



## Models IRC 550\* / URC 550\* Universal Remote Control



## Programming and Operating Instructions

To have a clearer idea of the features and capabilities of your remote control, take a moment to read these instructions. Save for future reference.

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### 1. Introduction

Your IRC550 and URC550 universal remote controls are simple to program, easy to use, and can operate up to five (5) devices, which include:

<b>SAT</b>	Satellite receivers
<b>TV</b>	Televisions
<b>DVD</b>	DVD
<b>AUDIO</b>	Audio receivers, amplifiers, CD players
<b>AUX</b>	VCRs, 2 <sup>nd</sup> TV, 2 <sup>nd</sup> DVD, 2 <sup>nd</sup> Audio device

\* Model IRC550 transmits to each of the above electronic devices using an infrared (IR) signal. Model URC550 transmits both infrared (IR) and radio-frequency (RF) signals to your DSR receiver, but IR-only signals to all your other devices. The RF capability of the URC550 permits it to remotely operate a DSR receiver that's enclosed in a home-entertainment unit or located where an unobstructed line-of-site between the remote and DSR is not possible. Model URC550 is supplied with the premium-featured HD / DVR DSR500 series receivers.

The remote is ready to use with your Star Choice satellite receiver, but before you can use your remote control to operate the other devices listed above, it must first be programmed (set-up).

### 2. Before Getting Started

Some of the special features and buttons on your remote control are as follows:

#### Point and Press® Programming

Lets you program your TV, VCR, DVD, AUDIO devices without codes. For more information, see Sections 5 and 14.

#### Memory Guard®

Eliminates reprogramming after battery changes.

#### Time Out

If the same button is pressed and held for 30-

seconds, your remote control will turn itself off automatically. This extends the battery life should the remote become lodged under or between heavy objects, for example sofa cushions.

### 3. Installing. Replacing Batteries

Install two (2) new "AA" batteries as indicated by the diagram in the battery compartment.

When the batteries become low and need to be replaced, the [SAT] button will blink several times and the remote control will not transmit the function for the button that was pressed.

When this happens, simply replace the existing batteries with two (2) new "AA" batteries to restore normal operation to the remote control.

### 4. If You Have More Than One Satellite Receiver

Your remote control is set at the factory to control all of the functions on your Motorola satellite receiver. However, if you have more than one satellite receiver, you may want to prevent the remote control in one room from affecting the satellite receiver in another room. To prevent this kind of interference, you must "pair" each remote control with each receiver by assigning a new "address" to each combination. This "address" assignment is made using your remote control as follows:

1. Press the [SAT] button to select the remote control's SAT mode.
2. Press the [Options] button to display the Options screen on your TV.
3. On the Options screen, use the [▲], [▼], [◀], [▶] buttons to highlight the Change System Settings / System Setup option, then press [Enter].
4. On the Systems Setting / Setup screen, use the [▲], [▼], [◀], [▶] buttons to highlight the Change Installation Settings / System Settings (applies to DSR 5xx, 207, 317 receivers) option, then press [ENTER].

5. On the System Settings (applies to DSR 5xx, 207, 317 receivers) screen, use the [ $\blacktriangle$ ], [ $\blacktriangledown$ ], [ $\blacktriangleleft$ ], [ $\blacktriangleright$ ] buttons to highlight the Installation Settings option, then press [ENTER]
6. On the Installation Settings screen, use the [ $\blacktriangle$ ], [ $\blacktriangledown$ ], [ $\blacktriangleleft$ ], [ $\blacktriangleright$ ] buttons to highlight the Remote Control Address option, then press [ENTER]
7. **Once you are on the Remote Control Address screen, disregard the instructions on the screen and follow these steps using the remote control keypad....**
  - a. In this order, press and hold the [MUTE] button, then the [ENTER] button. Hold both buttons down together until the mode buttons illuminate in rotation (i.e. SAT  $\rightarrow$  TV  $\rightarrow$  DVD  $\rightarrow$  AUDIO  $\rightarrow$  AUX  $\rightarrow$  SAT...). Release both buttons as soon as the mode buttons illuminate.
  - b. Enter any one of the following addresses: [000], [001], [002], [003], [004], [005], [006], [007]. Entry of the 3-digit of each address stores the address automatically and causes the mode buttons to blink and go out.
  - c. Press the [ENTER] button to set the same address in your Satellite Receiver. The new address will be displayed in the upper right corner of your TV screen.
  - d. Exit from the Remote Control Address screen.

## 5. Programming Your TV, DVD, AUDIO Devices

### Code-Entry Programming

1. Turn on all the electronic devices (TV, DVD, AUDIO) you want to program the remote to operate.

Using the remote control keypad....

2. In this order, press and hold the [ENTER] button, then the [MUTE] button. Hold both buttons down together until the mode buttons illuminate in

- rotation (i.e. SAT  $\rightarrow$  TV  $\rightarrow$  DVD  $\rightarrow$  AUDIO  $\rightarrow$  AUX  $\rightarrow$  SAT...). Release both buttons as soon as the mode buttons illuminate.
3. a. To program your TV, locate the 3-digit code for your brand in the TV Setup Code list and enter it on the keypad of the remote control. Entry of the correct code will cause your TV to turn off. If multiple codes are listed for your brand, you may have to enter several different codes until your TV turns off.
  - b. As soon as you have entered a 3-digit code that turns your TV off, press [MUTE].
    1. If the TV turns back on, press [ENTER] to lock in the code. The mode buttons will blink 3-times and go out.

Or

    2. If the TV does not turn back on, enter a different 3-digit setup code until your TV turns back on. Then press [ENTER] to lock in the code. The mode buttons will blink 3-times and go out.
  4. To program your DVD, refer to the DVD Setup Code lists and repeat steps 2 and 3 above.
  5. To program your AUDIO devices, refer to the AUDIO Setup Code list and repeat steps 2 and 3 above.

### Point and Press® Programming

This method allows you to program your remote control without codes using the [ $\blacktriangle$ ] or [ $\blacktriangledown$ ] buttons ("Power" function during programming). For more information on this method as well as other buttons you can program your remote with, see Section 14.

1. Turn on all the electronic devices (TV, DVD, AUDIO) you want to program the remote to operate.

Using the remote control keypad....

2. In this order, press and hold the [ENTER] button, then the [MUTE] button. Hold both buttons down together until the mode buttons illuminate in

rotation (i.e. SAT  $\rightarrow$  TV  $\rightarrow$  DVD  $\rightarrow$  AUDIO  $\rightarrow$  AUX  $\rightarrow$  SAT...). Release both buttons as soon as the mode buttons illuminate.

3. Press [ $\blacktriangle$ ] one step at a time until one of your electronic devices turns off. Each time you press [ $\blacktriangle$ ] button, the mode buttons will illuminate in rotation. As soon as one device turns off, stop pressing the [ $\blacktriangle$ ] button.
4. Press [MUTE]. If the device that turned off...
  - a. Turns back on, press [ENTER] to lock in this code. The mode buttons will blink 3-times and go out.

Or

  - b. Does not turn back on, press [ $\blacktriangledown$ ] one step at a time until that device turns back on. Each time you press the [ $\blacktriangledown$ ] button, the mode buttons will illuminate once in reverse rotation (AUX  $\rightarrow$  AUDIO  $\rightarrow$  DVD  $\rightarrow$  TV  $\rightarrow$  SAT  $\rightarrow$  AUX).

Once you have found a code that turns the device on / off, press [ENTER] to lock in this code. The mode buttons will blink 3-times and go out.
5. Repeat steps 2 to 4 above for each of the remaining electronic devices you wish to program the remote to operate.

Note: Given the size of the code libraries in your remote control, it will take several minutes to cycle through all the codes when using the Point and Press Programming method.

## 6. Programming Your Auxiliary Device – VCR, 2<sup>nd</sup> TV, 2<sup>nd</sup> DVD, 2<sup>nd</sup> Audio Device

1. Turn on the electronic device (VCR, 2<sup>nd</sup> TV, 2<sup>nd</sup> DVD, 2<sup>nd</sup> AUDIO) you want to program as an AUXILIARY device.

Using the remote control keypad....

2. In this order, press and hold the [ENTER] button, then the [MUTE] button. Hold both buttons down together until the mode buttons illuminate in rotation (i.e. SAT → TV → DVD → AUDIO → AUX → SAT...). Release both buttons as soon as the mode buttons illuminate.
3. Press [ENTER] again.
4. Follow the Code Entry Programming (paragraph 3) or Point and Press Programming® (paragraphs 3 & 4) areas of Section 5 to program your AUX device.

## 7. Programming Your TV / VCR Combination

1. Turn on your TV / VCR combination device and set it to its TV mode.
2. Program your remote to operate the TV functions. Using the Code Entry Programming method described in Section 5, find a TV Setup Code that operates the TV functions (Power, Vol  $\Delta/\nabla$ , Mute, Ch  $\Delta/\nabla$ , 0-9) of your TV / VCR unit.
3. Set your combination device to its VCR mode and install a VHS tape.
4. Program your remote to operate the VCR functions. Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit VCR Setup Code for your brand until a code is found that operates the transport functions (PLAY, STOP, REW, FWD, PAUSE, REC) of your TV / VCR unit.

Before you can test for the correct VCR setup code, you must first press the [VCR] button first to put the remote in its VCR mode.

## 8. Programming Your TV / DVD or TV / VCR / DVD Combination

1. Turn on your TV / DVD combination device and set it to its TV mode.
2. Program your remote to operate the TV functions. Using the Code Entry Programming method

described in Section 5, find a TV Setup Code that operates the TV functions (Power, Vol  $\Delta/\nabla$ , Mute, Ch  $\Delta/\nabla$ , 0-9) of your TV / DVD unit.

3. Set your combination device to its DVD mode and install a DVD.
4. Program your remote to operate the DVD functions. Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit DVD Setup Code for your brand until a code is found that operates the transport functions (PLAY, STOP, REW, FWD, PAUSE, REC) of your TV / DVD unit. Before you can test for the correct DVD setup code, you must first press the [DVD] button to put the remote in its DVD mode.
5. Last, if you have a TV / VCR / DVD combination unit, you need to program your remote to operate the VCR functions.
6. Set your combination device to its VCR mode and install a VHS tape.
7. Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit VCR Setup Code for your brand until a code is found that operates the VCR transport functions (PLAY, STOP, REW, FWD, PAUSE, REC) of your TV / DVD / VCR unit.

Before you can test for the correct VCR setup code, you must first press the [VCR] button first to put the remote in its VCR mode.

## 9. Code Number Readback

To identify the 3-digit TV setup codes stored under the Point and Press® programming method, follow these steps using the remote control keypad...

1. In this order, press and hold the [ENTER] button, then the [TV] button. Hold both buttons down together until the [TV] button illuminates. Release both buttons as soon as the [TV] button illuminates.

2. Press [INFO]. The mode buttons will "blink back" the code numbers, with a 1-second interval between each digit of the code. Please note that for the numeric "0", the mode buttons will illuminate blink in fast-sequence.

Example: For code "130", the remote will blink 1 time, then 3 times, then in a fast-sequence for the 0.

To identify the 3-digit SAT code, press [ENTER], then [SAT] as defined in step 1 above, then press [INFO].

To identify the 3-digit DVD code, press [ENTER], then [DVD] as defined in step 1 above, then press [INFO].

To identify the 3-digit AUDIO code, press [ENTER], then [AUDIO] as defined in step 1 above, then press [INFO].

To identify the 3-digit AUX code, press [ENTER], then [AUX] as defined in step 1 above, then press [INFO].

## 10. Master Power

Your remote has a Master Power feature that can be programmed so that a single press of the [POWER] button (in remote's SAT mode) can turn all of your electronic devices on / off together.

To program the Master Power feature, follow these steps using the remote control keypad:

1. In this order, press and hold the [ENTER] button, then the [POWER] button. Hold both buttons down together until the [SAT] button illuminates. Release both buttons as soon as the [SAT] button illuminates.
2. Press [1]. The [SAT] button will blink 3-times and go out.

To use the Master Power feature, follow these steps:

1. Press [SAT] to select the remote's SAT mode.

2. Press [POWER] – the remote will turn on / off your SAT, TV, DVD, AUDIO and AUX devices with one button press.

To reset the Master Power feature to its default setting, follow these steps using the remote control keypad:

1. In this order, press and hold the [ENTER] button, then the [POWER] button. Hold both buttons down together until the [SAT] button illuminates. Release both buttons as soon as the [SAT] button illuminates.
2. Press [0]. The [SAT] button will blink 3-times and go out.

### 11. Programming Volume Control

When you first program your remote, volume / mute are controlled through your TV (except AUDIO which defaults to the AUDIO device). The volume control options in each mode of the remote are:

Mode	Volume Control Default	Volume Control Options
SAT	TV (#1)	SAT AUDIO AUX (2 <sup>nd</sup> TV / Rec / Amp)
TV	TV (# 1)	SAT AUDIO AUX (2 <sup>nd</sup> TV / Rec / Amp)
DVD	TV (# 1)	SAT AUDIO AUX (2 <sup>nd</sup> TV / Rec / Amp)
AUDIO - Rec / Amp	Rec /Amp	SAT TV AUX (2 <sup>nd</sup> Rec / Amp)
AUDIO - CD	TV (# 1)	SAT TV AUX (2 <sup>nd</sup> Rec / Amp)
AUX – VCR	TV (# 1)	SAT AUDIO (Rec / Amp)
AUX - TV # 2	TV (# 2)	SAT

Mode	Volume Control Default	Volume Control Options
		AUDIO (Rec / Amp)
AUX - DVD # 2	TV (# 1)	SAT, AUDIO (Rec / Amp)
AUX - Rec # 2	Rec / Amp # 2	SAT, TV
AUX - CD #2	CD # 2	SAT , TV

To control volume / mute through your Satellite receiver in the remote's Satellite mode...

1. In this order, press and hold the [ENTER] button, then the [SAT] button. Hold both buttons down together until the [SAT] button illuminates. Release both buttons as soon as the [SAT] button illuminates.
2. Press [VOL ▲], then [SAT] for Satellite volume. The [SAT] button will blink 3-times and go out.

To return volume control to your TV, repeat step 1, then press [VOL ▲], then [TV] in step 2.

To return volume control to your TV, repeat step 1, then press [VOL ▲], then [TV] in step 2.

### 12. Operating Your Satellite Receiver

To operate your Satellite receiver, press [SAT] to select the Satellite mode. Then refer to Section 15 for the operation of your Satellite receiver.

### 13. Operating Your Electronic Devices

To operate your other electronic devices, press the mode button for the device you wish to operate, then refer to the table below for the available buttons / functions in each mode:

Button Label	TV Mode	DVD Mode	AUDIO Mode	AUX Mode (VCR)
Power	Power	Power	Power	Power
Vol ▼/▲	Vol ▼/▲	Vol ▼/▲ (TV)	Vol ▼/▲	Vol ▼/▲ (TV)

Button Label	TV Mode	DVD Mode	AUDIO Mode	AUX Mode (VCR)
Mute	Mute	Mute (TV)	Mute	Mute (TV)
Ch ▼/▲	Ch ▼/▲		-	Ch ▼/▲
0 – 9	0 - 9		-	0 - 9
Last	Last Ch		-	-
Enter / OK	Enter (in Menu)		-	-
Video Source	TV Input		-	TV / VCR
Options	Menu		-	-
▲,▼,◀,▶	▲,▼,◀,▶		-	-
Guide	Enter (after Ch entry)		-	-
[ ▶ ]	-	Play	Play – CD	Play
[ ■ ]	-	Stop	Stop - CD	Stop
[ ▶▶ ]	-	FF	FF – CD	FF
[ ◀◀ ]	-	Rew	Rew – CD	Rew
[ II ]	-	Pause	Pause-CD	Pause
[ ● ]	-	Rec	Rec - CD	Rec

### 14. Additional Programming Information

1. The mode buttons will illuminate in rotation (i.e. SAT → TV → DVD → AUDIO → AUX → SAT...) while the remote is in a programming mode. In the absence of a keypress entry, the mode buttons will stop illuminating after 30 seconds and the remote will exit the programming mode.
2. The Point and Press® (Auto-Scan) Programming method allows you to program your remote control without using codes. Instead, the remote control automatically finds the correct setup code using certain buttons / commands that you select. Once you have found a setup codes that that operates your device, you then lock it in.
3. When using the Point and Press® Programming Method, there are several important points to remember:
  - The order in which you program your electronic devices is not important.

- There may be several codes that turn your electronic devices on / off (or perform other functions).
  - While the remote is searching for the correct setup code(s) for your electronic devices, it is possible that other (previously programmed) devices may turn on / off (or perform other functions). If this occurs, continue pressing the **[▲]** or **[▼]** buttons (or the buttons described in this section until you find the correct code for the device you are programming.
  - It may take several minutes for the remote to find the correct code that turns your device on / off (or performs another selected function). During this time, the mode buttons will illuminate in rotation (i.e. SAT → TV → DVD → AUDIO → AUX → SAT...).
  - Once you lock-in a code, be sure to check the available functions for that device (i.e. TV - Vol **▲/▼**, Mute, TV Input (TV / VCR button), Ch **▲/▼**, 0-9; VCR - Play, Stop, Rew...; DVD - Play, Stop, Rew...; AUDIO - Vol **▲/▼**, Mute) to see if they are operating.
4. When programming the remote control using the **[▲]** or **[▼]** buttons (Power function) under the Point and Press® Programming method, you may find a code that turns a device off but not back on. If this happens...
- The correct code has not been found as you may have a code that operates some but not all of the functions of your device. Continue pressing **[▲]** until your device turns back on.
- OR
- You may have gone past the correct matching code. Try pressing **[▼]** one press at a time until you find a code that turns your device back on.
5. When using the Point and Press® Programming method, you can also program your remote using the following buttons:

- [VOL **▲**] – to “go forward” through the codes using the “VOL **▲**” function on your devices.
- [VOL **▼**] – to “go back” through the codes using the “VOL **▼**” function on your devices.
- Note: When you find the correct code, the volume of the device being programmed will increase or decrease.
- [CH **▲**] - to “go forward” through the codes using the “CH **▲**” function on your devices.
- [CH **▼**] - to “go back” through the codes using the “CH **▼**” function on your devices.
- Note: When you find the correct code, the channel of the device being programmed will increase or decrease.
- [►►] - to “go forward” through the codes using the “Fast Forward” function on your devices.
- [◀◀] - to “go back” through the codes using the “Rewind” function on your devices.

Note: When you find the correct code, the fast-forward or rewind function of the device being programmed will be performed. To simplify programming using these buttons, insert a VHS tape or DVD in the device being programmed.

**Warning: Changes or modifications to this remote control not expressly approved for by Contec Holdings could void the user's authority to operate this equipment.**

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### TV Setup Codes

Admiral	026	054	211	213
Advent	072	094	425	447
Adventura	047			
Aiwa	214	471		
Akai	053	462	473	
Amark	023	215		
Amstrad	157			
Anam	217	218	219	220
	222	223		
AOC	053	073	095	108
APEX	030	038	427	
<b>Astar</b>	<b>462</b>			
Audiovox	220	191	168	051
	465			
Belcor	073			
Bell & Howell	211	213		
Broksonic	165	167		
Brokwood	073			
Candle	068	091		
Centurion	095	107	108	
Citizen	068	091	211	213
Concerto	073	095		
Contec	147			
Coronado	023			
Craig	223			
Crown	023			
Curtis Mathes	016	054	107	108
	213			
Daewoo	051	068	073	095
	159	189	191	194
	197	198	200	202
	205	206	207	209
Daytron	073	095	107	108
Dell	448	094	072	463
Dumont	073			
Electro Home	073	095		
Elektra	353			
Emerson	016	023	053	064
	139	158	159	164
	166	167	168	169
	400	401	402	408
	400	401	402	408
Envision	073	095		
ESA	454	456		
Fisher	355	356		
Funai	047	048	157	168
Fujitsu	460	469		
Gateway	426			

GE	015 018 042 044 049 054 055 068 073 090 095 101 102 103 389 390 396 403 406 407 092	107 109 110 216 384 394 395 398 399 417 108 Montgomery Ward	022 023 026 053 071 072 108 211 213 028 068 090 108 200 464 426	Sony Soundesign Squareview Superscan Supre-Macy Sylvania	014 020 021 178 091 157 419 380 068 071 072 090 091 093 107 108 157 158 419 092 456 466
Gibalta	023 048 053 068 073 090 095 107 108 233 360	NEC	455 472 019 159 160 161 162 163 382 Panasonic	042 043 044 045 046 429	Symphonic Tatung Techwood Teknika
Goldstar (LG)	023 053 068 073 090 107 108 233 360 361	Norcent Orion	023 053 068 071 072 091 463	023 068 071 072 073 089 090 091 092 093 094 134 385 387 397 404 419 463 472	Telerent Tera Tevion TMK Toshiba Totevision Universal Vidtech ViewSonic Vizio Wards White Westinghouse X30SVNAGAIII
Gradiente	104	Philco	073 094 233	068 102	
Grundig	233	Magnavox (Philips)	111 144 383	068	
Go Video	443	Pilot	474	428	
Hall Mark	073 095	Pioneer	384 394	095 454	
Hitachi	023 068 095 096 097 098 099 100	Planar	023 068	068 090	
Hyundai	453	Polaroid	055 070	030 031 038 039 423	
Inkel	364	Portland	072	233	
Insignia	450 461 456	ProScan	090 371 372	213 463	
JC Penney	039 053 068 073 092 095 102 355	Prima	457 467	023 213	
Jensen	062	Protron	459	381	
JVC	104 105 106 396 397 410	Proview	073	065 414	
Kawasho	073 095	Pulsar	044	068	
KMC	023	Quasar	073	090 108	
KTV	023 053 233 366	Radio Shack	022 166 168	047 048 049 050 051	
Konka	445 168	Realistic	042 052 053 054 055	391 405 406 434	
<b>Kosch</b>	<b>462</b>	RCA	069 070 416 068		
Kurazai	211 213	Sampo	090 108	<b>VCR Setup Codes</b>	
LG (Goldstar)	023 053 068 073 090 107 108 233 360 361	Samsung	015 016 017 023 031 090 107 108 134 147 151 153 386 411	Admiral Aiwa Akai	
Lodgenet	211 213	Sansui	423 424	066 075	
Logik	211 213	Sanyo	353 355 356 376 377	132	
Luxman	068 073 095	Scott	090 108 168	269 275 336 351 352	
LXI	024 026 157 345 355 388	Sceptre	468	354	
<b>Mag</b>	<b>459</b>	Sears	023 031 038 039 068 353 355 356 030	243 291	
Magnavox (Philips)	023 068 071 072 073 089 090 091 092 093 094 134 385 387 397 404 419 463 472	Sharp	016 022 023 024 025 026 027 028 029 393 395 409	Bell & Howell Broksonic Canon Citizen Colortyme Craig Curtis Mathes Daewoo	
Majestic	211 213	Signature 2000	023 026 108 211 213	238 357	
Marantz	053 107 108 109			333 337 358 359	
Megatron	215			086 362	
Memorex	090 211 213 355 388 405 423			033 172 247 331	
Mintek	470			291	
MGA / Mitsubishi	053 068 073 090 095			172 363	
				086 112 247 291	
				033 343 344 345 346	
				347 342	

Daytron	345 365	Realistic	173 174 086	Gradiente	212 234
DBX	243 291	Samsung	066 132 238 363	Harmon Kardon	256 259
Dynatech	132	Sansui	269 271 275 276 278	Hitachi	149
Emerson	033 086 132 326 327	Sanyo	120 367 379	JVC	177 179
	331 332 333 334 335	Scott	238 346 357 363	JVC-RM-SDR013J	475 476 477 478
	336 337 338 339 340	Sears	033 332 367	Kenwood	228
	341 342	Sharp	035 078 238 331 363	KLH	248 252
Fisher	035 081 357 363 238	Shintom	066 075	LG (Goldstar)	129 133 135 179 260
Funai	132	Signature 2000	367	Liteon	499 500
GE	086 172 174 170	Sony	066 170 173 373	Magnavox	/ 138 143 146 484
Go Video	348 349 350 331	Soundesign	056 058 060	Philips	
Goldstar (LG)	247 331	Sylvania	132	Marantz	270
Harman Kardon	291		086 132 141 183 184	Mintek	432
Hitachi	078 132		322 324 420	Mitsubishi	181 185
Instant Replay	086	Symphonic	132	Multimedia	482
JC Penney	078 086 172 238 291	Tandy	132 238	Gateway	
JCL	086	Tashiko	331	NAD	246
JVC	120 128 243 247 250	Tatung	243	Onkyo	085 244
	253 238	Teac	132 243	Panasonic	115 118 121 124 431
Kenwood	120 132 238 243 247	Technics	086	Philips	/ 138 143 146 484
LG (Goldstar)	247 331	Teknika	132 331 359	Magnavox	
Lloyd	132	Thomas	132	Pioneer	125 187 188
Logik	367	TMK	338	Polaroid	497
LXI	132 331	Toshiba	033 035 078 081	Proceed	236
Magnavox (Philips)	086 132 183	Totevision	172 331	Protron	DVD- 488
Marantz	086 172 183 238 247	Unitech	172	Video	
	291	Vector Research	291	Replay TV	422
Marta	331	Video Concepts	132 291	Samsung	192 224 225 487 493
Matsui	368	Wards	066 132 172 247 331	Sharp	034 076 077 079
Memorex	132 238 331 363 369	XR-1000	367	Sony	040 059 061 436 479
	370	Yamaha	132 243 291 238		480 481
Mitsubishi	255 258	Zenith	058 120 122 128 132	Sylvania	421 484
MTC	132 172		435	Thomson	156 237
Montgomery Ward	066 170 173 373			TiVo	418
Multi Tech	132 172 367			Toshiba	082 085 087 113
NEC	120 238 243 291 374			Yamaha	121 124 210
	375			Yamakawa	485
Orion	322 326 327 328 329			Zenith	129 133 135 483
	330	Aiwa	495		
Panasonic	112 117 430 086	Apex Digital	193 227 489		
Pentax	078	Axion	491		
Philco	086 132 183	B144	146		
Philips (Magnavox)	086 132 183	Cyberhome	490 496 498		
Pioneer	078 120 263	Daewoo	494		
Portland	345	Denon	201 203		
ProScan	170 174	DVD-Video	199 484		
Quartz	238 378	ECA	156		
Quasar	112	GE	150 152 156 175		
RCA	078 132 141 170 172	Goldstar (LG)	129 133 135 179 260		
		Go-Video	129 486	ADC	318
				Akai	249 261

#### DVD Setup Codes

#### Audio Setup Codes

#### CD Players

Aiwa	176	Fosgate Audionics	305
Carver	176 155	Goldstar (LG)	036
Crown	154	Harman Kardon	130 257 305 306
Denon	273	Hitachi	240
Fisher	230 274	Jensen	140
Goldstar (LG)	308	JVC	114 241
Harman Kardon	315	Kenwood	063 277 444
JVC	297	LG (Goldstar)	036
Kenwood	131 176 274 289 299	Luxman	281
Krol	176	Magnavox	080 463
LG (Goldstar)	308	Marantz	282 283 284 285
Magnavox (Philips)	037 084 119 296	NAD	286
Mission	176	Onkyo	126 171 304
Mitsubishi	245 249	Optimus	142 229 321
NAD	182 231 290	Panasonic	032 074 438 441
Nakamichi	264 319	Parasound	323
NEC	235	Philips (Magnavox)	080
NSM	176	Pioneer	123 137 251 298
Onkyo	300	Quasar	032
Panasonic	184 266 437	Radio Shack	229 267
Philips (Magnavox)	037 084 119 296 433	RCA	439
Pioneer	116 127	Realistic	226 268
Quasar	184	Rotel	310
Radio Shack	186 190 266 279 289	Samsung	DVD / 492
RCA	295 037 119	Reciever	
Sanyo	230 309	Sansui	283
SAE	176	Sanyo	195
Scott	186	Scientific Atlanta	312
Sharp	288 289	Scott	272
Sony	067 292 293	Sharp	294
Soundesign	148 242 311 320	Sherwood	229 267
STS	318	Sony	041 057 232 287 442
Sylvania	084	Soundesign	083 088 239 265
Teac	186	SSI	313
Technics	184 208 317	Taekwang	142
Toshiba	290	Teac	314 316
Yamaha	280	Technics	032
		Wards	063
		Victor	114 241
		Yamaha	145 254 303
		Zenith	036 083 088 239 265

#### **Receivers / Amplifiers**

Adcom	325
Aiwa	301
Akai	142
Bose	302 440
Carver	155 180
Denon	262 307
Everquest	136
Fisher	063 180

## 15. Using Your IRC 550 / URC 550 Remote Control

