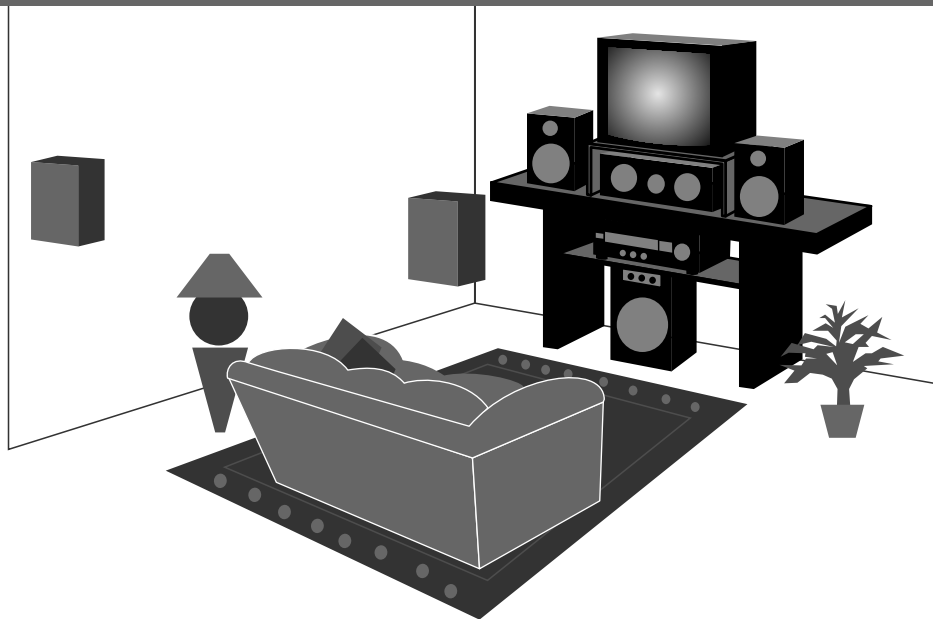




just add your TV and VCR

home theater

SURROUND SOUND SYSTEM



YHT-15
QUICK-CONNECT GUIDE

INTRODUCTION

Yamaha developed the YHT-15 A/V Home Theater package to turn your home into a theater. In addition to enhancing the sound of a video source, like your TV or VCR, the YHT-15 also superbly reproduces audio sources, such as a CD player or a cassette deck.

This Quick-Connect Guide will help you get started. Study the speaker system plan (below), and then use the interconnect diagrams (on the following pages) to connect the receiver and speakers to your system.

For the video portion, you will need a hi-fi stereo VCR or laser disc player and a television or monitor. Refer to the *Yamaha R-V503 Owner's Manual*, as well as those that came with your other components, for complete instructions and cautions. Be sure to turn off all power while making connections.

Save this Quick-Connect Guide for future reference.

NOTE: Label the end of each speaker wire (i.e., left rear, right front, etc.) before connecting them to the A/V receiver. For wire runs over 30 feet, use larger 18- or 16-gauge speaker wire.

TOOLS AND PARTS

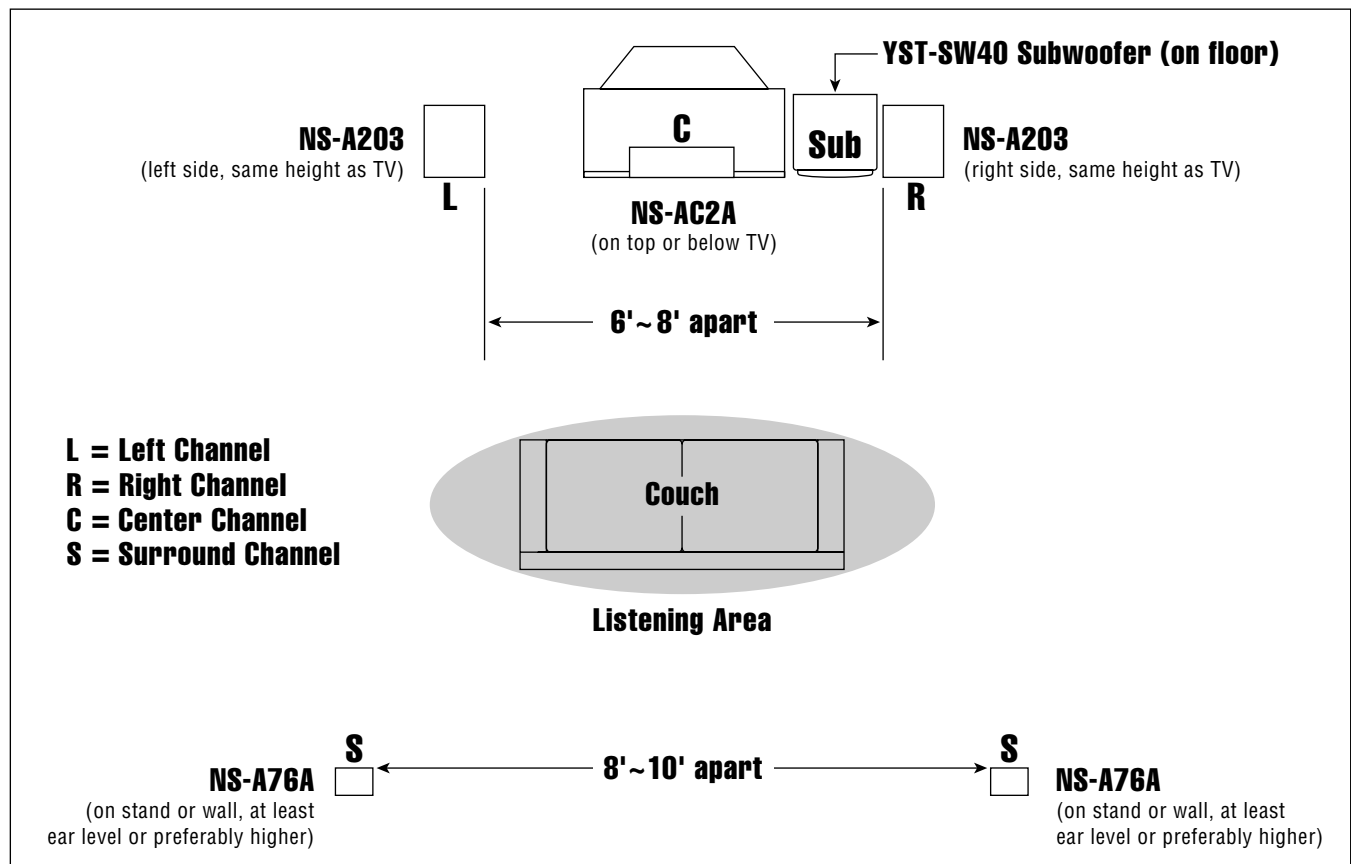
The YHT-15 Home Theater package consists of (1) R-V503 A/V receiver with (1) RAV141 remote control, (2) 2-way NS-A203 front-channel speakers and 16' of speaker wire, (1) NS-AP101 package containing (1) NS-AC2A 2-way center-channel speaker and (2) NS-A76A surround speakers with brackets and 72' of speaker wire, (1) YST-SW40 Powered Subwoofer, and related owner's manuals. You will also need:

- Wire strippers (optional)

- Velcro (for secure fastening of NS-AC2A on TV)
- Toggle bolts, molly anchor screws, or sheet metal screws (for securing NS-A76A speakers to walls)

NOTE: If you are unsure of how to securely and safely fasten speakers to a wall, please contact a reliable source about the best type of hanger for your particular wall's construction. Secure installation is the purchaser's responsibility.

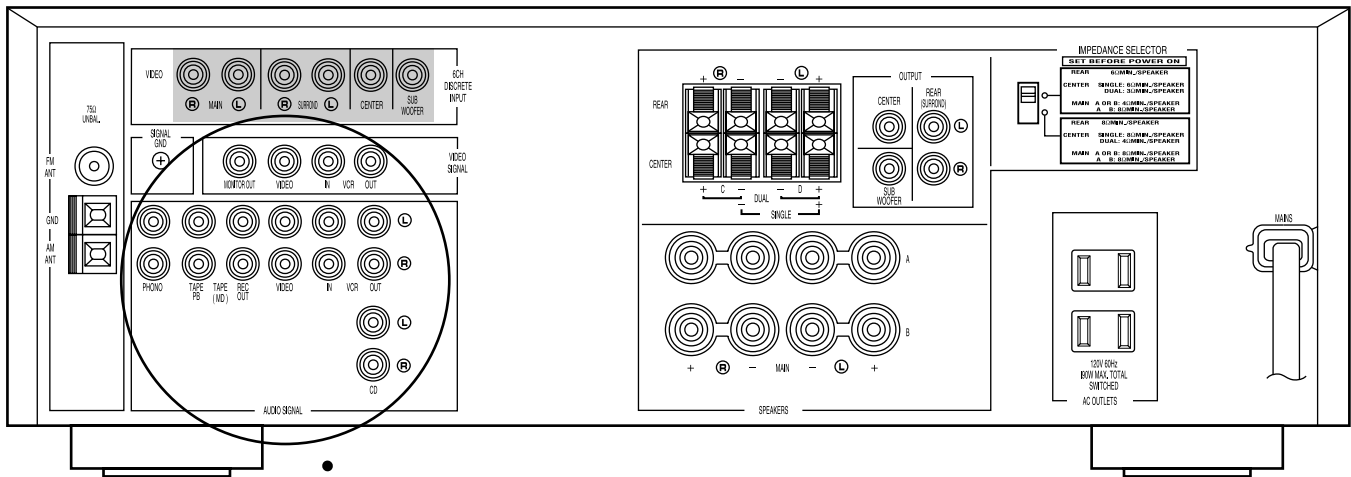
SPEAKER SYSTEM PLAN



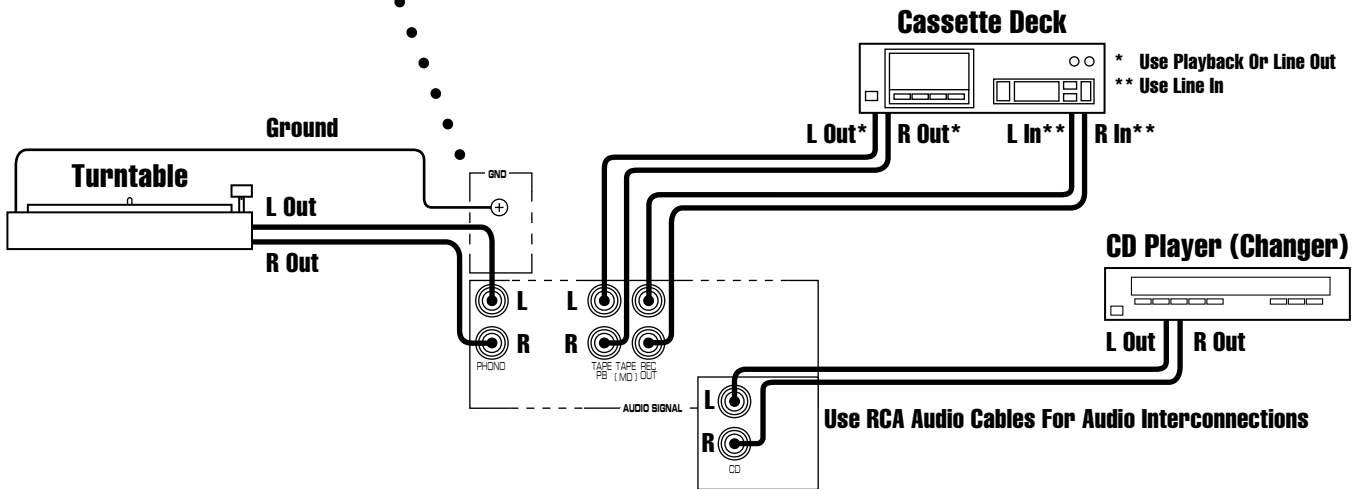
YAMAHA **YHT-15 QUICK-CONNECT GUIDE**

CONNECTING AUDIO COMPONENTS

Yamaha R-V503 Receiver (Rear Panel)

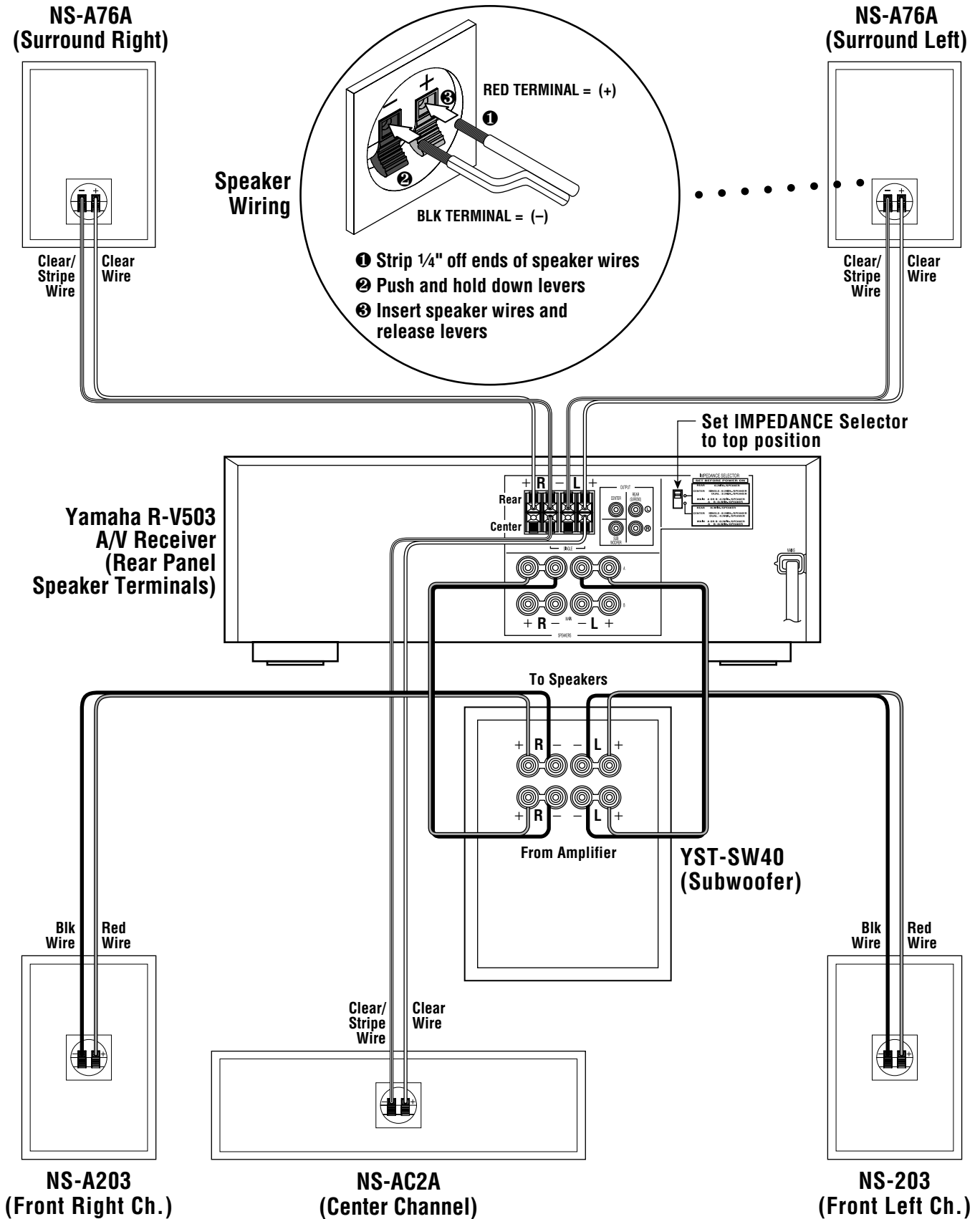


NOTE: For your convenience, the Yamaha R-V503 receiver is equipped with two switched AC outlets (100 W max.). If desired, use them to power on connected components (e.g., CD player or turntable) each time the receiver is turned on. However, do not use them for components equipped with clocks (e.g., VCR).



RCA Cable Color Codes
 Yellow = Video
 White = Left Audio
 Red = Right Audio

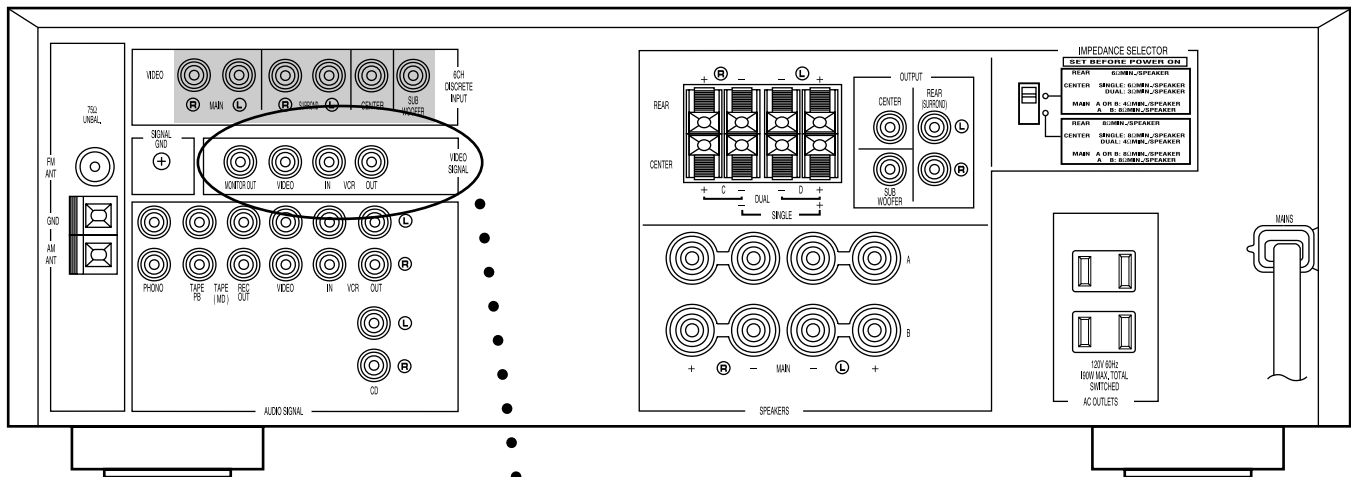
CONNECTING THE YHT-15 SPEAKERS



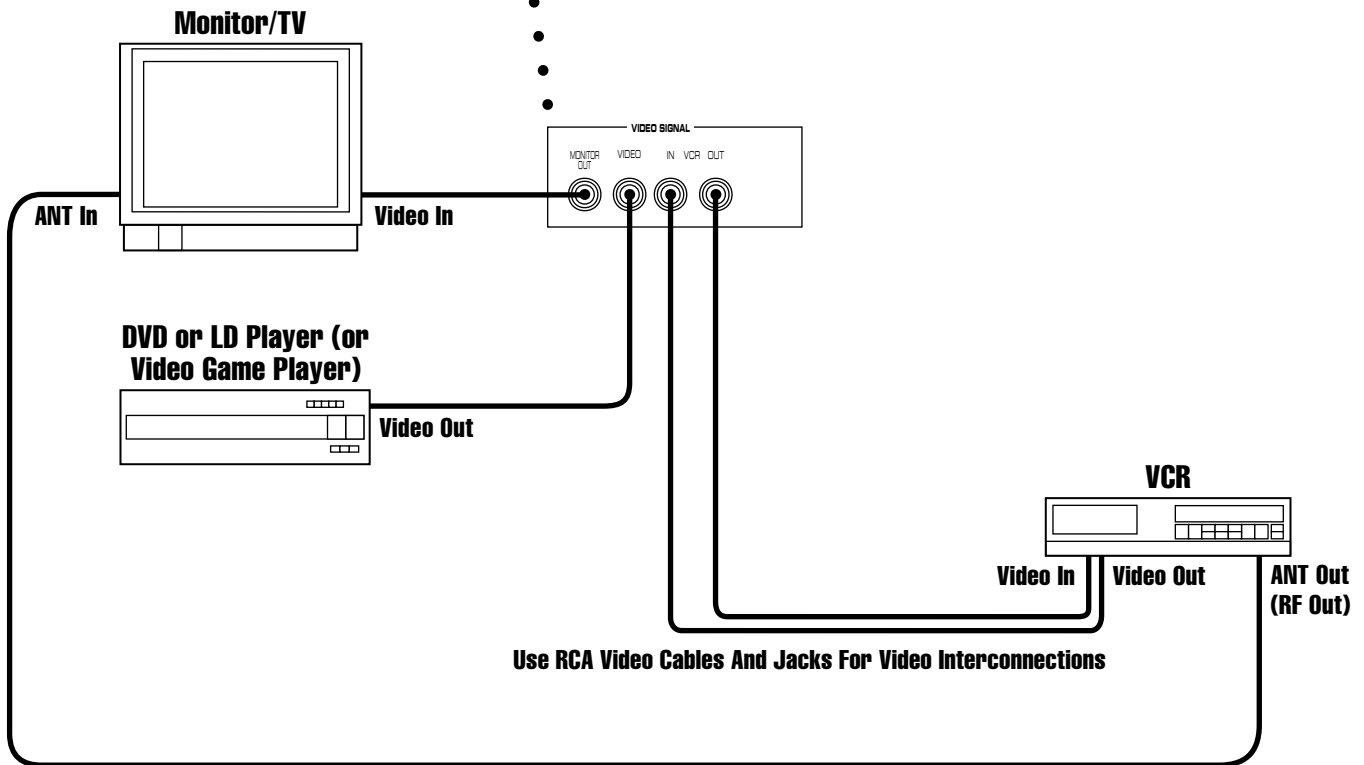
YAMAHA **YHT-15 QUICK-CONNECT GUIDE**

CONNECTING VIDEO CABLES FOR VIDEO COMPONENTS

Yamaha R-V503 Receiver Rear Panel



NOTE: When using a hi-fi stereo VCR, set the Tuner/Line switch (on the VCR) to Line position to record from another source connected to the Yamaha R-V503 receiver.



Optional 75-ohm Coaxial Cable

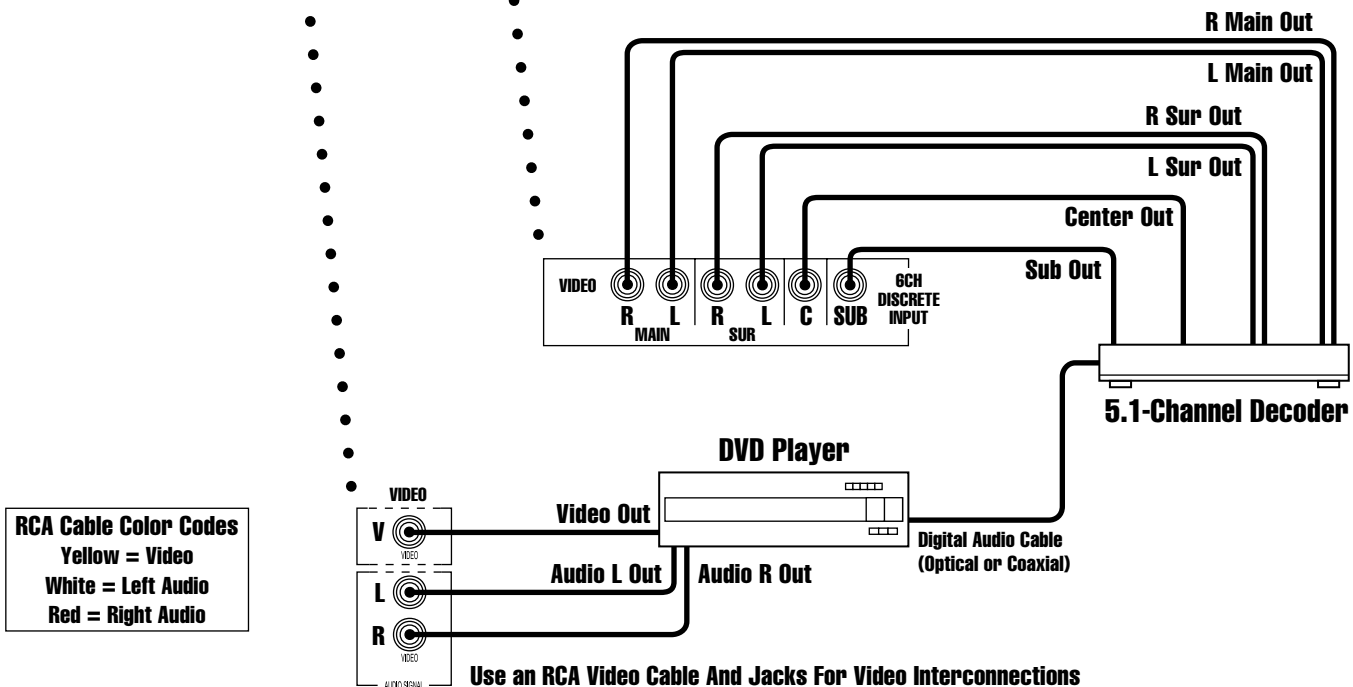
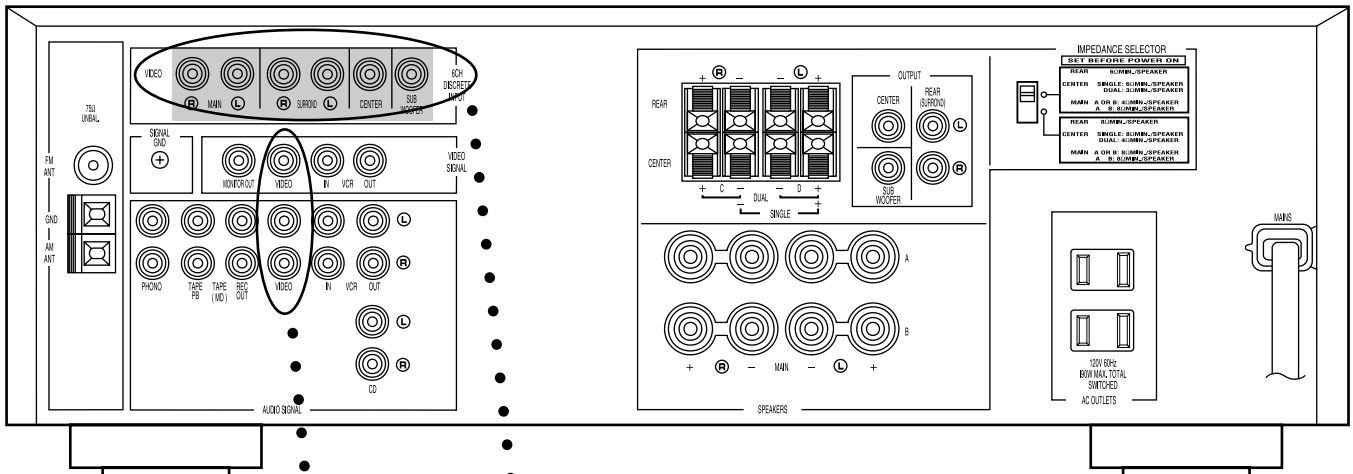
RCA Cable Color Codes
 Yellow = Video
 White = Left Audio
 Red = Right Audio

CONNECTING A 5.1-CHANNEL DECODER

If you own a 5.1-channel decoder (or a unit which incorporates a 5.1-channel decoder), you can connect its discrete outputs to the R-V503 as shown below.

- To hear playback of a stereo or mono audio source or one encoded with Dolby Pro Logic Surround*, connect the unit (e.g., DVD player) to the DVD/LD (or TV/DBS) AUDIO SIGNAL input terminals.
- If your audio system does not include a subwoofer (i.e., SUBWOOFER input terminals are not used), set signal routing on the 5.1-Channel Decoder so that the LFE channel feeds both LEFT and RIGHT MAIN output terminals. For details, refer to the owner's manual for your 5.1-Channel Decoder unit.

Yamaha R-V503 Receiver Rear Panel

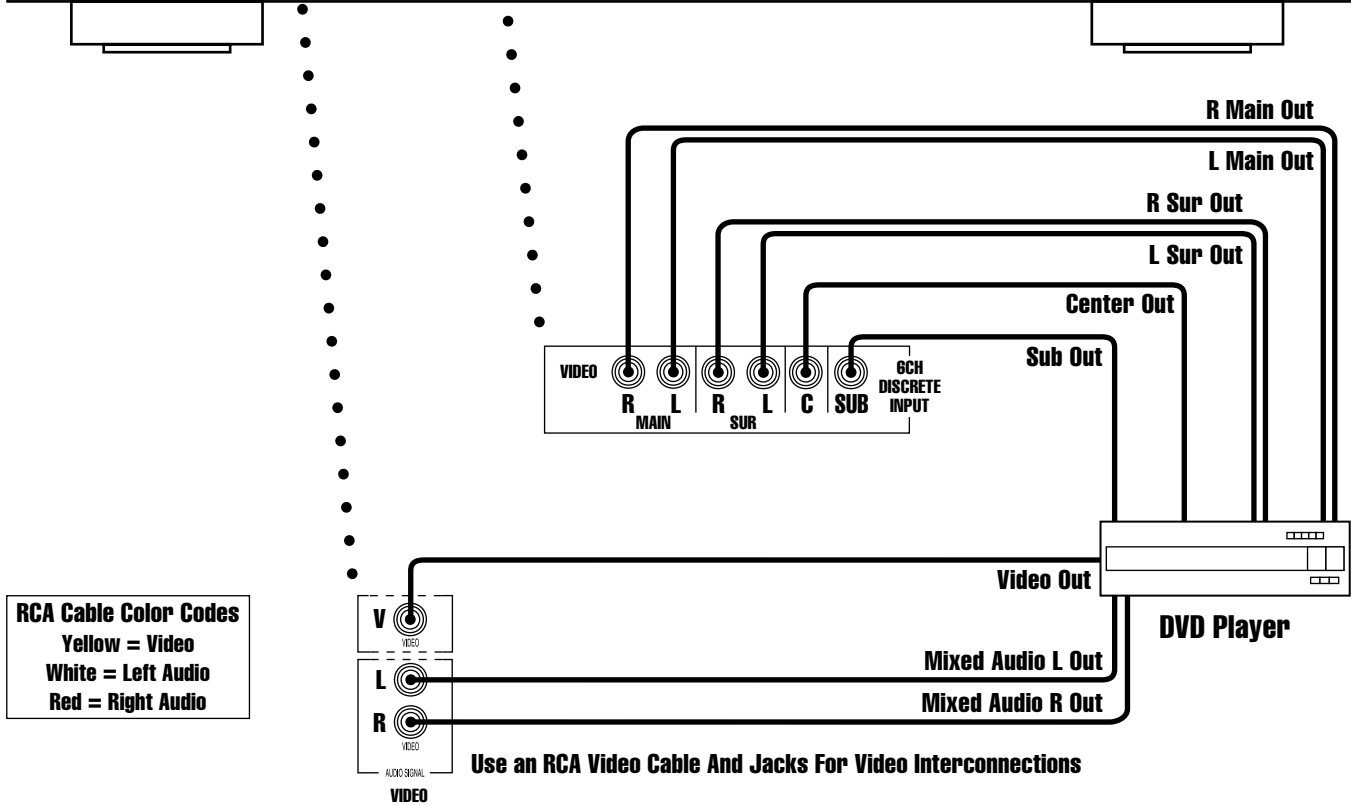
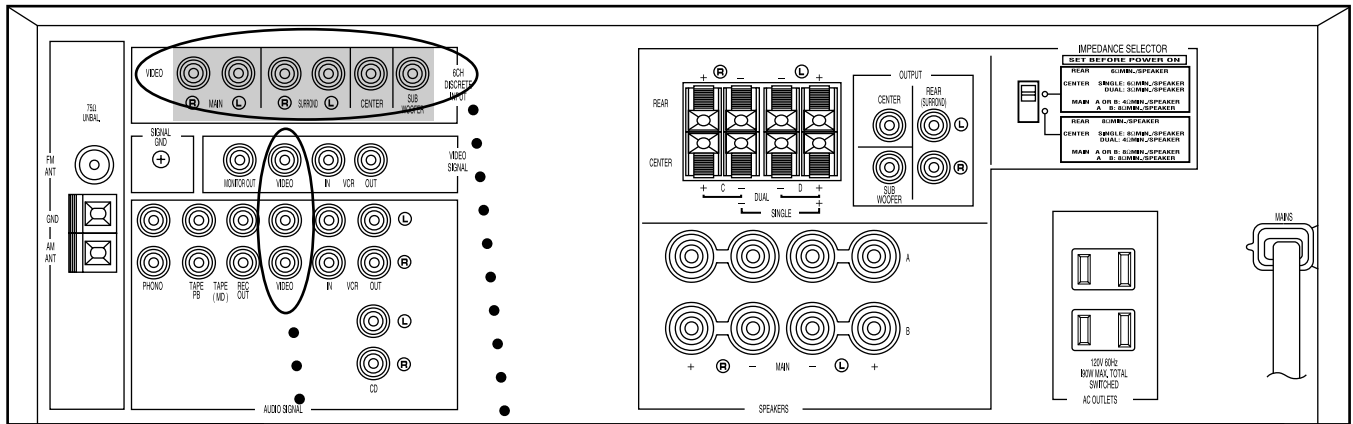


*Dolby Pro Logic Surround is a trademark of Dolby Laboratories Licensing Corp.

YAMAHA **YHT-15 QUICK-CONNECT GUIDE**

CONNECTING A DVD PLAYER WITH BUILT-IN DOLBY DIGITAL (AC-3)* DECODER

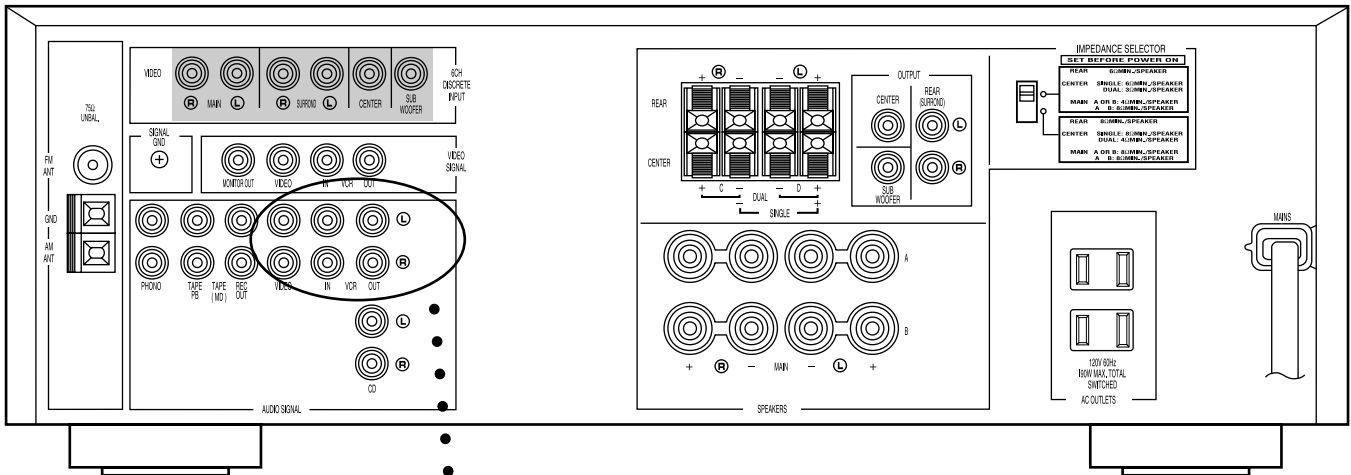
Yamaha R-V503 Receiver Rear Panel



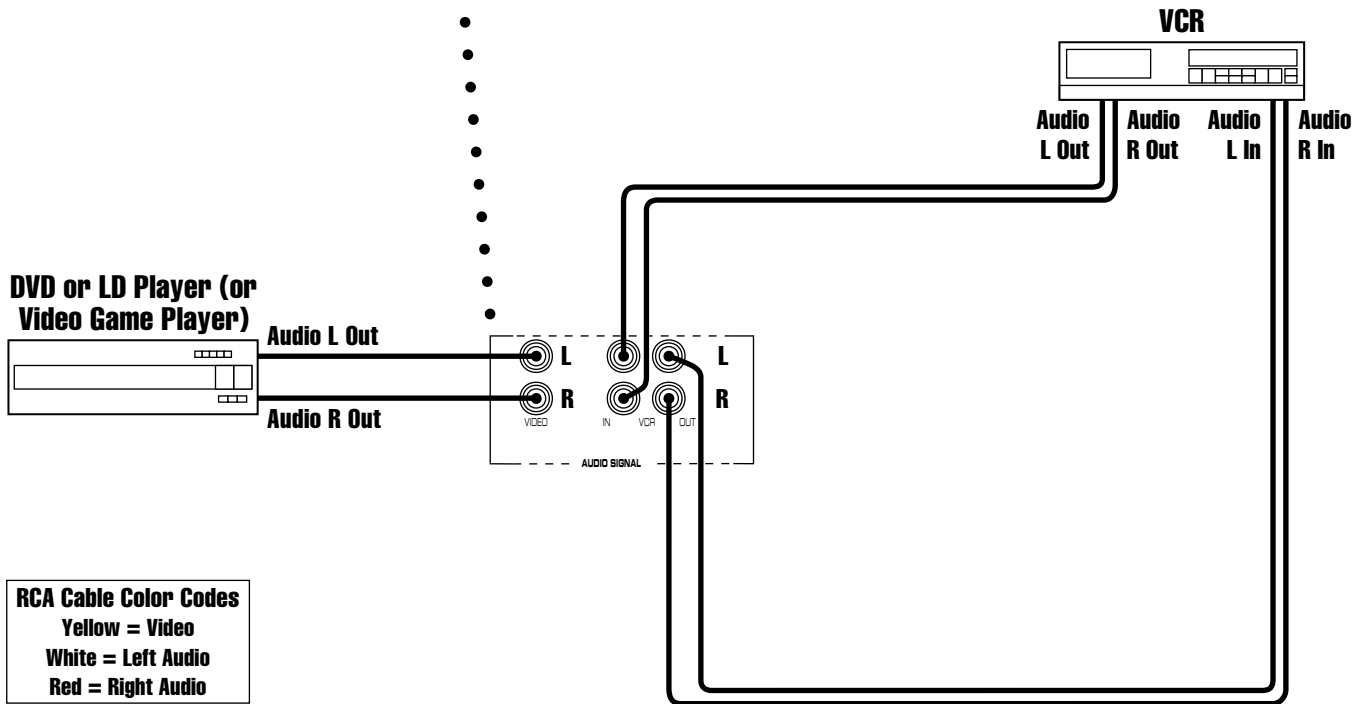
*Dolby Digital and AC-3 are trademarks of Dolby Laboratories Licensing Corp.

CONNECTING AUDIO CABLES FOR VIDEO COMPONENTS

Yamaha R-V503 Receiver (Rear Panel)



NOTE: When using a hi-fi stereo VCR, set the Tuner/Line switch (on the VCR) to Line position to record from another source connected to the Yamaha R-V503 receiver.



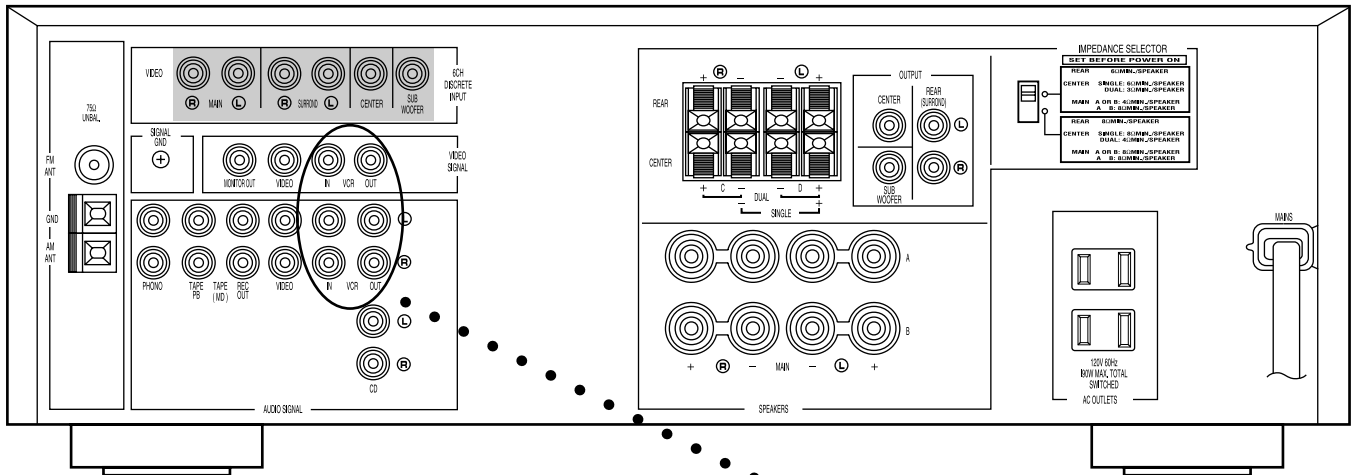
RCA Cable Color Codes
 Yellow = Video
 White = Left Audio
 Red = Right Audio

Use RCA Audio Cables And Jacks For Audio Interconnections

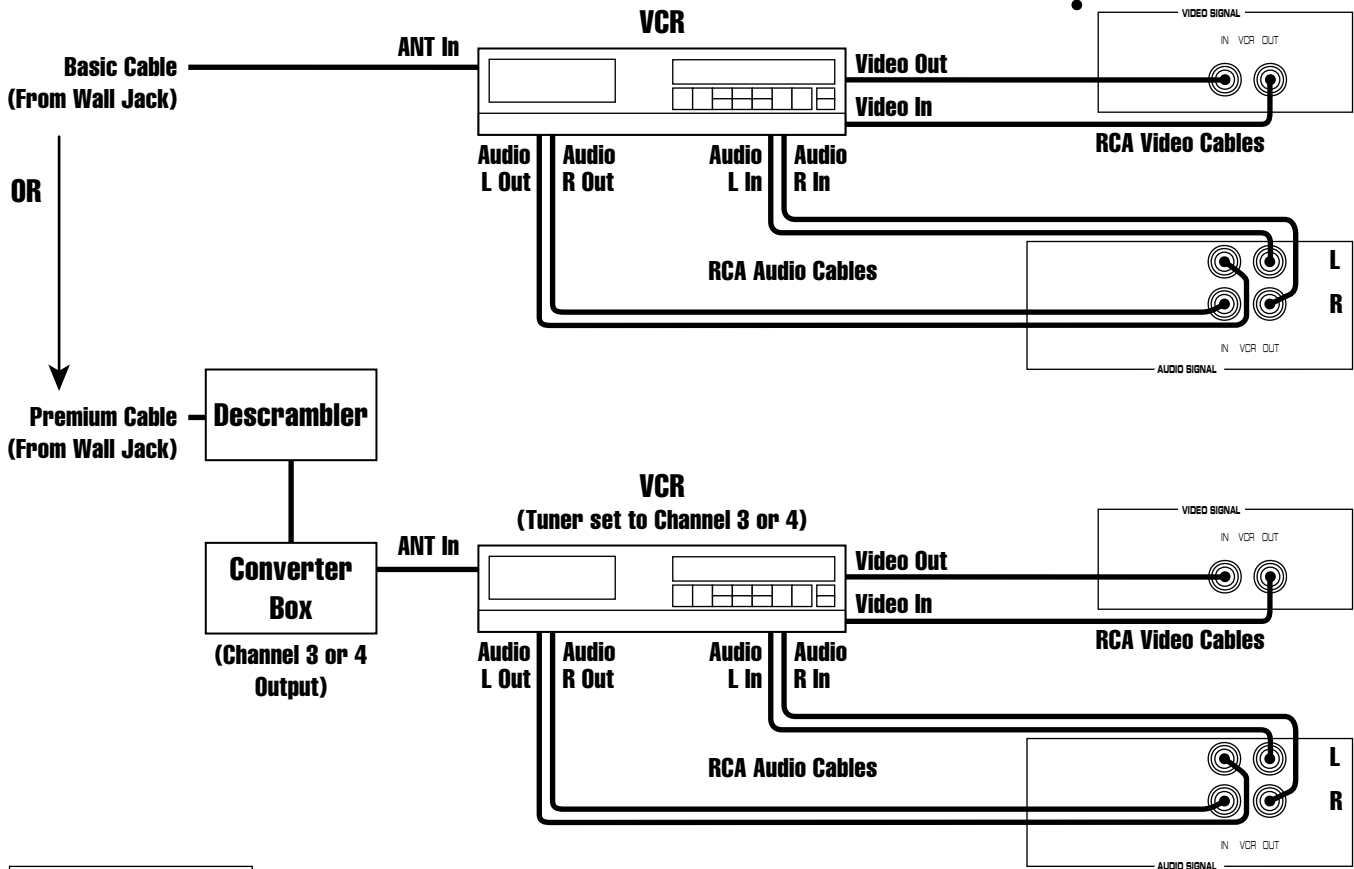
YAMAHA **YHT-15 QUICK-CONNECT GUIDE**

CABLE HOOK-UP (BASIC AND PREMIUM CHANNELS)

Yamaha R-V503 Receiver (Rear Panel)

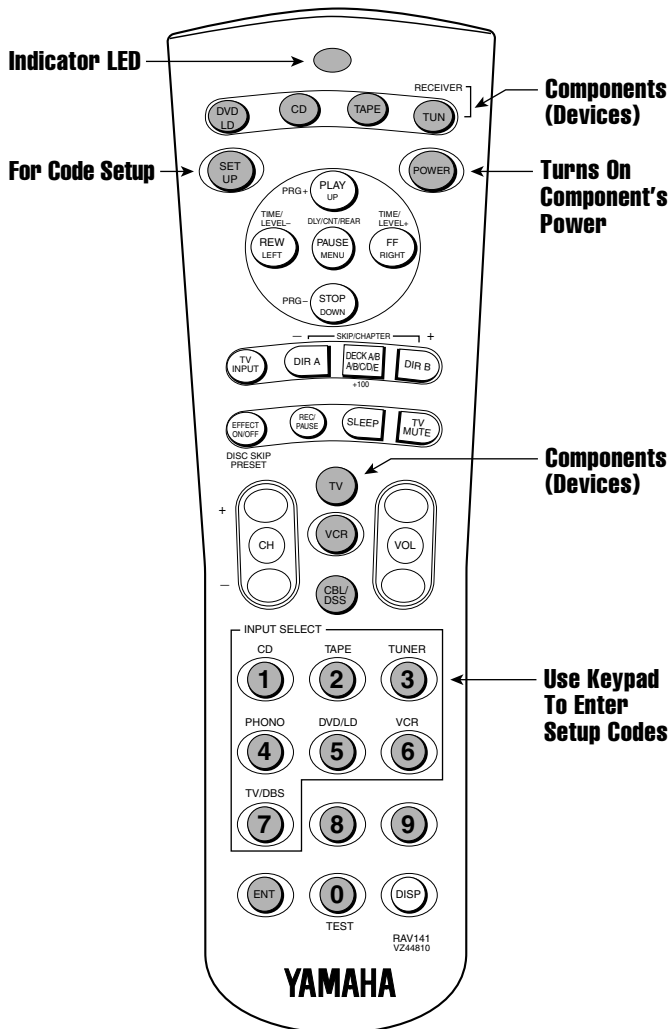


NOTE: When using a hi-fi stereo VCR, set the Tuner/Line switch (on the VCR) to Line position to record from another source connected to the Yamaha R-V503 receiver.



RCA Cable Color Codes
 Yellow = Video
 White = Left Audio
 Red = Right Audio

PROGRAMMING THE REMOTE CONTROL (RAV141)



The YHT-15 Home Theater package includes the RAV141 Remote Control. It comes pre-programmed with factory codes to control your R-V503 receiver and most Yamaha audio components. To program other brands of components (i.e., TV, VCR, etc.) or if your Yamaha unit does not respond, you will need to program the remote control with the manufacturer's codes (listed on pages 11 through 14).

NOTE: The RAV141 is designed to control most major brands of audio and video components. For other units, use the original remote control supplied with the product.

Perform the procedure for each component you own. At the end of step 5, the remote control's processor will automatically assign the selected component's control functions to its own buttons, ready for your use.

*NOTE: To clear the RAV141's memory and return it to the factory codes, press and hold **SETUP**; then enter 9 8 1.*

POWER ON

1. Load the supplied batteries into the remote control.
2. Aim the unit at the receiver, press **RECEIVER/TUN**, and then press **POWER**.
3. The receiver should turn on.

SETTING UP YOUR TV

1. Look up a setup code for your television set (see pages 12 and 13).
2. Turn on the television set.
3. On the remote control, press **TV**; then press and hold **SETUP** until the indicator LED flashes twice.
4. Using the keypad, enter the three-digit number. The indicator LED will flash twice after your entry.
5. The TV's controls are now assigned to the remote control buttons (see *Quick Reference Card* for use). To test the code, press **TV** and then **POWER**. If the TV does not respond, try an alternate code.

SETTING UP YOUR CABLE BOX (OR DSS)

1. Look up a setup code for your cable box or digital satellite system (see pages 11 and 12).
2. Turn on the cable box (or DSS).
3. On the remote control, press **CBL/DSS**; then press and hold **SETUP** until the indicator LED flashes twice.
4. Using the keypad, enter the three-digit number. The indicator LED will flash twice after your entry.
5. The unit's controls are now assigned to the remote control buttons (see *Quick Reference Card* for use). To test the code, press **CBL/DSS** and then **POWER**. If the unit does not respond, try an alternate code.

SETTING UP YOUR VCR

1. Look up a setup code for your VCR (see pages 13 and 14).
2. Turn on the VCR.
3. On the remote control, press **VCR**; then press and hold **SETUP** until the indicator LED flashes twice.
4. Using the keypad, enter the three-digit number. The indicator LED will flash twice after your entry.
5. The VCR's controls are now assigned to the remote control buttons (see *Quick Reference Card* for use). To test the code, press **VCR** and then **POWER**. If the unit does not respond, try an alternate code.

continued on the next page...

PROGRAMMING THE REMOTE CONTROL (CONT'D)

SETTING UP YOUR DVD (OR LD) PLAYER

1. Look up a setup code for your DVD or LD player (see page 12).
2. Turn on the DVD (or LD) player.
3. On the remote control, press DVD/LD; then press and hold SETUP until the indicator LED flashes twice.
4. Using the keypad, enter the three-digit number. The indicator LED will flash twice after your entry.
5. The unit's controls are now assigned to the remote control buttons (see *Quick Reference Card* for use). To test the code, press DVD/LD and then POWER. If the unit does not respond, try an alternate code.

SETTING UP OTHER COMPONENTS (DEVICES)

1. Look up a setup code for your component (see pages 12 through 14).
2. Turn on the component.
3. On the remote control, press the appropriate component button; then press and hold SETUP until the indicator LED flashes twice.
4. Using the keypad, enter the three-digit number. The indicator LED will flash twice after your entry.
5. The unit's controls are now assigned to the remote control buttons (see *Quick Reference Card* for use). To test the code, press the appropriate component button and then POWER. If the unit does not respond, try an alternate code.

OPERATING THE REMOTE CONTROL (RAV141)

The RAV141 Remote Control will control up to seven different types of components (including the R-V503 receiver), each of which becomes active when you press a selection (e.g., TV, VCR, etc.). We can only briefly describe some functions here, and we encourage you use the *Quick Reference Card* and *R-V503 Owner's Manual* to gain additional experience with this powerful unit.

PLAYING A VIDEOCASSETTE

1. Aim the remote control at the receiver, press the blue RECEIVER/TUN button, and then press POWER to turn it on. Press VCR (or 6) in the Input Select area.
2. Aim the remote control at the TV, press the blue TV button, and then press POWER to turn it on. Press TV INPUT to select the correct input.
3. Aim the remote control at the VCR, press the blue VCR button, and then press POWER to turn it on. Put a tape in the VCR, press PLAY.

NOTE: At this point, the VCR controls are assigned to the remote control, since VCR was the last blue device button pressed. If you now press the VOLUME + (or -) buttons, the TV/VCR volume will be raised (or lowered). To adjust the receiver's volume, you must press the blue RECEIVER/TUN button to activate its functions.

PLAYING A DVD

1. Aim the remote control at the receiver, press the blue RECEIVER/TUN button, and then press POWER to turn it on. Press DVD/LD (or 5) in the Input Select area.
2. Press the power switch on the DVD player to turn the unit on.
3. Load a DVD into the DVD player.
4. Aim the remote control at the DVD player, press the blue DVD button, and then press PLAY.

NOTE: If the DVD player is plugged into the switched AC outlet (on the back of the receiver) and its power switch was already engaged, the unit will come on each time the receiver is powered on.

5. Press the TV/DBS or DVD/LD button to switch the R-V503 inputs from the 2-channel stereo mode to the 6-channel discrete mode. This will accept signals from the unit connected to the 6CH DISCRETE INPUT terminals. Press the button again to return the R-V503 inputs to the 2-channel mode.

USING SET-UP CODES

SETTING THE MANUFACTURER'S CODE

Use the supplied RAV141 remote control to operate Yamaha (or non-Yamaha) equipment with an infrared sensor.

Perform the steps below to set the manufacturer's code for a non-Yamaha TV:

1. Turn on your TV; then press TV on your remote control device.
2. Press and hold SETUP until the indicator light flashes twice.
3. Use the keypad to enter the three-digit manufacturer's code (from the below list). The indicator light will flash twice after your entry.

You may also operate a cable box, satellite, compact disc player, etc., using the remote control device. The following steps show how to set the manufacturer's code for a VCR or DVD/LD player:

4. Turn on your VCR or DVD/LD; then insert a tape or DVD/LD.
5. Press VCR or DVD/LD and release; then follow steps 2 and 3 from above.

Set any manufacturer's code by entering numbers from the following charts.

NOTE: To clear the RAV141's memory and return it to the factory codes, press and hold SETUP; then enter 9 8 1.

CABLE SET-UP CODES

MANUFACTURER	CODE
ABC	001, 003, 007, 008
ABC	011, 013, 014, 017
Antronix	022, 207
Archer	022, 153, 207, 797
Belcor	056
Cable Star	056
Cabletenna	022
Funai	171, 179, 180
Futuretech	180
Cableview	022

Century	153	Texscan	001
Citizen	153, 315	TFC	310
Colour Voice	025, 031	Tocom	012, 013
Comtronics	040	Toshiba	000
Contec	019	Tusa	015
Eastern	002	TV86	063
Everquest	015, 040	Unika	022, 153, 207
Focus	400	United Artists	007
Garrard	153	United Cable	003
G C Electronics	056, 207	Universal	022, 056, 153, 191, 207
Gemini	015	Viewstar	027, 063, 258
General Instrument	011, 276, 476	Zenith	000
GoldStar	040, 144	Zentek	400
Hamlin	009, 020, 034, 259		
Hitachi	011		
Hytex	007		
Jasco	153, 315		
Linsay	440		
Magnavox	027		
Memorex	000		
Movie Time	063, 156		
Novaplex	618		
NSC	063, 156		
Oak	007, 019		
Panasonic	000, 021, 107		
Panther	63		
Paragon	000		
Philips	025, 027, 031, 153		
Pioneer	023, 144, 533		
Popular Mechanics	400		
Prelude	770		
Pulsar	000		
Radio Shack	797		
RCA	021		
Realistic	207		
Recoton	400		
Regal	020, 259		
Regency	002		
Rembrandt	011		
Runco	000		
Samsung	040, 144		
Scientific Atlanta	008, 017, 277, 477		
Seam	510		
Signal	015, 040		
Signature	011		
St. Marx	040		
Sprucer	021		
Starcom	003, 015		
Stargate	015, 040, 770		
Starquest	015		
Sylvania	001		
Tandy	258		
Teleview	040		

CD PLAYER SET-UP CODES

MANUFACTURER	CODE
ADC	018
Adcom	155, 234
Aiwa	012, 124, 157
Akai	156
Audio Alchemy	194
Audio-Technica	170
BSR	194, 245
Burmeister	420
California Audio Lab	029
Carrera	194
Carver	157, 179, 437
Crown	122
DAK	245
DBX	254
Denon	003, 034
DKK	000
Emerson	155, 164, 305, 469
Fisher	048, 088, 174, 179, 342
Garrard	245, 280, 393, 420, 425
GE	009
Genexxa	032, 164, 305
GoldStar	417
Harman/Kardon	426
Hitachi	032, 155
JVC	072, 655
Kenwood	028, 037, 048, 190
Kodak	287
Krell	157
Kyocera	018
Luxman	093
LXI	305
Magnavox	157
Marantz	029, 157, 180
McIntosh	287
MCS	029, 043
Mission	157

USING SET-UP CODES

CD PLAYER SET-UP CODES (CONT'D)

MANUFACTURER	CODE
MTC	420
Nakamichi	147
NEC	043, 234
Nikko	164, 170, 174
NSM	157
Onkyo	101
Optimus	000, 032, 037, 087, 175
Optimus	179, 194, 196, 280, 305
Optimus	342, 420, 426, 437, 468
Panasonic	029, 367, 752
Parasound	194
Philips	157, 287
Pioneer	032, 244, 305, 468
Proton	157
QED	157
Quasar	029
RCA	099, 053, 155, 179, 305, 764
Realistic	155, 164, 175, 179, 180, 420
Rotel	157, 420
SAE	157
Sansui	157, 202, 305
Sanyo	087, 179
Scott	155, 164, 305
Sears	305
Sharp	037, 180
Sherwood	114, 180, 196, 426
Shure	043
Sony	000, 185, 605, 727
Soundesign	145, 425
STS	018
Tascam	420
Teac	174, 180, 393, 420
Technics	029, 207, 303
Vector Research	195, 417
Victor	072
Yamaha	036, 170, 187, 261
Yorx	461

CASSETTE DECK SET-UP CODES

MANUFACTURER	CODE
Aiwa	029, 197, 200
Akai	283
Carver	029
Denon	076
Fisher	074
Garrard	308, 439
JVC	244, 273, 310
Kenwood	070, 071, 092, 205, 233, 234
Magnavox	029
Marantz	009, 029

Mitsubishi	283
Onkyo	136, 282
Optimus	027, 220, 337, 439
Philips	029
Pioneer	027, 099, 220
Revox	190
Sansui	009, 029
Sharp	205
Sherwood	337
Sony	170, 243, 291
Teac	289, 308
Technics	229, 353
Victor	273
Wards	027
Yamaha	094, 097, 205, 460, 478

DVD/LD PLAYER SET-UP CODES

MANUFACTURER	CODE
Panasonic DVD	490
Toshiba DVD	503
Yamaha DVD	490
Aiwa	203
Carver	064, 194, 323
Denon	172
Disco Vision	023
Funai	203
Hitachi	023
Magnavox	194, 217
Marantz	064, 194
Mitsubishi	059
NAD	059
Panasonic	204
Philips	064, 194
Pioneer	023, 059
Quasar	204
Realistic	203
Samsung	323
Sega	023
Sony	193, 201
Theta Digital	194
Yamaha	217, 451

SATELLITE SET-UP CODES

MANUFACTURER	CODE
AlphaStar	772
Chaparral	216
Echostar	775
General Instrument	361
HTS	775
Hughes Network System	749
Jerrold	361, 627
Panasonic	701

Primestar	361, 627
RCA	566
Sony	639

TELEVISION SET-UP CODES

MANUFACTURER	CODE
A-Mark	003
Abex	032
Admiral	093
Adventura	046
Aiko	092
Akai	030
Alleron	179
Ambassador	177
Anam	180
Anam National	055
AOC	003, 019, 030, 052, 185
Archer	003
Audiovox	003, 180
Belcor	019
Bell & Howell	016, 154
Bradford	180
Brockwood	019
Broksonic	003
Candle	030, 046, 056, 186
Carnivale	030
Carver	054
Celebrity	000
Citizen	030, 039, 046, 056
Citizen	060, 092, 186, 280
Clairtone	185
Concerto	056
Contec	180, 185
Craig	180
Crown	039, 180
Curtis Mathes	030, 039, 060, 154, 415
CXC	180
Daewoo	019, 039, 092, 451
Daytron	019
Dumont	017, 019
Electroband	000, 185
Electrohome	409
Emerson	019, 038, 039, 154, 177
Emerson	185, 236, 280, 282, 463
Envision	030
Fisher	154, 159
Fujitsu	179
GE	021, 027, 047, 051, 055
GE	135, 178, 282, 451
Gibraltar	017, 019, 030
GoldStar	019, 030, 032, 039
GoldStar	056, 178, 409

USING SET-UP CODES

TELEVISION SET-UP CODES (CONT'D)

MANUFACTURER	CODE
Grunpy	179, 180
Hallmark	178
Harvard	180
Hitachi	032, 038, 056, 145, 151, 409
Infinity	054
Janeil	046
JBL	054
JCB	000
Jerrold	003, 011, 012, 014
Jerrold	015, 276, 476
JVC	053
Kaypani	052
KEC	180
Kenwood	019, 030
Kloss	024, 046
KTV	030, 039, 180, 185, 280
Logik	016
Luxman	056
LXI	047, 054, 154, 156, 178
Magnavox	020, 024, 030, 054
Magnavox	096, 186, 187, 386
Majestic	016
Marantz	030, 054
Matsushita	250
Megatron	003, 145, 178
MEI	185
Memorex	016, 056, 150, 154, 178
MGA	019, 030, 150, 178
Midland	017, 032, 039, 047, 051, 135
Minutz	021
Mitsubishi	019, 150, 178
Motorola	055, 093
MTC	019, 030, 056, 060, 185
Multitech	180
NAD	156, 166, 178
NEC	019, 030, 056
Nikko	030, 092, 178
Noshi	018
NTC	092
Onwa	180
Optimus	154, 166, 250
Optonica	093, 165
Orion	236
Panasonic	051, 055, 250
Penney	003, 018, 019, 021, 027
Penney	030, 032, 039, 047, 051
Penney	060, 135, 149, 156, 178
Philco	019, 020, 030, 054, 096
Philips	054
Pilot	019, 030, 039
Pioneer	038, 166
Portland	019, 039, 092
Prism	051
Proscan	047
Proton	003, 052, 178
Pulsar	017, 019
Quasar	051, 055, 165, 250
Radio Shack	019, 030, 032, 039
Radio Shack	047, 056, 154, 165
Radio Shack	178, 180, 409
RCA	018, 019, 038, 047, 090, 135
Realistic	019, 030, 032, 039, 056
Realistic	154, 165, 178, 180
Rhapsody	185
Runco	017, 030
Sampo	030, 032, 039, 052
Samsung	019, 030, 032, 039
Samsung	056, 060, 178
Samsux	039
Sanyo	146, 154, 159
Scimitsu	019
Scotch	178
Scott	019, 178, 179, 180, 236
Sears	047, 054, 056, 146, 149
Sears	154, 156, 171, 178, 179
Sharp	039, 093, 165, 386
Shogun	019
Signature	016
Simpson	186, 187
Sony	000, 080
Soundesign	178, 179, 180, 186
Spectricon	003
Squareview	171
SSS	019, 180
Starlite	180
Supre-Macy	046
Supreme	000
Sylvania	020, 030, 054, 096
Symphonic	171
Tandy	093
Tatung	003, 055
Technics	051, 250
Technol Ace	179
Techwood	003, 051, 056
Teknika	016, 019, 039, 054, 056, 060
Teknika	092, 150, 179, 180, 186
TMK	056, 177, 178
Toshiba	060, 149, 154, 156
Tosonic	185
Totevision	039
Universal	027
Vector Research	030
Victor	053
Vidikron	054
Vidtech	019, 178
Viking	046
Wards	016, 019, 020, 021, 027
Wards	030, 054, 056, 080
Wards	096, 165, 178, 179
Yamaha	019, 030
Zenith	016, 017
Zonda	003

VCR SET-UP CODES

MANUFACTURER	CODE
Adventura	000
Aiko	278
Aiwa	000
Akai	041, 061, 106
American High	035
Asha	240
Audiovox	037
Beaumark	240
Bell & Howell	104
Broksonic	121, 184, 211, 295, 361
Calix	037
Canon	035
Capehart	020
Carver	081
CCE	072, 278
Citizen	037, 278
Colt	072
Craig	037, 047, 072, 240, 271
Curtis Mathes	035, 041, 060
Cybernex	240
Daewoo	020, 045, 278
Daytron	020
Dynatech	000
Electrohome	037
Electroponic	037
Emerex	032
Emerson	000, 002, 036, 037, 043, 061
Emerson	068, 121, 184, 208, 211
Emerson	212, 278, 295, 361, 479
Fisher	047, 054, 066, 104
Fuji	033, 035
Funai	000
Garrard	000
GE	035, 060, 202
GoldStar	037, 038
Gradiente	000
Harley Davidson	000
Harman/Kardon	038
Harwood	068, 072
Headquarter	046

USING SET-UP CODES

VCR SET-UP CODES (CONT'D)

MANUFACTURER	CODE
HI-Q	047
Hitachi	041, 042, 105, 166
Jensen	041
JVC	008, 041, 067
KEC	037, 278
Kenwood	038, 041, 067
KLH	072
Kodak	035, 037
Lloyd	000
Lloyd's	208
Logik	072
LXI	037
Magnavox	035, 039, 081, 149
Magnin	240
Marantz	035, 081
Marta	037
Matsushita	035, 162, 454
MEI	035
Memorex	000, 035, 037, 039, 046
Memorex	047, 048, 104, 240
MGA	043, 061
MGN Technology	240
Minolta	042, 105
Mitsubishi	043, 061, 067, 173
Motorola	035, 048
MTC	000, 240
Multitech	000, 072
NEC	038, 040, 041, 067, 104
Nikko	037
Nikon	034, 253
Noblex	240
Olympus	035
Optimus	037, 048, 104, 162, 454
Optonica	062
Orlon	295, 479
Panasonic	035, 077, 162, 454
Penney	035, 037, 038, 040
Penney	042, 054, 240
Pentax	042, 105
Philco	035
Philips	035, 062, 081
Pilot	037
Pioneer	067
Portland	020
Protec	072
Pulsar	039
Quarter	046
Quartz	046
Quasar	035, 077, 162, 454
Radio Shack	000, 037
Radix	037
Randex	037
RCA	042, 060, 077, 105
RCA	106, 149, 202, 225
Realistic	000, 035, 037, 046, 047
Realistic	048, 062, 066, 104, 240
Ricoh	034, 253
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Samsung	045, 240
Sanky	039, 048
Sansui	041, 067, 271
Sanyo	046, 047, 104, 240
Scott	043, 045, 121, 184, 210, 211, 212
Sears	035, 037, 042, 046, 047
Sears	054, 066, 104, 105
Sharp	048, 062
Shintom	072
Shogun	240
Singer	072
Sony	032, 033, 034, 035, 253
STS	042
Sunpak	253
Sylvania	000, 035, 043, 081
Symphonic	000
Tatung	041
Teac	000, 041
Technics	035, 162
Teknika	000, 035, 037
TMK	036, 208, 240
Toshiba	043, 045, 060, 066, 210, 212
Totevision	037, 240
Unitech	240
Vector	045
Vector Research	038, 040
Video Concepts	040, 045, 061
Videosonic	240
Wards	000, 035, 042, 047, 048, 060
Wards	062, 072, 149, 212, 240
XR-1000	000, 035, 072
Yamaha	038
Zenith	033, 034, 039



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