034,039

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