



INTRODUCTION

The SRC2 Remote Control is the complete solution for all of your remote control requirements. It is designed to operate source devices and Rusound audio system keypads. The SRC2 controls up to eight devices. For best results, please read and follow all the remaining instructions and keep this guide for future reference.

FEATURES AND FUNCTIONS

NOTE: key functions may vary from device to device. The following Key Chart provides a general description of functions.

[VID] **[DVD]** **[TV]** Select a local device.

[R] Activates control of Rusound system controller and keypads, and its connected sources.

[1-8] Use these keys to select specific sources.

[Power] Turn the selected device on or off.

[SET] Program sequences.

[+/-] Select next/previous. Select the next/previous chapter on some models of DVD players. Press LAST to recall the last-viewed channel.

[+/-] Raise or lower the sound level.

[Mute] Press MUTE to turn the sound off or on.

[D-Pad] Move the cursor in the menu screens.

[OK] Press OK to choose the high lighted menu option. May perform "Enter" function for devices.

[Enter] Press Enter to choose the highlighted menu option. May perform "OK" function for devices.

[Left/Right/Up/Down] Skip backward, rewind, fast forward, skip forward, stop pause, or play tracks on disc.

[Page Up/Down] Use Page Up/Down with cable or satellite boxes. Note: May have to learn in these functions.

[Info] View the current channel and program information.

[Menu] Display the menu for the selected device.

[Exit] Exit the selected device's menu, guide, or program without making a menu selection.

[Guide] Display the program guide for the selected device.

[Input] Switch the TV's, VCR's, SAT's or DVD's input to view TV or video programs.

[Disc] Direct disc selection.

[Last] Press LAST once to recall the last channel, page back one screen in the main menu.

[F1] **[F2]** Select and save favorite presets.

[1-9] Directly enter channels (e.g., 09 or 31). Press OK to send channel number entries on some TV models.

INSTALLING BATTERIES

- On the back of the SRC2, push the tab and lift off the battery cover.
- Obtain two (2) fully-charged AA alkaline batteries. Match the + and – marks on the batteries to the + and – marks in the battery case, then insert the new batteries.
- Press the battery cover back into place. The tab should click when the cover is locked.
- Test the unit by pressing Power and any mode key. If the batteries are inserted correctly, the LED will blink once.

PROGRAMMING A DEVICE

To control Universal TV, VCR or DVD, Cable or Satellite Receivers, Amplifier or tuner, and Auxiliary devices, follow these steps. Before proceeding, find the codes for the devices you want to program in "Manufacturer's Codes" in this manual.

- Turn on the device (e.g., DVD player) and if needed, load media.
- Press a device key.
- Press and hold SET until the red LED blinks twice, then release.
- Enter the first five-digit code for your device. The LED blinks once as each digit is entered. If the code is correct, the LED blinks twice. Note: If the LED does not blink twice, repeat step 4 and try entering the code again.
- Aim the remote at the device and press POWER. The device should turn off. If it does not, repeat steps 3-5, trying each code for your brand until you find one that works. If you cannot find a code that works see "Searching for Your Code" in this manual.
- Repeat steps 1-5 for the other devices you want to control. For future reference, write down each working device code.

SEARCHING FOR YOUR CODE

If your device does not respond to the remote after trying all codes listed for our brand, or if your brand is not listed, try searching for your code:

- Press a device key once.
- Press and hold SET until the red LED blinks twice, then release.
- Enter 9-9-1, then the device group number (see below). The LED blinks twice.
 - Cable (Cable Converters, Video Accessories, Satellite Receivers)
 - TV (TVs)
 - VCR (VCRs, DVD players)
 - Audio (Audio Amplifiers, Audio Amp/Tuners, CD players)
- Aim the remote at the device and press POWER. The remote sends IR codes from its library to the selected device, starting with the most popular code first. If the device responds, go to step 6.
- If the device does not respond, press CH+. The remote will try the next code. Continue until the device responds. Press CH- to try the previous code.
- Press SET to lock in code. To search for other device codes, repeat steps 1-5.

CHECKING THE CODES

If you have set up the remote using the procedure in "Searching for Your Code," you may need to find out which five-digit code is operating your equipment. For example, to find out which code is assigned to your TV:

- Press the key to which the TV is assigned.
- Press and hold SET until the red LED blinks twice, then release.
- Enter 9 9 0. The LED blinks twice.

- To view the code's first digit, press 1. Count the LED blinks (e.g., three blinks =3), and enter the number in the appropriate device list in step 8 of "Programming a Device." If a code digit is 0, the LED does not blink.

- Repeat step 4 for the remaining digits, using 2 for the second digit, and so on.
- To check for other device codes, repeat steps 1-5, using the appropriate key.

CHANGING VOLUME LOCK

The SRC2 remote comes preset to allow independent volume control of each selected device (Global Volume Unlock). However, you may change the Volume Lock setting to Global Volume Lock so that one device's volume will control volume in all other modes. After that ,you can perform Individual Volume Unlock on a selected device to set its volume control for independent operation or Global Volume Unlock to remove all volume locking.

Locking Volume Control to One Mode (Global Volume Lock)

- Press and hold SET until the red LED blinks twice, then release.
- Enter 9 9 3 and then press the mode key for the device you want to control volume (e.g., TV). The LED blinks twice. Now when you press VOL+, VOL-, or Mute, the selected device will control the volume regardless of the current mode.

Unlocking All Volume Control (Restoring Global Unlock)

- Press and hold SET until the red LED blinks twice, then release.
- Enter 9 9 3 and then press VOL+. The LED blinks four times. Volume is independently controlled for all programmed devices.

Unlocking a Single Device's Volume Control

- Press a device key (VID, DVD, etc.).
- Press and hold SET until the red LED blinks twice, then release.
- Enter 9 9 3 and then press VOL-. The LED blinks four times. Volume is independently controlled for the selected devices.

USING LEARNING

The SRC2 includes a Learning feature so you can add functions that are unique to your home entertainment devices (e.g., VCR Tracking Up or Down). The following precautions apply.

- The original remote controls must be in working order for learning to work properly.
- Learned keys are mode specific, so each one can store a unique function for each mode.
- Do not use the following keys for learning: Device Keys, SET, Back, or Record.
- Learning capacity is approximately 40 to 100 keys, depending on the code being learned.
- Certain device codes are not learned including multi-frequency types, some high frequency ones, and other unusual formats.

- For optimum learning, avoid high levels of ambient light such as natural sunlight or energy-efficient fluorescent lights.

- Have the original remote controls handy before programming learning.

Programming a learned key

Note: If more than 15 seconds pass between key presses, the remote exits programming.

- Press and hold SET until LED flashes twice.
- Press 9 7 5.
- Press a device key once to assign a mode for learning.
- Place the SRC2 head-to-head (about 2" apart) from your original remote control. Also locate the key (on original remote control) that will serve as the teaching function.
- On the SRC2, press a key where the learned function will be stored.
- On the original remote, press and hold the key to be learned. The SRC2 LED will turn off. Continue holding the key on the original remote until the SRC2 LED blinks twice.

Note: If the LED displays one long blink, a learning error has occurred. Try repeating this step again until a successful capture occurs. If the function is still not captured, press and hold SET to exit programming. Review the learning precautions listed above, or the Troubleshooting tips below, before beginning again at step 1.

- Repeat steps 4-6 for another key on same device, or repeat steps 1-6 for another device.

Deleting a single learning key

- Select a source
- Press and hold SET until the LED flashes twice. NOTE: If more than 15 seconds passes between key presses, the remote exits programming.
- Press 9 7 6.
- Press the key (twice) containing the learned function to be deleted. The remote blinks twice.
- Repeat steps 1-4 for another key on the same source, or press and hold SET to exit programming.

Deleting all learned keys in a specific mode

- Press and hold SET until the LED blinks twice. Note: If more than 15 seconds pass between key presses, the remote exits programming.
- Press 9 7 6.
- Press a device key twice to delete all the learned keys for that mode. The LED blinks twice.
- Repeat steps 1-3 for another set of keys for a device, or press and hold SET to exit programming.

TROUBLESHOOTING

Problem: LED does not blink when you press a key. *Solution:* Replace battery with two new AA batteries.

Problem: LED blinks when you repress a key, but device does not respond.

Solution: Make sure the remote is aimed at your device or system keypad and is not more than 15 feet away.

Problem: LED blinks one long blink.

Solution: An entry error has occurred (e.g., wrong key). Try entry sequence again.

Problem: Remote does not control devices or commands are not working properly.

Solutions: Try all listed codes for the device. Make sure the device operates with an infrared remote control.

Problem: CH+, CH- and LAST do not work for your RCA TV.

Solution: Due to RCA design from 1983 to 1987, only the original remote control will operate these function.

Problem: Channels do not change properly. *Solution:* If the original remote control required you to press ENTER to change channels., press enter on this remote after entering the channel number.

ADDITIONAL INFORMATION

The SRC2 does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to the SRC2.

Copyright ©2005 Rusound, Inc.
Rusound, 5 Forbes Road,
Newmarket, NH 03857
603.659-5170 www.rusound.com

28-1206 REV.1 11/30/05

MANUFACTURER'S CODES

Setup Codes for Audio Amplifiers

Bose	30674
GE	30078
JVC	30331
Marantz	30321
Nakamichi	30321
NEC	30264
Optimus	30395
Realistic	30395
Sansui	30321
Shure	30264
Sony	30689
Soundesign	30078
Victor	30331
Wards	30078
Yamaha	30354, 30133

Setup Codes for Audio Amp/Tuners

ADC	30531
Aiwa	31405, 31243, 30121
Anam	31609, 31074
Audiotronic	31189
Bose	31229
Capetronic	30531
Carver	31189
Coby	31263
Denon	31360, 31142, 30904

Fomnix	31360
Glory Horse	31263
Harman/Kardon	30110
Hitachi	31273
Inkel	30027
Integra	30135
JBL	30110
JVC	30074, 31263
Kenwood	31313, 31570, 30027
KLH	31428
Magnavox	31189, 31269, 30531
Marantz	31189, 31269, 30039
MCS	30039

Onkyo	30842, 30135
Optimus	31023, 30670, 30531, 31074
Panasonic	31518, 30039
Philips	31189, 31269
Pioneer	31023, 30150, 30014, 30630, 30531
Proscan	31254
Qisheng	31609
Quasar	30039
RadioShack	31263
RCA	31023, 31609, 31254, 30531, 31074
Sharper Image	31263
Silsonic	30176
Sony	31058, 31441, 31258, 31759
Soundesign	30670
Stereophonics	31023
Sunfire	31313
Teac	31074, 31267
Technics	31308, 31518, 30039
Thorens	31189
Victor	30074
Wards	30014
Yamaha	30176, 31276, 31176

Denon	30873
Memorex	30000
DMX Electronics	30157
Dynamic Bass	30179
Fisher	30179
Garrard	30420
Genexxa	30032
Harman/Kardon	30157, 30173
Hitachi	30032
Integra	30101
JVC	30072
Kenwood	30826, 30626, 30028, 30037, 30036, 30190

Krell	30157
Linn	30157
Magnavox	30157
Marantz	30626, 30029, 30157
MCS	30029
Miro	30000
Mission	30157
MTC	30420
NSM	30157
Onkyo	30868, 30101
Optimus	31063, 30000, 30032, 30037, 30420, 30179, 31073, 30145

Panasonic	30029
Parasound	30420
Philips	30626, 30157
Pioneer	31063, 31062, 30032
Polk Audio	30157
Proton	30157
QED	30157
Quad	30157
Quasar	30029
RadioShack	31075

RCA	31062, 30032, 30420, 30179, 30053
Realistic	30420, 30179
Rotel	30157, 30420
SAE	30157
Sansui	30157
Sanyo	30179
SAST	30157
Sharp	30861, 30037
Silsonic	30888, 30036

Sonic Frontiers	30157
Sony	30490, 30000, 30100
Soundesign	30145
TAG McLaren	30157
Tascam	30420
Teac	30420
Technics	30029
Victor	30072
Wards	30157, 30053
Yamaha	30888, 30036
Zonda	30157

Setup Codes for DVD Players

Aiwa	20641, 21912
Akai	20770
Allegro	20869
Apex Digital	20672, 20717, 20797, 21061, 20796, 21056, 21937, 20794, 21020, 21915
Blaupunkt	20717
Blue Parade	20571
Broksonic	20695
Changhong	20627, 21061
CineVision	20869
Coby	21086
Curtis Mathes	21087
CyberHome	21024, 21023, 21129, 20816, 21117
Daewoo	20833, 21172, 20869
Denon	20490
DVD2000	20521
Emerson	20591, 20675
Enterprise	20591
Fisher	21919
Funai	20675
Gateway	21158, 21073
GE	20522, 20717

Go Video	20744, 20833, 21099, 20783, 21075, 20869, 21730
Greenhill	20717
Harman/Kardon	20582, 20702
Hitachi	20573, 20664, 21919
Hiteker	20672
Initial	20717
Integra	20627, 21924
JBL	20702
JVC	20558, 20623, 20867
Kenwood	20490, 20534
KLH	20717, 21020, 21149
Koss	20651, 21980
Lasonic	20798
LG	20591, 20869, 20801
Liquid Video	21980
Lite-On	21158, 21058
Loewe	20511
Magnavox	20503, 20539, 21976, 21914, 20675

Marantz	20539
Memorex	20695
Microsoft	20522
Mintek	20717
Mitsubishi	21521, 20521
Nesa	20717
Norcent	21003
Onkyo	20503, 20627, 21924, 20792
Oritron	20651, 21980
Panasonic	20490, 21762, 21990
Philips	20503, 20539, 20646, 21914
Pioneer	20525, 20571
Polaroid	21086, 21061

Polk Audio	20539
Portland	20770
Proscan	20522
Qwestar	20651
RCA	20522, 20571, 20717, 20822
Rio	20869
Rotel	20623
Sampo	20752, 20698
Samsung	20490, 20573, 21932, 21075, 20820
Sansui	20695
Sanyo	20695
Sharp	20630, 20752

Sharper Image	21117
Sherwood	20770
Shinco	20717
Shinsonic	20533
Sonic Blue	20869, 21099
Sony	20533, 20864, 21033, 21904, 21903
SVA	20717
Sylvania	20675
Symphonic	20675
Teac	20717, 21984, 20809
Technics	20490
Theta Digital	20571
Toshiba	20503, 20695

Urban Concepts	20503
Xbox	20522
Yamaha	20490, 20539, 20545
Zenith	20503, 20591, 20869

Setup Codes for Satellite Receivers

AlphaStar	00772
Chaparral	00216
Crossdigital	01109
DirecTV	00392, 00566, 00639, 01142, 00247, 00749, 01749, 00724, 00819, 01856, 01076, 01109, 00099, 01392, 01640, 01442, 01414, 01108

Dish Network System	01005, 00775, 01505
Dishpro	01005, 00775, 01505
Echostar	01005, 00775, 01505
Expressvu	00775
GE	00566
General Instrument	00869
GOI	00775
Goodmans	0124

KEC	10180
Kenwood	10030
KLH	10765, 10767
Kolin	10180, 10150, 10053
KTV	10180, 10030
Kunlun	10051, 10661
LG	10060, 10030, 10178, 10856, 10700, 10025
Lloyd's	11904
LXI	10047, 10054, 10154, 10156, 10178
Magnasonic1	1928, 11913
Magnavox	11454, 10054, 10030, 10706, 11931, 11254, 11913, 11904, 11944
Magnin	11907
Marantz	10054, 10030, 10704
Matsushita	10250, 10650
Maxent	11755
Megapower	10700
Megatron	10178, 10145
Memorex	10154, 10463, 10150, 10178, 11911, 11926, 11924, 11920, 11927
MGA	10150, 10030, 10178, 11907
Midland	10047, 10017, 10051
Mitsubishi	10154, 10250, 10093, 10236, 10180, 11250, 10150, 10030, 10178, 11917, 10836
Monivision	10843, 10700
Motorola	10093
MTC	10060, 10030
Mudan	10051
Multitech	10180
NAD	10156, 10178, 10866
National	10051
NEC	10154, 10156, 10051, 10053, 10030, 10178, 11704
Newave	10093, 10178, 10092
Nikko	10030, 10178, 10092
Norcent	10748, 10824
NTC	10092
Omwa	10180
Optimus	10154, 10250, 10166, 10650, 11927, 11924, 11913
Optonica	10093
Orion	10236, 10463, 11929, 11911, 11905
Panasonic	10054, 10250, 10051, 10650, 11941, 11927, 11924
Panda	10051, 10706
Penney	10047, 10156, 10051, 10060, 10030, 10178, 11926, 11907
Philco	10054, 10180, 10030, 10178
Philips	11454, 10054, 10000, 10051, 10030, 10178, 10092, 10690
Pilot	10030
Pioneer	10166, 10866, 10679
Portland	10092
Prima	10761
Princeton	10700
Prism	10051
Proscan	11447, 10047, 11922
Proton	10030, 10178
Pulsar	10017
Qingdao	10051
Quasar	10250, 10051, 11924, 10650
RadioShack	10047, 10154, 10180, 10030, 10178, 11920, 11904
RCA	11447, 10047, 11454, 10000, 10030, 10178, 11547, 11922, 11917, 10092, 11907, 11948, 10090, 10679
Realistic	10154, 10180, 10030, 10178
Rowa	10748
Runco	10017, 10030
Sampo	10154, 10093, 10030, 10178, 10171, 10700, 10650, 11755, 10092
Samsung	10154, 10156, 10060, 10812, 10702, 10030, 10178, 11060, 10814, 10092, 11903, 10090, 10766
Sansui	10463, 11904, 11935, 11929, 11911
Sanyo	10154, 10156, 10180, 10145, 11907
Sanyuan	10093
Scotch	10178
Scott	10236, 10180, 10178
Sears	10047, 10054, 10154, 10156, 10178, 10171, 11926, 11904
Shaoféng	10145
Sharp	10093, 10030, 10650, 11917
Shen Yíng	10092
Shencai	10145
Sheng Chia	10093, 10236
Skygiant	10180
Skyworth	10748
Sony	11100, 10000, 10650, 11925, 11904
Soundesign	10180, 10178
Sowa	10156, 10051, 10060, 10178, 10092
Squareview	10171
SSS	10180
Starlite	10180
Studio Experience	10843
Supreme	10000
SVA	10748, 10865
Sylvania	10054, 10030, 10171, 11944, 11931
Symphonic	10180, 10171, 11913, 11904
Synco	10000, 10451, 10093, 10060, 10178, 10092
Tacico	10178, 10092
Tandy	10093

Tashiko	10092, 10650
Tatung	10054, 10154, 10156, 10051, 10060, 11156, 11756, 11254
Technics	10250, 10051
Techwood	10051
Teco	10051, 10093, 10178, 10092
Teknika	10054, 10180, 10150, 10060, 10092
Telefunken	10702
Tera	10030
Thomas	11904
Tiane	10093
TMK	10178
TNGi	10017
Tobo	10748
Toshiba	10154, 10156, 10060, 10145, 11945, 11704, 11936, 11156, 11935, 10650, 11918
Tuntex	10030, 10092
TVS	10463
V Inc.	11756, 10885, 10864
Vector Research	10030
Victor	10250, 10053, 10650
Vidikron	10054
Vidtech	10178
Viewsonic	11755, 10885, 10864
Wards	10054, 10030, 10178, 10866, 11156
Warumaia	10661
Waycon	10156
White Westinghouse	10463, 11909, 10623
Yamaha	10030
Yapshe	10250
Zenith	10017, 10463, 10178, 11904, 11929, 11911, 11909, 10092

A VCR with a control panel

A VCR with a control panel

Setup Codes for VCRs

ABS	21972
Admiral	20048, 20209
Aiko	20278
Aiwa	20037, 20479
Alienware	21972
America Action	20278
American High	20035
Amoisonic	20479
Anam	20162, 20037, 20240, 20278
Anam National	20162
Asha	20240
Audiovox	20037, 20278
Beaumark	20240
Bell & Howell	20104
Broksonic	20184, 20121, 20209, 20002, 20479
Calix	20037
Canon	20035
Carver	20081
CCE	20072, 20278
Changhong	20048, 20081
Citizen	20037, 20278
Colt	20072
Craig	20037, 20047, 20240, 20072
Curtis Mathes	20060, 20035, 20162
Cybernex	20240
CyberPower	21972
Daewoo	20045, 20104, 20278
Dell	21972
Denon	20042
DirecTV	20739
Durabrand	20039, 20038
Electrohome	20037
Electrohomeic	20037
Emerex	20032
Emerson	20035, 20037, 20184, 20240, 20045, 20121, 20043, 20209, 20002, 20278, 20479
Fisher	20047, 20104
Fuji	20035, 20033
Fujitsu	20045
Gateway	21972
GE	20060, 20035, 20240
General	20045
Go Video	20432
GoldStar	20037, 20209, 20038, 20225
Haojie	20240
Harman/Kardon	20081, 20038
Harwood	20072
Hewlett Packard	21972
HI-Q	20047
Hitachi	20037, 20042, 20055
Howard Computers	21972
HP	21972
Hughes Network Systems	20042, 20739
iBUYPOWER	21972
JVC	20045, 20067
KEC	20037, 20278
Kenwood	20067, 20038
KLH	20072
Kodak	20035, 20037
Kolin	20043
LG	20037, 20045, 20042, 20209, 20038
Logik	20072
LXI	20037
Magnavox	20035, 20039, 20081

Magnin	20240
Marantz	20035, 20081
Marta	20037
Matsushita	20035, 20162
Media Center PC	21972
MEI	20035
Memorex	20035, 20162, 20037, 20048, 20039, 20047, 20240, 20104, 20209, 20479
MGA	20240, 20043
MGN Technology	20240
Microsoft	21972
Mind	21972
Minolta	20042
Mitsubishi	20067, 20043
Motorola	20035, 20048
MTC	20240
Multitech	20072
NEC	20035, 20037, 20048, 20104, 20067, 20038
Newave	20037
Nikko	20037
Noblex	20240
Northgate	21972
Olympus	20035
Optimus	21062, 20162, 20037, 20048, 20104, 20432
Orion	20184, 20209, 20002, 20479
Panasonic	21062, 20035, 20162, 20616, 20225
Penney	20035, 20037, 20240, 20042, 20038
Pentax	20042
Philco	20035, 20479
Philips	20035, 20081, 20739, 20618
Pilot	20037
Pioneer	20042, 20067
Polk Audio	20081
Profitronic	20240
Proscan	20060
Protec	20072
Pulsar	20039
Qisheng	20060
Quasar	20035, 20162
Radix	20037
Randex	20037
RCA	20060, 20035, 20240, 20042, 20880
Realistic	20035, 20037, 20048, 20047, 20104
ReplayTV	20616
Runco	20039
Sampo	20037, 20048
Samsung	20240, 20045, 20432
Sanky	20048, 20039
Sansui	20067, 20209, 20479
Sanyo	20047, 20240, 20104
Scott	20184, 20045, 20121, 20043
Sears	20035, 20037, 20047, 20042, 20104
Sharp	20048, 20209
Shintom	20072
Shogun	20240
Singer	20072
Sonic Blue	20616
Sony	20035, 20032, 20033, 20636, 21972
STS	20042
Sylvania	20035, 20081, 20043
Systemax	21972
Tagar Systems	21972
Tashiko	20037
Tatung	20045, 20067
Technics	20035, 20162
Teco	20035, 20037, 20048, 20038
Teknika	20035, 20037
Tivo	20636, 20618, 21503, 20739
TMK	20240
Toshiba	20045, 20042, 20067, 20043, 21503, 21008, 21972
Totevision	20037, 20240
Touch	21972
Unitech	20240
Vector	20045
Vector Research	20038
Victor	20067
Video Concepts	20045
Videomagic	20037
Videosonic	20240
Viewsonic	21972
Wards	20060, 20035, 20048, 20047, 20081, 20240, 20042, 20072
White Westinghouse	20209, 20072
XR-1000	20035, 20072
Yamaha	20038
Zenith	20039, 20033, 20209, 20479
ZT Group	21972

A VCR with a control panel

A VCR with a control panel