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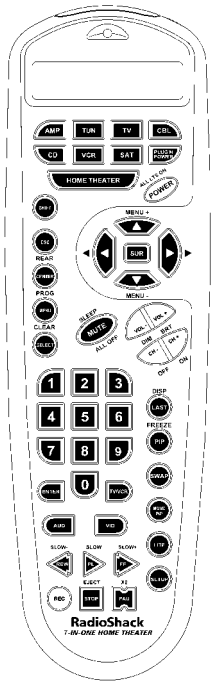
Cat. No. 15-1935

OWNER'S MANUAL

7-in-One Home Theater Remote Control

Please read before using this equipment.



RadioShack®

INTRODUCTION

Your RadioShack 7-in-One Home Theater Remote Control can replace up to seven infrared remote controls. You can use it to control your TV, VCR, cable converter, satellite receiver, CD player, tuner, phonograph, video accessory, digital audio tape, cassette, or laser disc player.

Unlike some universal remote controls, this remote control is preprogrammed with the most commonly used commands and does not have to learn its commands from the original remote controls. All you have to do is tell it which device's remote controls you want to replace (by entering 3-digit codes).

This manual includes a list of many manufacturers' 3-digit codes for your devices. Or, you can call the toll-free number at the bottom of every page for assistance.

The 7-in-One transmits both infrared (IR) and radio frequency (RF) signals, so you don't need to be within "line-of-sight" to control devices. With the supplied IR/RF Command Center, you can use the remote to control devices in any room of your home.

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PREPARATION

INSTALLING BATTERIES

Your 7-in-One requires four AAA alkaline batteries (not supplied), available at your local RadioShack store.

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

To install the batteries:

1. Press down on the battery compartment cover and slide the cover off.
2. Place the batteries in the compartment, matching the polarity marks (+ and –) inside.
3. Replace the cover.

If the batteries are installed correctly and the red indicator does not light when you press **POWER**, replace the batteries.

Cautions:

- Dispose of old batteries promptly and properly. Do not burn or bury them.
- Always remove old or weak batteries. Batteries can leak chemicals that can destroy electronic parts.

Notes:

- After you install batteries, the remote performs a test of the display for 10 seconds or until you press a key.

- To extend battery life, the display turns off after 10 seconds of keypad inactivity and turns on again when you press any key.
- Device codes you have programmed into the 7-in-One remain stored in memory while you replace the batteries. However, you must reset the clock.

SETTING THE CLOCK

Follow these steps to set the clock on the 7-in-One's display.

1. Hold down **SETUP** until **TIMED SEQ**. appears.
2. Press **MENU ▼** twice. **CONFIGURE** appears.
3. Press **SELECT**. **THEATR SEL** appears.
4. Press **MENU ▼** again.
5. Press **SELECT**. **TIME** appears and the first digit in the time flashes. Enter the time in 12-hour format. **AM/PM** flashes.
6. If necessary, press **MENU ▼** to toggle between AM and PM, then press **SELECT**. The day of the week display appears.
7. Use **MENU ▲** and **▼** to toggle through the days of the week until the current day appears, then press **SELECT**. The currently selected device and the correct time appear.

QUICK SETUP

The steps in this section tell you how to quickly set up the 7-in-One to operate all of your devices.

To set up devices individually, or add a device after you have set up the 7-in-One, see the appropriate section under “Setting Up the Remote.”

Note: For the best operation, you should be within 15 feet of the device you want to control.

Follow these steps for quick setup.

1. Turn on all of the devices you are setting up.
2. Press **TV**.
3. Hold down **SETUP** until **TIMED SEQ** appears.
4. Press **MENU ▼**. **CODE SETUP** appears.
5. Press **SELECT**. **DEV SET UP** appears.
6. Press **SELECT** again. **TV** appears.
7. Enter the first three-digit TV code listed for your TV’s brand in “Setup Codes for TVs” on Page 12, then press **SELECT**.
8. Point the remote at your TV and press **POWER**. Your TV should turn off. If it does not, enter the next code from the list and press **SELECT** then **POWER** again. When your TV turns off, press **VCR**. **VCR** appears.
9. Enter the first three-digit VCR code listed for your VCR’s brand in “Setup Codes for VCRs” on Page 16 or “Setup Codes for TV/VCR Combos” on Page 19, then press **SELECT**.

10. Point the remote at your VCR and press **POWER**. Your VCR should turn off. If it does not, enter the next code from the list and press **SELECT** then **POWER** again. When your VCR turns off, press **CBL**. **CABLE** appears.
11. Continue setting up devices by pressing the appropriate device key, entering your device's code and pressing **SELECT**. Refer to the code list for the type of device you want to set up:

Setup Codes for	Page
Amplifiers	32
Cable Converters	22
Cassette Players	34
CD Players	26
DAT Players	34
Satellite Receivers	24
DVD Players	34
Home Automation	35
Laser Disc Players	35
Miscellaneous Audio	35
Phonographs	36
Tuners/Receivers	29

12. Once the 7-in-One is operating all of your devices, press **ESC** to stop programming.

A LOOK AT YOUR REMOTE

AMP, **TUN**, **TV**, **CBL**, **CD**, **VCR**, **SAT**, and **PLUG 'N POWER** — let you select the device you want to control.

HOME THEATER — lets you control all the functions of a home theater system.

POWER — turns the remote on and off, and controls **ALL LTS ON** in the PLUG 'N POWER mode.

MENU — works like the Menu or OSD (on-screen display) key on your original remote. Use ▲, ▼, ▶, and ◀ (Menu Up, Down, Right and Left) to navigate your on-screen menus. If your original remote had a Select key to select menu options, use **SELECT** in its place. Use **CLEAR** (**SHIFT** + **SELECT**) to exit/clear menus. See your device's original owner's manual for more detailed instructions on using menus.

Notes:

- ▲, ▼, ▶, and ◀ also control the Rear Level +/– and Balance Right/Left functions in AMP or TUN mode, and Disc +/– and Track +/– in CD mode.
- **SELECT** also controls TAPE MON in AMP or TUN mode, Disc Select in CD mode, and the Fetch function in the on-screen menu of an RCA satellite system.

PROG (**SHIFT** + **MENU**) — operates your satellite system's and cable converter's Guide function, as well as any device's secondary menus.

SUR (Surround) — operates the Surround mode. It also operates the favorite channel function in SAT and CBL modes, 10+ (to access tracks numbered higher than 10) in CD mode, and the DISC function of a laser disc player.

SHIFT — besides those functions described elsewhere in this manual, works with these keys to control advanced features:

Mode	Key	Function
VCR	**PLAY**	SLOW
	REW	REW SLOW (SLOW–)
	FF	FF SLOW (SLOW+)
	STOP	EJECT
	PAUSE	X2
Satellite Receiver	**MENU+**	AUDIO+
	MENU–	AUDIO–
Receiver/Tuner/Amplifier	**MENU+**	CENTER LEVEL +
	MENU–	CENTER LEVEL –
	MENU▶	DELAY+
	MENU◀	DELAY–
Laser Disc/Cassette/DVD	**PLAY**	REVERSE PLAY
	REW	REW SLOW
	FF	FF SLOW
	STOP	EJECT
	PAUSE	X2
CD	**STOP**	EJECT

ESC (Escape) — lets you exit the remote's displayed menu.

CENTER and **REAR** (**SHIFT** + **CENTER**) — work like the Add and Delete keys on your original TV remote, the DISC A and B keys on your laser disc remote, or the SAT and AUDIO keys of a satellite system remote.

VOL+ (Volume Up), **VOL–** (Volume Down) and **MUTE —** control the volume like the Volume Up and Down and Mute keys on your original remote. In Plug n' Power mode, **VOL+/VOL–** operates Bright and Dim and **MUTE** operates **ALL OFF**.

SLEEP (**SHIFT** + **MUTE**) — controls the Sleep Timer in TV, CABLE, SAT, and AMP or TUN modes for devices which have this feature. If your device does not have a Sleep Timer, **SLEEP** activates the remote's built-in sleep timer.

CH+ (Channel Up) and **CH–** (Channel Down) — work like the Channel Up and Down keys on your original remote. **CH+** and **CH–** also control Preset Up/Preset Down in AMP or TUN mode and ON/OFF in Plug n' Power mode.

Digit Keys (0–9) — work like the digit keys on your original remote. They also control Input Selections in AMP or TUN mode.

ENTER — works like the Enter key on your original remote (for example, to change channels).

TV/VCR — works like the TV/SAT key on your original satellite remote. **TV/VCR** also controls TV/Video in TV mode, TV/VCR in VCR mode, A/B in cable and CD modes, and Input Select in AMP or TUN mode.

LAST (Last Channel) — works like the Previous Channel or Recall key on your original remote. It also operates the RANDOM functions in the CD and AMP or TUN modes.

AUDIO and **VIDEO** (Macro Keys) — memorize up to 15 keystrokes, so you can repeat them in sequence in any mode at the press of a single key.

REW (Rewind), **PL** (Play), **FF** (Fast Forward), **REC** (Record), **STOP**, and **PAUSE** — work like the transport keys on your original VCR or Laser Disc player remotes. To guard against accidentally recording over a videotape, you must press **REC** twice before recording.

LAST — works like the Previous Channel or Recall key on your original TV remote.

DISPLAY (**SHIFT** + **LAST**) — controls the Display function of your devices. If you are operating an RCA satellite system, **DISPLAY** controls the Select function in your On-Screen Guide and Display when you are viewing a program. If you are operating a CD player, it controls the Time function.

PIP — controls your TV or VCR's Picture-in-Picture feature. Works like the VIEW key on your satellite receiver's remote.

FREEZE (**SHIFT** + **PIP**) — freezes your Picture-in-Picture window.

SWAP — swaps the Picture-in-Picture window and the main picture.

MOVE PIP — moves the Picture-in-Picture window around the screen. Works like the Next key on your satellite receiver's remote.

LITE — lets you turn the remote's backlight and display on and off. When you press **LITE** to turn on the backlight, the backlight stays lit for 5 seconds then lights again anytime you press a key. To turn off the backlight, press **LITE** again.

SETUP — lets you use the remote's displayed menu menu to program your 7-in-One.

SETTING UP THE REMOTE

Note: For the best operation, you should be within 15 feet of the device you want to control.

TO OPERATE YOUR TV

Locate the codes for your TV in "Setup Codes for TVs" and write them in the space below. The brands are listed in alphabetical order, with the most popular codes listed first.

Codes: _____

Then follow these steps to program the 7-in-One to operate your TV.

1. Turn on your TV.
2. Press **TV** then hold down **SETUP** until **TIMED SEQ** appears.
3. Press **MENU ▼**. **CODE SETUP** appears.
4. Repeatedly press **SELECT** until **TV** appears.
5. Enter the first three-digit code listed for your TV's brand, then press **SELECT**.
6. Point the 7-in-One at your TV and press **POWER**. Your TV should turn off. If it does not, enter the next code from the list and press **SELECT** then **POWER** again. When your TV turns off, press **ESC** to stop programming.

Setup Codes for TVs

Brand	Codes
Abex	032
Admiral	093
Adventura	046
Aiko	092
Akai	030
Alaron	179, 183
A-Mark	003
Ambassador	177
Anam National	055

Brand	Codes
Anam	180
AOC	019, 030, 003, 052, 185
Archer	003
Audiovox	092, 451, 180, 003
Baysonic	180
Belcor	019
Bell & Howell	154, 016
Bradford	180
Brockwood	019
Broksonic	236, 463, 003
Candle	030, 056, 046, 186
Carnivale	030
Carver	054
CCE	217
Celebrity	000
Cineral	092, 451
Citizen	060, 030, 056, 092, 186, 280, 046, 039
Clairtone	185
Concerto	056
Contec	180, 157, 158, 185
Craig	180
Crosley	054
Crown	180, 039
Curtis Mathes	047, 054, 060, 030, 056, 451, 154, 051, 016, 039, 093, 145
CXC	180
Daewoo	451, 092, 019, 091, 039
Daytron	019
Denon	145

Brand	Codes
Dumont	017, 019
Electroband	000, 185
Electrohome	381, 389, 409
Emerson	236, 463, 019, 180, 280, 179, 154, 177, 178, 181, 182, 183, 185, 270, 282, 038, 158, 039
Envision	030
Fisher	154, 159
Fujitsu	179
Funai	171, 180, 179
Futuretech	180
GE	047, 051, 055, 451, 021, 178, 027, 029, 135, 279, 282, 174, 093
Gibralter	017, 019, 030
Goldstar	019, 030, 056, 178, 001, 002, 032, 106, 409
Gradiente	053, 056
Grunpy	180, 179
Hallmark	178
Harley Davidson	179
Harvard	180
Hitachi	145, 151, 056, 032, 038, 279, 409, 413
Infinity	054
Inteq	017
Janeil	046
JBL	054
JCB	000
JVC	053, 036, 069, 160, 169, 182
Kawasho	158

Brand	Codes
Kaypani	052
KEC	180
Kenwood	019, 030
Kloss	024, 046
KMC	106
KTV	180, 280, 030, 183, 185, 039, 217
LG	056
Logik	016
Luxman	056
LXI	047, 054, 156, 154, 178, 148
Magnavox	054, 096, 186, 187, 179, 030, 020, 024, 028, 036, 386
Majestic	016
Marantz	054, 030
Matsushita	250
Megatron	145, 178, 003
MEI	185
Memorex	150, 154, 016, 056, 178, 106, 250
MGA	150, 019, 030, 178, 155
Midland	047, 017, 039, 051, 032, 135
Minutz	021
Mitsubishi	150, 019, 093, 178, 155
Motorola	093, 055
MTC	019, 060, 030, 056, 091, 185
Multitech	180, 217
NAD	156, 178, 166
NEC	030, 019, 056, 036

Brand	Codes
Nikko	092, 030, 178
Noblex	430
Noshi	018
NTC	092
Onwa	180
Optimus	154, 250, 166
Optonica	093, 165
Orion	236, 463, 179
Panasonic	250, 051, 055
JC Penney	047, 156, 019, 060, 051, 030, 056, 178, 002, 003, 018, 021, 027, 135, 032, 149, 039
Philco	054, 096, 019, 145, 030, 020, 028, 463
Philips	054
Pilot	030, 019, 039
Pioneer	038, 166
Portland	092, 019, 039
Prism	051
Proscan	047
Proton	178, 003, 052
Pulsar	017, 019
Quasar	250, 051, 055, 165
RadioShack	047, 019, 180, 154, 030, 056, 178, 165, 409, 032, 039
RCA	047, 018, 019, 051, 029, 038, 090, 278, 135, 174, 093
Realistic	019, 180, 165, 154, 030, 056, 178, 032, 039
Rhapsody	185, 183

Brand	Codes
Runco	017, 030
Sampo	030, 032, 052, 039
Samsung	060, 019, 030, 056, 178, 032, 427, 482
Samsux	039
Sansei	451
Sansui	463
Sanyo	154, 159, 146
Scimitsu	019
Scotch	178
Scott	236, 019, 180, 179, 178
Sears	047, 054, 156, 179, 154, 056, 171, 178, 146, 148, 149, 159
Semivox	180
Semp	156
Sharp	093, 165, 153, 157, 386, 039
Shogun	019
Signature	016
Simpson	186, 187
Sony	000, 080
Soundesign	180, 179, 178, 186
Spectricon	003
Squareview	171
SSS	019, 180
Starlite	180
Supre-Macy	046
Supreme	000
Sylvania	054, 096, 030, 020, 028, 381
Symphonic	171
Tandy	093

Brand	Codes
Tatung	055, 003
Technics	250, 051
Technol Ace	179
Techwood	051, 056, 003
Teknika	054, 150, 019, 060, 180, 179, 016, 056, 092, 186, 312, 039
Telefunken	056
TMK	177, 056, 178
Toshiba	156, 060, 154, 036, 149
Tosonic	185
Totevision	039
Trical	157
Universal	027
Vector Research	030
Victor	053
Vidikron	054, 242
Vidtech	019, 178, 036
Viking	046, 312
Wards	054, 019, 165, 179, 021, 016, 030, 056, 178, 020, 027, 028, 029, 080, 096, 174
Yamaha	019, 030
Zenith	017, 092, 016
Zonda	003

TO OPERATE YOUR VCR OR TV/VCR COMBINATION

Locate the codes for your VCR or TV/VCR combination in "Setup Codes for VCRs" on Page 16 or "Setup Codes for TV/VCR Combos" on Page 19 and write the codes in the space below. The brands are listed in alphabetical order, with the most popular codes listed first.

Codes: _____

Then follow these steps to program your 7-in-One to operate your VCR or TV/VCR combination.

1. Turn on your VCR or TV/VCR combination and insert a tape.
2. Press **VCR**.
3. Hold down **SETUP** until **TIMED SEQ** appears.
4. Press **MENU ▼**. **CODE SETUP** appears.
5. Repeatedly press **SELECT** until **VCR** appears.
6. Enter the first three-digit VCR code listed for your VCR's brand, then press **SELECT**.
7. Point the 7-in-One at the VCR and press **POWER** or **PL** (Play). Your VCR should turn off or start to play. If it does not, enter the next code from the code list then **SELECT** and **POWER** or **PL** again. When your VCR turns off or plays, press **ESC** to stop programming.

Setup Codes for VCRs

Brand	Codes
Admiral	048
Adventura	000
Aiko	278
Aiwa	037, 000
Akai	041, 049, 053, 061, 106
American High	035

Brand	Codes
Asha	240
Audiovox	037
Beaumark	240
Bell & Howell	104
Broksonic	209, 184, 479, 002, 121, 211, 295, 361
Calix	037
Canon	035
Capehart	020
Carver	081
CCE	072, 278
Cineral	278
Citizen	037, 278
Colt	072
Craig	240, 037, 047, 072, 271
Curtis Mathes	060, 035, 041, 162
Cybernex	240, 051
Daewoo	045, 278, 020
Daytron	020
Denon	042
Dynatech	000
Electrohome	037
Electrophonic	037
Emerex	032
Emerson	184, 209, 479, 037, 002, 043, 000, 121, 278, 036, 061, 068, 208, 211, 212, 294, 295, 361
Fisher	104, 047, 066, 054
Fuji	035, 033
Funai	000
Garrard	000

Brand	Codes
GE	060, 202, 035, 240, 048, 065
Go Video	232, 279, 432
Goldstar	037, 038
Gradiente	008, 000
Harley Davidson	000
Harman/ Kardon	038, 075
Harwood	072, 068
Headquarter	046
HI-Q	047
Hitachi	042, 105, 041, 000, 065, 166, 396
Jensen	041
JVC	041, 008, 067, 206
KEC	037, 278
Kenwood	041, 067, 038
KLH	072
Kodak	035, 037
Lloyd's	000, 208
Logik	072
LXI	037
Magnasonic	278
Magnavox	035, 081, 039, 000, 110, 149
Magnin	240
Marantz	035, 081
Marta	037
Matsushita	162, 035, 454
MEI	035
Memorex	035, 162, 037, 039, 047, 000, 240, 048, 104, 046
MGA	043, 240, 061

Brand	Codes
MGN Technology	240
Minolta	042, 105
Mitsubishi	043, 067, 048, 061, 075, 173
Motorola	035, 048
MTC	000, 240
Multitech	000, 072
NEC	038, 041, 067, 104, 040
Nikko	037
Nikon	034
Noblex	240
Olympus	035
Optimus	037, 048, 104, 162, 454, 432
Optonica	062
Orion	184, 479, 002, 295
Panasonic	162, 035, 254, 378, 454
JC Penney	035, 037, 042, 240, 038, 040, 054
Pentax	042, 065, 105
Philco	035, 209, 479
Philips	081, 035, 110, 062
Pilot	037
Pioneer	067, 162
Portland	020
Profitronic	240
Proscan	060, 202
Protec	072
Pulsar	039, 051
Quarter	046
Quartz	046
Quasar	035, 162, 454

Brand	Codes
RadioShack	037, 000
Radix	037
Randex	037
RCA	060, 202, 035, 042, 240, 048, 065, 105, 106, 149
Realistic	035, 037, 047, 000, 048, 104, 066, 062, 046
Ricoh	034, 253
Runco	039
Salora	075
Samsung	240, 045, 051, 053
Sanky	048, 039
Sansui	000, 041, 067, 082, 271, 479
Sanyo	104, 047, 240, 046
Scott	043, 045, 184, 121, 210, 211, 212
Sears	035, 104, 037, 047, 042, 000, 066, 046, 054, 105
Semp	045
Sharp	048, 062
Shintom	072
Shogun	240, 051
Singer	072
Sony	032, 033, 034, 000, 035, 253
STS	042
Sunpak	253
Sylvania	081, 035, 043, 000, 110
Symphonic	000
Tatung	041

Brand	Codes
TEAC	041, 000
Technics	162, 035
Teknika	035, 037, 000
Thomas	000
TMK	240, 036, 208
Toshiba	045, 043, 066, 210, 212, 366
Totevision	037, 240
Unitech	240
Universum	325
Vector Research	038, 040
Vector	045
Video Concepts	045, 040, 061
Videosonic	240
Wards	060, 035, 047, 042, 000, 240, 048, 081, 072, 062, 149, 212
White Westing-house	278
XR-1000	035, 000, 072
Yamaha	038
Zenith	039, 000, 034, 033

Setup Codes for TV/VCR Combos

Brand	Codes
American High	035*
Broksonic	002, 479
Colt	072
Curtis Mathes	035*
Daewoo	278
Emerson	002, 294, 479
Funai	000
GE	035*, 060*, 048*, 240
Hitachi	000
Lloyds	000
MGA	240
Magnavox	000, 035*, 081*
Magnin	240
Memorex	037, 162*
Mitsubishi	048*
Optimus	1162*
Orion	002, 479
Panasonic	035*, 162*, 1162*
JC Penney	035*, 240
Quasar	035*, 162*
RCA	035*, 060*, 048*
Samsung	240*
Sansui	000, 479
Sanyo	240
Sears	000, 037
Sony	032*
Symphonic	000
Zenith	000

Note: If your TV/VCR works using a code (from the table) highlighted with an asterisk (*), you might need to program a separate TV code to control the volume. Check the list below and follow the instructions in “To Operate Your TV” on Page 12 to program the supplied TV code.

VCR Code	Code for TV Volume Control
032	000
035	051
048	093
060	047
081	054
162	250
240	060

TO OPERATE YOUR CABLE CONVERTER

Locate the codes for your cable converter in "Setup Codes for Cable Converters" on Page 22 and write them in the space below. The brands are listed in alphabetical order, with the most popular codes listed first.

Codes: _____

Follow these steps to program the 7-in-One to operate your cable converter.

1. Turn on your cable converter.
2. Press **CBL**.
3. Hold down **SETUP** until **TIMED SEQ** appears.
4. Press **MENU ▼**. **CODE SETUP** appears.
5. Repeatedly press **SELECT** until **CABLE** appears.
6. Enter the first three-digit code listed for your converter's brand, then press **SELECT**.
7. Point the 7-in-One at the cable converter and press **POWER**. Your cable converter should turn off. If it does not, enter the next code in the code list and press **SELECT** then **POWER** again. When your cable converter turns off, press **ESC** to stop programming.

Note: If your original cable converter remote does not have an ON key, press **CH+** on the 7-in-One to turn on your cable converter.

Setup Codes for Cable Converters

Brand	Codes
ABC	003, 008, 014, 007, 017, 013, 011, 001
Allegro	153, 315
Antronix	022, 207
Archer	797, 153, 022, 207
Cabletenna	022
Cableview	022
Century	153
Citizen	153, 315
Colour Voice	025, 031
Comband	232, 233
Comtronics	040, 060
Contec	019
Digi	637
Eastern	002
Electricord	078
Emerson	797
Everquest	015, 040
Focus	400
Garrard	153
GC Electronics	207
GE	232, 233
Gemini	015, 057, 242
General Instrument	276, 003, 011, 476
GMI	057
Goldstar	144, 040
Goodmind	797
Hamlin	020, 009, 259, 034, 273
Hitachi	011
Hytex	007
Jasco	153, 315
Jerrold	003, 276, 014, 476, 012, 011, 015, 024
Macom	033
Magnavox	027, 334
Memorex	000
Movie Time	063, 156
Novaplex	618
NSC	063, 156
Oak	007, 019
Optimus	021
Panasonic	107, 000, 021
Panther	637
Paragon	000
Philips	153, 025, 027, 031, 242, 290, 334
Pioneer	144, 533, 023, 260
Popular Mechanics	400
Pulsar	000
RadioShack	883, 015, 315
RCA	021
Realistic	207
Recoton	400
Regal	020, 259, 273, 279
Regency	002
Rembrandt	011
Runco	000
Samsung	144, 040
Scientific Atlanta	008, 477, 017, 006
Signal	015, 040
Signature	011

Brand	Codes
SL Marx	040
Sprucer	021, 307
Starcom	003, 015
Stargate	015, 040, 797
Starquest	015
Sylvania	001
Tandy	258
TeleCaption	221
Teleview	040
Texscan	001
Timeless	418
Tocom	012, 013
Toshiba	000
Tusa	015
TV86	063
Unika	022, 153, 207
United Artists	007
United Cable	003
Universal	191, 077, 022, 153, 207
Videoway	250
Viewstar	063, 027, 060, 211, 258
Zenith	000, 525
Zentek	400

TO OPERATE YOUR SATELLITE RECEIVER

Locate the codes for your satellite receiver in "Setup Codes for Satellite Receivers" on Page 24 and write them in the space below. The brands are listed in alphabetical order, with the most popular codes listed first.

Codes: _____

Then follow these steps to program the 7-in-One to operate your satellite receiver.

1. Turn on your satellite receiver.
2. Press **SAT**.
3. Hold down **SETUP** until **TIMED SEQ** appears.
4. Press **MENU ▼**. **CODE SETUP** appears.
5. Repeatedly press **SELECT** until **SAT** appears.
6. Enter the first code listed for your receiver's brand then press **SELECT**.
7. Point the 7-in-One at the satellite receiver and press **POWER**. Your satellite receiver should turn off. If it does not, enter the next code in the code list and press **SELECT** then **POWER** again. When your satellite receiver turns off, press **ESC** to stop programming.

Setup Codes for Satellite Receivers

Brand	Codes
AlphaStar	772
Amplica	072
Amway	043, 075
Astro Industries	095
BSR	095
Cable Innovations	554
Capetronic	095
Century	538

Brand	Codes
Channel Master	018, 212
Chaparral	053, 209, 216
Citoh	164
Conifer	004
Curtis Mathes	061, 072
DX Antenna	041
Drake	018, 064, 149, 245
Echostar	148, 159, 218, 269, 280, 775
Expressvu	775
General Instrument	050, 361, 547, 554, 869
HTS	775
Hitachi	819
Homecable	238
Hughes Network Systems	749
Hytek	095
IQ	210
IQ Prism	210
Intersat	043
JVC	775
Janeil	152
Jerrold	361, 627
Legend	269
Macom	018, 050, 061
Magnavox	724
Memorex	269, 724
Norsat	004
Panasonic	152, 701
Pansat	647
Philips	200, 724
Pico	075
Primestar	361, 627

Brand	Codes
Prosat	158
RCA	566
RadioShack	554
Ramsey	075
Realistic	051, 052
STS	041, 210
Sony	639
Star Choice	869
Star Trak	180, 421, 547
Strong	421
Toshiba	061, 082, 790
Town & Country	547
Uniden	052, 074, 076, 238, 296, 370, 554, 724
Zenith	061, 064

TO OPERATE YOUR CD PLAYER

Locate the codes for your CD player in "Setup Codes for CD Players" and write them in the space below. The brands are listed in alphabetical order, with the most popular codes listed first.

Codes: _____

Follow these steps to program the 7-in-One to operate your CD Player.

1. Turn on your CD player and insert a disc.
2. Press **CD**.
3. Hold down **SETUP** until **TIMED SEQ** appears.
4. Press **MENU ▼**. **CODE SETUP** appears.
5. Repeatedly press **SELECT** until **CD** appears.
6. Enter the first code listed for your CD player's brand then press **SELECT**.
7. Point the 7-in-One at the CD player and press **PL**. Your CD player should play. If it does not, enter the next code in the code list and press **SELECT** then **PL** again. When the CD player plays, press **ESC** to stop programming.

Setup Codes for CD Players

Brand	Codes
ADC	018, 033
Acoustic Research	123
Adcom	155, 234
Aiwa	012, 124, 157
Akai	156
Audio Alchemy	194
Audio-Technica	170
BSR	194, 245
Bang & Olufsen	212
Burmester	420
California Audio Lab	029

Brand	Codes
Capetronic	237, 690
Carrera	194
Carver	157, 179, 299, 437
Crown	122
DAK	245
DKK	000
Denon	003
Emerson	155, 164, 305, 469
Fisher	048, 088, 174, 179, 342
GE	009
Garrard	245, 280, 393, 420, 425
Genexxa	032, 164, 305
GoldStar	030, 417
Harman/ Kardon	108, 426
Hitachi	032, 139, 155
Inkel	065
JVC	072, 655, 658
Kenwood	028, 037, 048
Kodak	287
Krell	157
Kyocera	018
LXI	305
Linn	157
Luxman	093, 149, 327
MCS	029, 043
MTC	420
Magnavox	038, 129, 157, 305
Marantz	005, 029, 038, 157, 180
McIntosh	287
Mission	157
Mitsubishi	098

Brand	Codes
NAD	019, 299
NEC	043, 130, 234
Nakamichi	147
Nikko	164, 169, 170, 174
Onkyo	101, 102, 138
Optimus	000, 032, 037, 048, 087, 145, 175, 179, 194, 196, 280, 305, 342, 420, 426, 437, 468, 536, 671, 690, 775
Panasonic	029, 303, 367, 752
Parasound	194, 420
Philips	157, 274, 287
Pioneer	032, 244, 305, 468
Proton	152, 157
QED	157
Quasar	029
RCA	009, 053, 155, 179, 305, 764
Realistic	155, 164, 175, 179, 180, 237, 420
Rotel	157, 420
SAE	157
STS	018
Sansui	157, 202, 216, 305
Sanyo	087, 179
Scott	155, 164, 305
Sears	305
Sharp	037, 180, 262, 265
Sherwood	065, 180, 196, 426
Shure	043

Brand	Codes
Signature	108
Sony	000, 185, 490, 604, 605
Soundesign	145, 425
Symphonic	183
Tascam	420
Teac	016, 045, 153, 174, 180, 183, 378, 393, 420
Technics	029, 207, 303
Toshiba	019, 299
Vector Research	033, 194, 417
Victor	072
Wards	053, 108, 157
Yamaha	036, 170, 187
Yorx	461

TO OPERATE YOUR TUNER/ RECEIVER

Locate the codes for your tuner/receiver in "Setup Codes for Tuners/Receivers" on Page 29 and write them in the space below. The brands are listed in alphabetical order, with the most popular codes listed first.

Codes: _____

Then follow these steps to program the 7-in-One to operate your tuner/receiver.

1. Turn on your tuner/receiver.
2. Press **TUN**.
3. Hold down **SETUP** until **TIMED SEQ** appears.
4. Press **MENU ▼**. **CODE SETUP** appears.
5. Repeatedly press **SELECT** until **TUNER** appears.
6. Enter the first code listed for your device's brand then press **SELECT**.
7. Point the 7-in-One at the tuner/receiver and press **POWER**. Your tuner/receiver should turn off. If it does not, enter the next code in the code list and press **SELECT** then **POWER** again. When the tuner/receiver turns off, press **ESC** to stop programming.

Setup Codes for Tuners/Receivers

Brand	Codes
ADC	531
Adcom	616
Admiral	182
Aiwa	121, 125, 158, 189, 405
Akai	076, 224
Bose	639
Capetronic	531
Carver	008, 042, 189, 360, 412

Brand	Codes
Casio	195, 201
Clarinette	195
Curtis Mathes	080, 201
Denon	004, 273, 771
Emerson	424
Fisher	042, 219, 360
Garrard	281, 286, 424, 440, 463, 744
Harman/ Kardon	110
Inkel	062
JVC	074, 464
Jensen	754
Kenwood	027, 077, 186, 313, 314
Koss	424, 744
LXI	181, 744
Linn	189
Lloyd's	195
Luxman	166
MCS	039, 201, 346
Magnavox	128, 189, 195, 531
Marantz	006, 039, 128, 189, 412
Modulaire	195
NAD	320
NEC	235
NTDE Geniesom	744
Nakamichi	347
Onkyo	100, 119, 135, 380
Optimus	042, 080, 177, 181, 186, 219, 286, 440, 531, 622, 670, 738, 744, 754, 801
Orient Power	744

Brand	Codes
Panasonic	039, 309
JC Penney	195, 201
Philips	189, 412
Pioneer	014, 080, 150, 289, 531, 630
Quasar	039
RCA	054, 346, 360, 530, 531
RadioShack	744
Realistic	163, 181, 182, 195
Sansui	189, 346
Sanyo	219, 801
Scott	105, 163, 390
Sears	201
Sharp	186
Sherwood	062, 491, 502
Sonic	281
Sony	158, 415, 238
Soundesign	670
Symphonic	182
Teac	163, 298, 387, 463
Technics	039, 208, 309
Techwood	281
Victor	074
Wards	014, 042, 054, 080, 158, 189
Yamaha	082, 176, 186
Yorx	195
Zenith	281, 622, 744

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TO OPERATE YOUR AMPLIFIER

Locate the codes for your amplifiers in “Setup Codes for Amplifiers” on Page 32 and write them in the space below. The brands are listed in alphabetical order, with the most popular codes listed first.

Codes: _____

Then follow these steps to program the 7-in-One to operate your amplifier.

1. Turn on your amplifier.
2. Press **AMP**.
3. Hold down **SETUP** until **TIMED SEQ** appears.
4. Press **MENU ▼**. **CODE SETUP** appears.
5. Repeatedly press **SELECT** until **AMP** appears.
6. Enter the first code listed for your amplifier’s brand then press **SELECT**.
7. Point the 7-in-One at the amplifier and press **POWER**. Your amplifier should turn off. If it does not, enter the next code in the code list and press **SELECT** then **POWER** again. When the amplifier turns off, press **ESC** to stop programming.

Setup Codes for Amplifiers

Brand	Codes
Acurus	765
AudioSource	011
Carver	269
Curtis Mathes	300
Denon	160
Elan	647
Forte	606
GE	078
GoldStar	031
Harman/ Kardon	106
Kenwood	356
Linn	269
Luxman	165
Magnavox	269
Marantz	269, 321
McIntosh	251
NEC	264
Nakamichi	321
Optimus	013, 300, 395
Panasonic	308
Philips	269
Pioneer	013, 300
Realistic	395
Sansui	321
Shure	264
Sony	220
Soundesign	078, 211
Technics	308
Wards	013, 078, 211
Yamaha	133, 143, 354, 504

TO OPERATE OTHER DEVICES

In addition to the labeled devices (**AMP**, **TUN**, **TV**, **CD**, **CBL**, **VCR**, or **SAT**), the 7-in-One can also operate laser disc players (LDP), cassette decks, digital audio tape (DAT) players, video accessories, and miscellaneous audio devices (graphic equalizers and digital audio service terminals, for example).

To access device codes for:	Use:
Digital Video Disc Players, Laser Disc Players, Cassette Decks, Digital Audio Tape Players	**VCR**
Phonographs	**CD**
Video Accessories	**CBL**
Miscellaneous Audio	**AMP**
Home Automation	**PLUG 'N POWER**

For example, to set up a laser disc player:

1. Turn on your laser disc player and insert a disc.
2. Press **VCR**.
3. Hold down **SETUP** until **TIMED SEQ** appears.
4. Press **MENU ▼**. **CODE SETUP** appears.
5. Repeatedly press **SELECT** until **VCR** appears.
6. Press **MENU ▼** or **▲** to toggle between **VCR**, **LDP**, **TAPE**, and **DAT**.
7. When **LDP** appears, enter the first code listed for your laser disc player's brand in "Setup Codes for Laser Disc Players" on Page 35, then press **SELECT**.
8. Point the 7-in-One at the laser disc player and press **PL**. Your laser disc player should play. If it does not, enter the next code in the code list and press **SELECT** then **PL** again. When the laser disc player plays, press **ESC** to stop programming.

Setup Codes for Cassette Players

Brand	Codes
ADC	171
Aiwa	029, 197, 200
Akai	283
Carver	029, 261
Denon	076
Fisher	074, 261
Garrard	300, 308, 309, 439
JVC	244, 273, 274, 303
Kenwood	070, 071, 092, 233, 234
Kyocera	171
MGA	313
Magnavox	029
Marantz	029
Mitsubishi	283, 313
Nakamichi	147, 151, 218, 247, 248
Onkyo	136, 282
Optimus	027, 220, 300, 337, 439
Panasonic	229
Philips	029
Pioneer	027, 099, 220
RCA	261
Sansui	029
Sanyo	261
Sharp	231
Sherwood	337
Sony	170, 243, 291
Teac	280, 289, 308, 309
Technics	229
Victor	273, 274
Wards	027
Yamaha	094, 097

Setup Codes for Digital Audio Tape (DAT) Players

Brand	Code
Carver	158
Marantz	158
Philips	158

Setup Codes For DVD Players

Brand	Codes
JVC	558
Kenwood	534
Magnavox	503
Mitsubishi	521
Onkyo	503
Panasonic	490
Philips	503, 539
Pioneer	525
Proscan	522
RCA	522
Sony	533
Technics	490
Toshiba	503
Zenith	503

Setup Codes for Home Automation

Brand	Codes
Audio Access	154
GE	240
LiteTouch	084
Lutron	318
One For All	167
RadioShack	240
Sanyo	336
Security System	167
Universal X10	167

Brand	Codes
Pioneer	023, 059, 525
Proscan	522
Quasar	204
RCA	128, 522
Realistic	203
Samsung	323
Sega	023
Sony	193, 201, 270, 533
Technics	204, 490
Theta Digital	194
Toshiba	503
Yamaha	217
Zenith	503

Setup Codes for Laser Disc Players

Brand	Codes
Aiwa	203
Carver	064, 194, 323
Denon	059, 172, 241
Disco Vision	023
Funai	203
Hitachi	023
JVC	558
Kenwood	534
Magnavox	194, 217, 241, 503
Marantz	064, 194
Mitsubishi	059, 521
NAD	059
NEC	286
Onkyo	503
Panasonic	204, 490
Philips	064, 194, 503, 539

Setup Codes for Miscellaneous Audio

Brand	Codes
Aiwa	203
Carver	064, 194, 323
Denon	059, 172, 241
Disco Vision	023
Funai	203
Hitachi	023
JVC	558
Kenwood	534
Magnavox	194, 217, 241, 503
Marantz	064, 194
Mitsubishi	059, 521
NAD	059
NEC	286
Onkyo	503
Panasonic	204, 490

Brand	Codes
Philips	064, 194, 503, 539
Pioneer	023, 059, 525
Proscan	522
Quasar	204
RCA	128, 522
Realistic	203
Samsung	323
Sega	023
Sony	193, 201, 270, 533
Technics	204, 490
Theta Digital	194
Toshiba	503
Yamaha	217
Zenith	503

Setup Codes for Phonographs

Brand	Codes
Aiwa	188
Carver	188
Magnavox	188
Marantz	188
Philips	188

SPECIAL FEATURES

SEARCHING FOR A CODE

Before Setup

If you have tried all the codes from the list and your device still will not respond to the 7-in-One (or if your brand is not listed), try searching for your code.

For example, to find the code for a TV:

1. Turn on your TV, then press **TV**.
2. Hold down **SETUP** until **TIMED SEQ** appears.
3. Press **MENU ▼**. **CODE SETUP** appears.
4. Press **SELECT**. **DEV SET UP** appears.
5. Press **MENU ▼**. **DEV SEARCH** appears.
6. Press **SELECT**. **TV** and the last entered three-digit code appear.
7. Press **POWER**. If your TV does not turn off, press **MENU ▼**. The next most recently entered code appears. Continue pressing **POWER** then **MENU ▼** until your TV turns off. Then press **SELECT** to lock in the code and stop programming.

Repeat these steps, using the appropriate device control button in Step 1 for each device you need to search.

Note: If you are searching for a VCR, laser disc player, or DVD player code, you might need to use **PL** (Play) instead of **POWER**.

After Setup

After you have set up your devices, you might need to find out which code is operating one of them. For example, to find out what three-digit code is operating your TV:

1. Press **TV**.
2. Hold down **SETUP** until **TIMED SEQ** appears.
3. Press **MENU ▼**. **CODE SETUP** appears.
4. Press **SELECT**. **DEV SET UP** appears.
5. Press **MENU ▼** twice. **DEV NUMBER** appears.
6. Press **SELECT**. **TV** and the code for that device appear.

   Note: To view the three-digit code for another device, press the key for the device you want to view in Step 1.
7. Write down the three-digit code then press **ESC** to stop programming.

USING THE SLEEP FUNCTION

To use the sleep timer built into your TV, cable converter, satellite system, or audio device, press **SLEEP** (**SHIFT** then **MUTE**). Most sleep timers advance in increments of 10 or 15 minutes. For specific instructions on setting your device's sleep timer, refer to the device's owner's manual.

Or, if your device does not have a sleep timer, follow these steps to enable Sleep Lock on the 7-in-One. Then you can use the 7-in-One's built-in sleep timer with all devices.

1. Hold down **SETUP** until **TIMED SEQ** appears.

2. Press **MENU** ▼ twice. **CONFIGURE** appears.
3. Press **SELECT**. **THEATER SEL** appears.
4. Press **MENU** ▲ twice. **SLEEP LOCK** appears
5. Press **SELECT**. **DISABLE** appears.
6. Press **MENU** ▼. **ENABLE** appears.
7. Press **SELECT** to stop programming.

Whenever you press **SLEEP** (**SHIFT** then **MUTE**), **SLEEP 15** appears. To add time to the sleep timer, press **MENU** ▼. Each press of **MENU** ▼ adds 15 minutes to the sleep timer, up to a total of 60 minutes. When the desired sleep time appears, press **SELECT**. **SLEEP** appears.

When Sleep Lock is enabled, the 7-in-One activates its own Sleep Timer. To use another device's sleep timer, or to simply disable Sleep Lock, repeat the above steps, pressing **MENU** ▲ to select **DISABLE** in Step 6.

CONVERTING DEVICE KEYS

You can use the 7-in-One to operate a second TV or VCR, or any combination of up to six devices. To do this, you must first convert an unused device key (**AMP**, **TUN**, **TV**, **CD**, **CBL**, **VCR**, or **SAT**) to operate the second device.

For example, to convert **CBL** to operate a second TV:

1. Hold down **SETUP** until **TIMED SEQ** appears.
2. Press **MENU** ▼ twice. **CONFIGURE** appears.
3. Press **SELECT**. **THEATR SEL** appears.
4. Press **MENU** ▼ three times. **MODE MAP** appears.
5. Press **SELECT**. **SOURCE** appears.
6. Press **TV**. **COPY TO** appears.

7. Press **CBL**. **TV2** appears.
8. Program the converted device key (**CBL**) with the code for the second TV. (See "To Operate Your TV" on Page 12.)

Repeat these steps for each key you want to convert.

VOLUME LOCK

The 7-in-One lets you choose one device to control the sound volume for all the devices the 7-in-One operates. When you first set up the 7-in-One, each device with a volume control operates its own volume. You can change this so that one device controls the volume no matter which device the 7-in-One is operating.

For example, to set-up the 7-in-One so your receiver always controls the volume:

1. Hold down **SETUP** until **TIMED SEQ** appears.
2. Press **MENU ▼** twice. **CONFIGURE** appears.
3. Press **SELECT**. **THEATR SEL** appears.
4. Press **MENU ▼** twice. **VOL LOCK** appears.
5. Press **SELECT**. **UNLOCK** appears.
6. Press **MENU ▼**. **LOCK** appears.
7. Press **SELECT** then the key for the device that you want to control the sound volume (**AMP**, **TUN**, **TV**, **CD**, **CBL**, **VCR**, or **SAT**), then press **SELECT**.

   For example, to control the volume through your receiver, press **TUN** then **SELECT**. When you press the volume keys on your 7-in-One, your receiver controls the volume.
8. Press **ESC** to exit.

Note: You might need to use the **MENU** or **VOL** keys to control volume, depending on which device you selected during these steps.

Resetting Volume Lock

To restore volume control to each individual device:

1. Hold down **SETUP** until **TIMED SEQ** appears.
2. Press **MENU** ▼ twice. **CONFIGURE** appears.
3. Press **SELECT**. **THEATR SEL** appears.
4. Press **MENU** ▼ twice. **VOL LOCK** appears.
5. Press **SELECT**. **LOCK** appears.
6. Press **MENU** ▼. **UNLOCK** appears.
7. Press **SELECT**. Each device now controls its own volume when you use the volume keys on your 7-in-One.

USING THE MACRO KEYS

The 7-in-One has two macro keys, **AUD** and **VID**. Each key lets you play back a series of up to 15 keystrokes at any time with the press of a single key, in any mode. You can set up a maximum of 36 macros, 15 timed sequences (see “Setting Up Timed Sequences” on Page 42), or a combination of both.

For example, follow these steps to set up a macro on **VID** that turns on your TV, VCR, and satellite system so you can record a program.

Note: If you make a mistake, press **ESC** and start over at Step 1.

1. Hold down **SETUP**. **TIMED SEQ** appears.

2. Press **MENU** ▼twice. **CONFIGURE** appears.
3. Press **SELECT**. **THEATR SEL** appears.
4. Press **MENU** ▼ four times. **KEY MACRO** appears.
5. Press **SELECT**. **SEL MACKEY** appears.
6. Press **VID**. **SELECT SEQ** appears.
7. Enter the sequence of up to 15 keystrokes that you want the 7-in-One to memorize, then press **ESC**.

   For example: **TV POWER 0 4 TV VCR SAT POWER**

   In our example, whenever you press **VID**, the TV turns on, tunes to channel 4, and changes its input to VIDEO 1, then the satellite turns on.

   Note: When setting up a macro, you must include all keystrokes that you would enter during regular usage, such as pressing **ENTER** after a channel number when changing channels (if your TV requires it).

Repeat these steps to set up a macro on the other macro key.

SETTING UP TIMED SEQUENCES

The 7-in-One lets you set up a sequence of keystrokes that can be played back at a time you specify, up to seven days in advance. You can set up a maximum of 15 timed sequences, 36 macros (see “Using the Macro Keys” on Page 41), or a combination of both.

For example, follow these steps to set your VCR to record a program from your satellite system.

Note: If you make a mistake, press **ESC** and start over at Step 1.

1. Hold down **SETUP** until **TIMED SEQ** appears.

2. Repeatedly press **SELECT** until **START** and the time appear, with the first digit blinking. Enter the time in 12-hour format. **AM/PM** flashes.
3. If necessary, press **MENU** ▼ to toggle between AM and PM, then press **SELECT**. **ONCE** appears.
4. Press **MENU** ▲ or ▼ to toggle between **ONCE**, **DAILY**, and **WEEKLY**. When the desired frequency appears, press **SELECT**. The day of the week display appears.
5. Use **MENU** ▲ and ▼ to toggle through the days of the week until the day when you want the sequence to start running appears.
6. Press **SELECT**. **ENTER SEQ** appears.
7. Enter the sequence of keystrokes you want the 7-in-One to play at the selected time, then press **ESC**.

   For example, to set up a sequence that turns on the satellite, tunes to channel 275, turns on the VCR, and starts recording, enter:

   SAT POWER SAT 2 7 5 VCR POWER VCR RECORD

   When your sequence is set up, the clock icon appears.

Deleting a Timed Sequence

1. Hold down **SETUP** until **TIMED SEQ** appears.
2. Press **SELECT**. **ADD MACRO** appears.
3. Press **MENU** ▲ or ▼. **DEL MACRO** appears.
4. Press **SELECT**. **DEL** and the first set day and time appear.
5. If necessary, use **MENU** ▲ or ▼ to scroll through the saved timed sequences. When you see the one you want to delete, press **SELECT**. **DELETED**

appears. If there are more timed sequences, the next one appears.

SETTING UP THE HOME THEATER KEY

The 7-In-One lets you operate all of the most commonly used home theater functions in one mode. When setting up the Home Theater mode, you choose which devices will control volume, channel changing, playback, picture-in-picture, and menu functions.

1. Press **HOME THEATER**.
2. Hold down **SETUP** until **TIMED SEQ** appears.
3. Press **MENU** ▼ twice. **CONFIGURE** appears.
4. Press **SELECT** twice. **AUDIO** appears.
5. Press **SELECT** then the appropriate device key (**TV**, **CBL**, **SAT**, **VCR**, or **AUX**) to select the device that you want to control audio features in Home Theater mode, then press **SELECT**. **CHANNEL** appears.
6. Press **SELECT**, then the appropriate device key to select the device that you want to change channels in Home Theater mode. Then press **SELECT** again. **PLAYBACK** appears.
7. Press **SELECT**, then **CD** or **VCR** to select the device that you want to control the transport keys (**PLAY**, **REW**, **FF**, **PAUSE**, **STOP** and **REC**) in Home Theater mode. Then press **SELECT** again. **PIP** (Picture-in-Picture) appears.
8. Press **SELECT** then **TV**, **CBL**, or **VCR** to select the device that you want to control Picture-in-Picture features in Home Theater mode. Then press **SELECT** again. **MENU** appears.

9. Press **SELECT** then the appropriate key to select the device you want to control the menu features in Home Theater mode. Then press **SELECT** again to stop programming.

Setting Up a Power Key Macro

After you set up the **HOME THEATER** mode, you can create a macro sequence that lets you use **POWER** to turn on and off all of your Home Theater devices.

1. Press **HOME THEATER**, then hold down **SETUP** until **TIMED SEQ** appears.
2. Press **MENU ▼** twice. **CONFIGURE** appears.
3. Press **SELECT**. **THEATR SEL** appears.
4. Repeatedly press **MENU–** until **KEY MACRO** appears.
5. Press **SELECT**. **SEL MACKEY** appears.
6. Press **POWER** then the key for each device in your home theater system.

   Note: You cannot use **AUD** or **VID** in your Home Theater Power key macro.
7. Press **POWER** then **ESC** to stop programming.

To activate the Home Theater Power macro, press **HOME THEATER** so **THEATER** appears, then press **POWER** to turn all of your home theater devices on or off.

CLEAR ALL

Use the Clear All feature to reset all advanced functions of the 7-in-One. Clear All erases macro sequences, timed macro sequences, and Volume Lock from the 7-

in-One's memory. It does *not* erase the setup codes you programmed.

To reset the 7-in-One using the Clear All feature:

1. Hold down **SETUP**. **TIMED SEQ** appears.
2. Press **MENU ▼** twice. **CONFIGURE** appears.
3. Press **SELECT**. **THEATER SEL** appears.
4. Press **MENU ▲**. **CLR ALL** appears.
5. Press **SELECT**. **CLR ALL** appears.
6. Press **SELECT** again. **CONFIRM** appears.
7. Press **SELECT** once more. Your 7-in-One is reset.

USING THE IR/RF COMMAND CENTER

The 7-in-One comes with an IR/RF Command Center which receives radio frequency (RF) signals from the 7-in-One and converts them into infrared (IR) signals to control your components.

Note: The 7-in-One's actual range depends on the construction of the building where it is used, as well as other factors, such as radio frequency interference. For the best operation:

- Aim the 7-in-One toward the room where the Command Center is located.
- Do not position the Command Center near metal objects (such as heating ducts) that can absorb RF signals.
- Keep fresh batteries in the 7-in-One. Weak batteries reduce the 7-in-One's range.

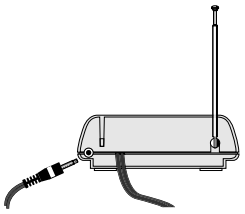
After you have set up the 7-in-One to control your devices (see “Quick Setup” on Page 6 or “Setting Up the Remote” on Page 12), follow these steps to set up the Command Center:

1. Choose a location about 8 feet in front of the components you want to control. The location should be near an easily accessible standard AC outlet, with line-of-sight access to your components.
2. Plug the Command Center’s power cord into the AC outlet and raise its telescoping antenna.
3. Position the Command Center so its black IR lens is facing your components.
4. Be sure the remote is not pointing toward your equipment, then test the Command Center by pressing **POWER**. You should be able to control components from any room.

Using the IR Signal Extension Cord

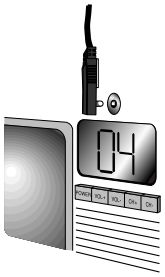
You can use the supplied IR signal extension cord to control a device that is within 4 feet of the Command Center but out of its direct line of sight.

1. Plug the IR signal extension cord into the jack (shown here) on the back of the Command Center.



2. Route the IR signal extension cord to the device.

3. Use the supplied double-sided tape to attach the IR signal extension cord to the device, with its LED on or next to the device's IR sensor.



4. Be sure the remote is not pointing toward your equipment, then test the Command Center by pressing **POWER**. The Command Center converts the 7-in-One's RF signal into an IR signal, and transmits that signal to the device through the cord.

TROUBLESHOOTING

Problem	Solution
Display begins to fade, does not appear, or the red light blinks five times when you press a key.	Replace the batteries with four fresh AAA alkaline batteries.
The 7-in-One does not operate your device.	Try all of the codes listed for your brand of device in the "Setup Codes" section. If this does not work, try searching for your code (see "Searching for a Code" on Page 37). Make sure the device you are setting up can be operated with an infrared remote.
The 7-in-One is not performing commands properly.	Try all of the codes listed for your brand of device in the "Setup Codes" section. Many set-up codes may allow some degree of operation. However, only one set-up code will work correctly with your device.
You make a mistake when setting up your 7-in-One.	During any set up procedure, except for timed sequences, the **ESC** key will return you to the DEVICE and the TIME screen without saving any of the entered information. If you make a mistake when setting up a timed sequence, return to the timed sequence menu and delete the incorrect sequence.
VCR not recording.	As a safety feature on the 7-in-One, you must press the **REC** key twice to begin recording.
CH+/– (Channel Up/ Down) and **LAST** not working for your RCA TV.	Due to RCA design (1983-1987), only the original remote will operate these functions.

Problem	Solution
Problems changing channels.	If your original remote required an ENTER keystroke when changing channels, press the ENTER key on the 7-in-One after you enter the channel number.
The red light blinks when you press a key but you receive no response from your device.	Press the appropriate device key (**MAN**, **TUN**, **TV**, **CBL**, **CD**, **VCR**, **SAT**, **PLUG 'N POWER**) for the device you are trying to operate. Make sure you aim your 7-in-One at your device and that you are within 15 feet of the device before using your remote.
You can turn your audio component on and off and control its volume, but you cannot change preset channels.	Some audio components might need both a Tuner/Receiver code (see Page 29) and an Audio Amplifier code (see Page 32) to control all the features of your audio component.
Your satellite receiver does not respond to the codes listed in the manual.	The codes listed in this manual are set up to operate your satellite receiver on the 1st or 2nd addresses only. Make sure the satellite receiver you are setting up can be operated with an infrared remote.
The 7-in-One does not operate Bang & Olufsen audio equipment.	Some Bang & Olufsen and other manufacturers' equipment operates at frequencies higher than 100 kHz. The 7-in-One will not operate such devices.

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NOTES

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Limited Ninety-Day Warranty

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In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

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This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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