



ROTEL

ROTEL

Owner's Manual

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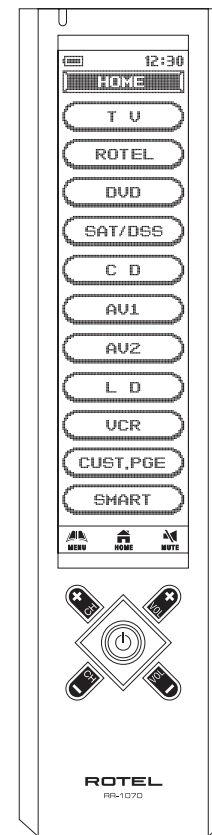
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082 OMRR-1070 093003

English

RR-1070

Touch Screen Universal Learning Remote Control

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Control Codes

Rotel (Amp/Tuner)

RA-02	0005
RA-1060	0005
RA-1062	0005
RA-1070	0015
RA-972	0005
RC-1070	0005
RC-1090	0015
RSDX-02 (EUR)	0025
RSDX-02 (US)	0035
RSP-1066	0065
RSP-1098	0065
RSX-1055	0045
RSX-1065	0045
RX-1050	0055

Control Codes

LD

Aiwa	0177
Denon	0167
Disco Vision	0037
Funai	0177
Hitachi	0037
Kenwood	0107, 0127
Magnavox	0047
Marantz	0047
Mitsubishi	0157
NAD	0157
Panasonic	0097, 0197
Philips	0047
Pioneer	0037, 0057, 0157
RCA	0187
Realistic	0177
Rotel	0007, 0017
Sharp	0147
Sony	0067, 0077, 0137
Victor	0117
Yamaha	0027, 0087




DVD

Akai	0068
Denon	0208
Finlux	0278
Goldstar	0278
Grundig	0288
Hanseatic	0278
Harman/Kardon	0318
Hitachi	0308, 0338, 0378
JVC	0288, 0098, 0188
Kenwood	0158
LG	0278
Linn	0358
Loewe	0288, 0368
Marantz	0218, 0288
Magnavox	0138
Micromedia	0288
Micromega	0288
Mitsubishi	0148
NAD	0328
Onkyo	0078, 0138
Optimus	0228
Panasonic	0038
Philips	0108, 0138, 0218, 0288, 0368
Pioneer	0118, 0128, 0198, 0228
Proscan	0168
RCA	0168
Rotel	0008
Rotel RDR-1080	0408
Rotel RDV-1060	0418
Rotel RDV-1080	0428
Salora	0278
Samsung	0088, 0338
Sharp	0048
Sherwood	0238
Shinco	0258
Sony	0028, 0268, 0348, 0388
Sony PS2	0298
Teac	0278
Technics	0038
Theta Digital	0228
Thomson	0178
Toshiba	0058, 0138
Universum	0278
Xbox	0398
Yamaha	0018, 0138, 0148, 0158, 0168, 0178, 0288
Zenith	0138, 0248, 0278
3Dlab	0288

Introduction

Congratulations and thank you for selecting the RR-1070 Touch Screen Universal Remote. The RR-1070 is a state-of-the-art electronic device that will replace up to ten remote controls. It is pre-programmed to control a wide range of audio/video devices. It can also learn the command signals of any other remote control. These capabilities, together with the ability to customize the keys on the touch screen, make it easy to control a complex audio/video system. You can almost think of it as a Personal Digital Assistant (PDA) for your Home Theatre system.

Key Features

- Replaces up to ten remote controls
- Pre-programmed for a wide range of audio/video devices
- Control code learning capability
- Learn up to 240 commands
- Maximum 70 keys per device mode
- EL back lit touch screen panel with intelligent light sensor for extended battery life
- 5 hard keys for direct access to power, channel and volume controls
- 3 touch screen shortcuts for  MENU,  HOME and  MUTE
- Set up by code entering, device brand name search and library code search
- 10 Programmable "Smart" keys, each with up to 32 steps
- Device and function key name editing
- Custom page for personal set up and frequently used commands
- Remote-to-remote copy function
- Volume punch through control for TV and ROTEL AMP
- Interactive help page
- Security password lock
- Real time clock
- Battery level indicator
- Auto power off
- AC/DC power charger
- Rechargeable batteries

Optional Features

- Docking charger for quick battery charging
- PC Link which enables you to upload and download remote setting data to and from your Personal Computer. You can also perform remote customization such as different key shape or layout editing with the PC software.

Getting to Know the RR-1070

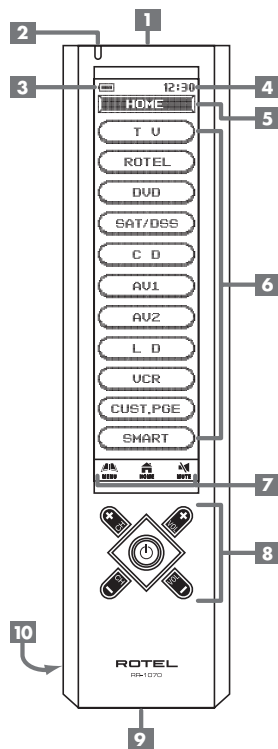
The RR-1070 has three type of control keys – soft keys, short cut keys and hard keys. Since most of the keys discussed in this manual are soft keys these will simply be called “keys”. When short cut keys or hard keys are discussed they will always be specified.

Soft Keys - The largest part of the touch screen is used to display “soft” keys. The soft keys displayed change with the device you’ve selected to control. Soft keys can also be customized.

Short Cut Keys - These three keys allow quick access to the MENU page, HOME page and MUTE control. The MUTE key can be reprogrammed with new control commands. The MENU and HOME keys cannot.

Hard Keys - Are dedicated to controlling the power, channel selection and volume of the selected device. All hard keys can be reprogrammed with new control commands

- 1 Infrared lens. Point this at the equipment you want to operate.
- 2 Green LED indicator. This flashes when the RR-1070 is active
- 3 Battery level meter shows the charge level of the batteries.
- 4 Current time display.
- 5 Current mode display shows the device the RR-1070 is controlling
- 6 Soft key display area
- 7 Short cut keys
- 8 Hard keys
- 9 Connection jack
- 10 Battery compartment (back of case)



NOTE: The RR-1070 is not fragile. However it should be handled like any piece of electronics. Do not drop the RR-1070. Take care to not damage the LCD touch screen.

Note: This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning

— continued

Control Codes

Tangberg	1246
Teac	0286, 0386, 0436, 0576, 0846, 0886, 1406
Technics	0106, 0656, 1146
Techwood	1376
Telefunken	0556
Thomson	0556
Toshiba	0086, 0736
Vector Research	0116, 1186
Victor	0366
Wards	0226
Yamaha	0056, 0066, 0136, 0466, 0596, 0626, 1116

Control Codes



CD

Acoustic Research	1346
Adc	0076, 0116
Adcom	0256, 0306, 1066
Ads	0316
Aiwa	0346, 0996, 1086, 1106
Akai	0226, 0536, 0586
Alpine	1266, 1356
Audio-Technica	0596
Bsr	0296, 0706, 0826
California Audio Lab	0106
Cambridge Audio	1416
Capetronic	1256
Carrera	0296
Carver	0336, 1186
Casio	0396
Crown	0236
Curtis Mathes	0396
Denon	0326, 0926, 0936
Dual	0556
Dynamic Bass (h)	0606
Emerson	0256, 0376, 1156
Eroica	1326
Fisher	0146, 0606, 0976, 1056
Garrard	0416
Genexxa	0356, 0376, 1156
Goldstar	1186, 1276, 1316, 1386
H/K	0156, 0226, 0516, 1046
Hitachi	0246, 0256, 0556, 0866
Inkel	0166, 0446
JVC	0366
Kenwood	0096, 0146, 0456, 0636, 0776, 0786, 0796, 0806, 0946
Kyocera	0076
Luxman	0126, 0476, 0726, 0756, 0766, 1036
Magnavox	0216, 0266, 0696, 1006
Marantz	0266, 0286, 0426, 0836, 1396
Mcintosh	0406, 1136
Mcs	0956, 1366
Memorex	0256, 0276, 0286, 0356, 0376, 1156
MGA	0186
Mission	0266
Mitsubishi	0186, 0496
MTC	1306
NAD	0086, 0666, 0736, 0746
Nakamichi	0176, 0486, 0566

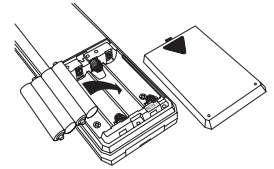
NEC	0306, 0956, 1016
Nikko	0596, 1056
Onkyo	0206, 0506, 0546, 0856, 1206
Optimus	0276, 0296, 0606, 0646, 0896, 0906, 0916, 0946, 0986
Panasonic	0106, 0876, 1146, 1176
Penny	0956
Philips	0216, 0266
Pioneer	0356, 0986, 1096
Proton	0266, 1236
Quasar	0106
RCA	0256, 0966, 1166
Realistic	0256, 0276, 0286, 0376, 0606, 0896
Revox	1226
Rotel	0006, 0016, 0026, 0036, 0046, 0266
Rotel RCD-02	1426
Rotel RCC-1055	1436
Rotel RCD-1070	1426
Rotel RCD-1072	1426
Rotel RCC-945	1436
Rotel RCC-955	1436
Rotel RCD-930	1426
Rotel RCD-950	1426
Rotel RCD-951	1426
Rotel RCD-961	1426
Rotel RCD-971	1426
Rotel RCD-991	1426
Saba Telecommander (e)	0556
SAE	0266
Samsung	1336
Sansui	0266, 0676, 1026, 1076, 1156
Sanyo	0196, 0606, 0686, 0816
Scott	0376, 1156
Sears	0396
Sharp	0286, 0716, 0946, 1116, 1126
Sherwood	0166, 0286, 0446, 0526
Siemens Garrard	1296
Signature	0226
Sontec	1216
Sony	0116, 0616, 0916, 1196
Staron	1286
STS	0076
Sylvania	0266
Symphonic	0386
Tandy	0356

Battery Installation and Charging

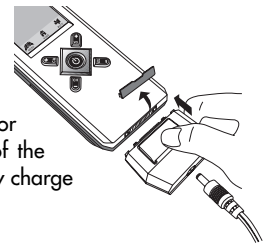
Supplied with the RR-1070 are four AAA NiMH rechargeable batteries, a special charging connector and a power adapter. Before using the remote the batteries should be charged for at least 10 hours.

There is a battery charge symbol in the upper left corner of the touch screen. The  indicates the batteries have a full charge. As the batteries discharge the less of the battery charge is filled. When the  symbol appears the batteries should be recharged.

To install the batteries, open the battery cover, and insert the batteries with the terminals as shown in the bottom of the battery compartment. Then replace the cover.



To charge the batteries, plug the socket of the power cord into an AC wall outlet and plug the other end of the power cord to the switching adaptor. Then attach the DC jack of the switching adaptor to the connector and insert the connector to the bottom of the RR-1070. It can take up to 17 hours to fully charge the batteries.



Notes:


1. Battery icon is not shown when the **Menu** page is displayed.
2. The unit is designed for optimum operation with the original supplied batteries.
3. **DO NOT connect power charging adapter and power supply to the RR-1070 when batteries other than those originally supplied are installed.**
4. To avoid data lost, remote setup is prohibited when batteries are weak.

the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:



- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- "Modifications not authorized by the manufacturer may void users authority to operate this device."

Getting Started

The RR-1070 has three type of keys - Hard Keys, Hot Keys and Soft Keys. Each type is described in a following section. Since most keys being referred to in the manual are soft keys, they will simply be referred to as "keys". Whenever a key is referred to its name or label is shown in small capital letters like **MENU**. Whenever a hot key or hard key is referred to it is noted. Screen names are shown in bold letters like **Home**.

After the batteries are installed the **Home** page is displayed. This page is used to select the audio/video component, or "device" the RR-1070 controls. Once a device is selected, it remains selected until another is selected on the **Home** page. You can return to the **Home** page at any time by touching the  **HOME** short cut key at the bottom of the touch screen.

From the HOME page


- Touch one of the keys on the **Home** page to select the device you want to control. The first control page for that device is displayed.
- Touch any control key on the touch screen that is labeled to send the corresponding infra-red command. Keys that are not labeled have not been programmed with IR commands.
- Each device mode has from three to six control key pages. Touch  **PAGE**  at bottom of screen to change command pages.
- Or press the **VOLUME +/-**, **CHANNEL +/-** and **POWER** hard keys.

If the RR-1070 is inactive for about 60 seconds, it goes to power saving (sleep) mode and turns off the touch screen display. Touching the screen panel "wakes up" the remote and activates the display, returning to the last page selected.

Note: When in power saving (sleep) mode, the hard keys are still active.

Touch Screen Calibration

Follow these steps to calibrate the touch screen panel. If the touch screen panel does not respond correctly it may be necessary to recalibrate the screen.

- Touch the  **MENU** short cut key to go to the Main Menu page.
- Touch the **REMOTE SETTING** key
- Touch the **CALIBRATION** key
- Follow the steps shown on the screen display
- Touch **BACK** to go back to the HOME page

Control Codes

RCA Digital Satellite System

	0393, 0403
Realistic	0133
Regency/Eastern	0683
RFT	0923
Runco	0383
Saba	1033, 1113
Sabre	0963
Sagem	0963, 1183
Salora	1053
Samsung	0273
Schneider	0983, 1113
Scientific atlanta	0363, 0563, 0573
	0583
Sedeia	0863, 0873, 0883
Signal	0273
Sky	0893
SI Marx	0273
Sony	0843, 1143
Spectavision	0233
Standard Components	0183
Starcom V	0253
Stargate	0273
Strong	1173
Sylvania/Texscan	0373, 0493
Tantec	0963, 1113
Teknika	0173
Teleservice	0053
Television	0273
Texscan	0183, 0373
TFC	0023
Thomson	0943, 0963
Tocom	0223, 0353, 0503,
	0513, 0523
Toshiba	0383, 0853
Tps	0873, 1183
Tudi	0043
Universum	1023
Uniden	0763
Unika	0133
Universal	0133, 0153, 0203
	0283
Ventana	0923
Videoway	0093
Viewstar	0213
Wisi	0963
Xsat	0883
Zenith	0243, 0383, 0483

Control Codes




SAT/DSS/CBL

Abc	0253, 0373
Akiba	0963
Alba	0963
Allsat	0923
Alpha star	0773
Amstrad	1143
Ansonic	0953
Antronix	0133
Archer	0133, 0283
Astra	1053
Autovox	1113
Bbt	0073
Beko	0963
British Sky Broadcasting (BskyB)	1143
BT	1033
Cabletime	0163
Canal Digital	0943
Canal Satellite	0943, 0953
Canal +	0863
Canalt	0943
Carena	0963
Clyde Cablevision	0193
Colour voice	0303, 0343
Comtronics	0213, 0273
Conrad	1063
Cyrus	0923
DNT	0923
Dual	1113
D-box	1073
Eagle Comtronics	0273
Eastern	0063
EchoStar	0783, 0943
Electricord	0203
Electus	0263
Ferguson	1113
Finlandia	0963, 1053
Finlux	0963
Flint	0963
GE	0113, 0123
Gen Cable System	0193
General Instrument	0793, 0803
Gold Box	0943, 0953
Gooding	1023
Goodmans	0963
Granada	1053
Grundig	0973, 0983, 1023, 1143
Hamlin	0633, 0643, 0653, 0663, 0673
Hirschmann	1063
Hisawa	0963
Hitachi	0753, 0963
Hts	0783
Hughes Network Systems	0813

ITT	1053
ITT/Nokia	1163
Jerrold	0253, 0433, 0593, 0603, 0613, 0803
	0823
JOK	1033
JVC	1023
Kathrein	0923
Luxor	1053, 1063, 1073
Magnavox	0003, 0413, 0423, 0763
	0293
Mamm	0293
Manhattan	0963
Marantz	0923
Maspro	0973, 1113
Matsui	1023
MediaSat	0943
Memorex	0003, 0383, 0763
Minerva	1023
Mitsubishi	1053
Mivar	0953
Movie time	0143, 0203
Myryad	0923
Nokia	0963, 1053, 1063, 1073, 1083
	0013
Northcoast	0013
NSC	0143
OAK	0103
OAK sigma	0533, 0543
Ondigital	0933, 1013, 1093
Pace	0903, 0963, 1093, 1103, 1113, 1123, 1133, 1143, 1153
	1023
Palladium	1023
Panasat	1173
Panasonic	0443, 0453, 0463
	0473 1143
Panda	0963
Paragon	0383
Philips	0003, 0033, 0213, 0303, 0313, 0323, 0333, 0343, 0413, 0423, 0763, 0913, 0923, 0933, 0943, 0953, 0963, 0973, 0983, 0993, 1003, 1013, 1023, 1033, 1043
Pioneer	0003, 0083, 0553, 0693, 0943
Premiere	0943, 0953, 1073
Primestar	0803, 0823
Pulsar	0383
Promax	0963
Radiola	0923
RCA	0833


Hot Keys

There are 3 "hot" keys below the LCD display.

-  **HOME** – Jumps to the Main page where you select the device you want to control, e.g. TV, VCR, DVD, etc.
-  **MENU** – Accesses the main Setup menu for configuration and set up.
-  **MUTE** – A mute control that is preprogrammed for most components. This key can also be reprogrammed by learning a new control code from another remote.

Hard Keys

There are 5 hard keys on the RR-1070 for the most commonly accessed functions.

-  **Power ON/OFF**
- **CH+** Program up or channel up
- **CH-** Program down or channel down
- **VOL+** Volume up
- **VOL-** Volume down

These controls have IR control codes preprogrammed for most components. These keys can also be reprogrammed by learning new control codes from another remote.

Key Tone

When you touch any key, there is a short beep sound. User can control this function from main menu setting. (For details, please refer to Remote Setting section in this manual.)

Back Light

The RR-1070 has separate EL back lights for the LCD screen and Hard Keys. The back lights will turn on separately as needed. The factory default setting for the back light to remain on is 5 seconds. This can be increased to 10 or 15 seconds. See the Remote Setting section.

IR Codes Library

To setup a code, touch "MENU" once then select a device to setup, choose a setup method. User can setup by learning key command from an original remote control, entering a code number, browsing through brand name list, or searching through the whole library. Refer to the Code List at the end of this manual for the IR code numbers for various devices.

Configuration and Set Up

For most users programming the RR-1070 involves starting with one of the many preprogramming IR code sets that are available for each component. Then you can add to the preprogramming codes and fine tune the configuration as needed.

There are three ways to select one of the preprogramming control code sets. In order of preference they are:

- **Brand Name Search** – search for your particular component in the brand name database.
- **IR Code Selection** – enter an IR control code from the supplied list of components.
- **Auto Search** – where you are guided through a series of “trial and error” steps to find the correct control codes for your device.

NOTES:

When a new control code set is selected for any device, any learned commands and customized key names are lost and replaced with the preprogramming commands and labels.






The “ROTEL” device has preprogrammed IR code sets for Rotel Tuner/Amplifier models. The IR code set for the Rotel Integrated Amplifier RA-1060 is the default.

The “DVD” device has preprogrammed IR code sets for Rotel DVD Player models. The IR code set for the Rotel DVD Player RDV-1060 is the default.

The “CD” device has preprogrammed IR code sets for Rotel CD Player models. The IR code set for the Rotel CD Player RCD-1072 is the default.

Brand Name

Select one of the preprogramming control code sets by selecting a brand name.

- Turn on the device you want the RR-1070 to control before you start this setup procedure.
- Touch the  **MENU** hot key to go to the **Main Menu** page.
- Touch **SETUP** to go to the **Setup** page.
- Touch **BRAND NAME** key to go to the **Brand Name** device selection page.
- Touch one of the device keys, e.g. **TV**, to select the device you want the RR-1070 to control.
- A brand name list in alphabetical order is displayed. Touch the  or  keys to browse the list, or touch one of the character keys on the lower part of the page to access a list of brand names that start with that letter. Touch the  or  keys to see more character keys if necessary.
- Touch a brand name from the list, it will be highlighted briefly. The next page shows the brand name selected and the number of a control code set. Touch **TEST KEY** to go to the opening page for the device selected.

Control Codes

VCR

Akai	0262	Samsung	0212, 0312
Audio Dynamics	0202	Sanky	0472, 0512
Blaupunkt	0412	Sansui	0292, 0542
Candle	0342	Sanyo	0242
Citizen	0342	SBR	0282
Curtis Mathes	0342	Scott	0342
DBX	0202	Sears	0302, 0342, 0592
Dynatech	0342, 0472		0602
Emerson	0072, 0122, 0132, 0142, 0152, 0162, 0172, 0182, 0192, 0212, 0342	Sharp	0402, 0472
		Sony	0032, 0332, 0352, 0362
Goldstar	0082	STS	0602
Goodmans	0402	Sunpak	0352
Hitachi	0102, 0562, 0572, 0582, 0592, 0602,	Sylvania	0492, 0502
JVC	0002, 0202, 0472, 0522, 0532, 0542, 0552	Teknika	0322
		Telefunken	0252
Kenwood	0202, 0542	Tmk	0212
LXI	0022, 0342	Toshiba	0062, 0302, 0342
Magnavox	0342, 0482, 0492, 0502, 0512	Vector Research	0202, 0432
Marantz	0202, 0402	Victor	0542, 0552
Matsushita	0342	Video Concepts	0202, 0432
MEI	0222	Wards	0322, 0402, 0472, 0482, 0602
Memorex	0232, 0242, 0472, 0512	Yamaha	0202
Minolta	0592, 0602	Zenith	0042, 0362, 0512
Mitsubishi	0452, 0462, 0542		
Montgomery	0472		
Motorola	0472		
NAD	0442		
NEC	0202, 0292, 0422, 0432, 0542		
Olympus	0412		
Optimus	0442, 0472		
Optonica	0402, 0472		
Orion	0212		
Panasonic	0012, 0052, 0092, 0222, 0342, 0372, 0382, 0392, 0412, 0202, 0432, 0602,		
Penny	0592, 0602		
Pentax	0282, 0342, 0402, 0492		
Philips	0442, 0542		
Pioneer	0512		
Pulsar	0272		
Quartz	0382, 0392		
Quasar	0472		
Radio Shack	0112, 0382, 0392, 0482, 0592, 0602		
RCA	0402, 0472		
Realistic	0352, 0362		
Ricoh	0212, 0582		
Saisho			

Control Codes

TV

Akai	0331	Osaki	0271
Alba	0431	Panasonic	0191, 0251
Amstrad	0481	Penny	0161, 0351, 0361, 0521, 0531
Anam	0251	Philco	0361, 0581, 0591, 0601
AOC	0361	Philips	0401
Bauer	0441	Pioneer	0511, 0551
Candle	0351, 0361	Proton	0351, 0501
Centurion	0411	Pulser	0351
Citizen	0351, 0361	Quasar	0251
Colorlyme	0361	Radio Shack	0541
Concerto	0351	RCA	0051, 0141, 0151, 0181, 0411, 0491, 0531
Craig	0251	Realistic	0541
Curtis Mathes	0161, 0361	Saisho	0331
Daewoo	0291, 0301, 0331	Sampo	0361
Decca	0271	Samsung	0331, 0341, 0351, 0361
Dixi	0331	Sanyo	0171, 0231, 0271
Elta	0331	Sears	0161, 0171, 0351, 0481, 0521
Emerson	0021, 0061, 0071, 0081, 0091, 0101, 0111	Sharp	0461, 0471, 0541, 0611, 0621
Envision	0361	Signature	0351, 0381
Etron	0331	Simpson	0581
Fisher	0171	Sony	0371, 0451, 0631
Formenti	0441	Squareview	0481
GE	0131, 0161, 0201	Surpa	0351
Gec	0271	Sylvania	0361, 0441, 0581, 0591, 0601
Gemini	0391	Symphonic	0481
Genexxa	0431	Tandy	0271, 0431
Goldstar	0031, 0121, 0351, 0411	Tatung	0271
Goodmans/Tashiko	0011, 0271	Techwood	0351
Hitachi	0181, 0351	Teknika	0351, 0381, 0571
Jensen	0311	Teletech	0331
JVC	0001, 0261, 0281	Tera	0501
Kenwood	0361	Tmk	0351
Logik	0381	Toshiba	0351, 0521
Luxman	0351	Vector Research	0361
Magnasonic	0031	Vidikron	0211
Magnavox	0341, 0391, 0401, 0411, 0421, 0581, 0591, 0601	Wards	0361, 0381, 0451, 0541, 0581, 0591, 0601
Marantz	0221, 0351, 0361	Yamaha	0361
Matsui	0271, 0331	Zenith	0011, 0041, 0381
Memorex	0331, 0351, 0381, 0571		
MGA	0361, 0561, 0571		
Mitsubishi	0221, 0321, 0561, 0571		
Montgomery	0351		
MTC	0351, 0361		
NAD	0551		
NEC	0241, 0351, 0361		
Nikkai	0271, 0431		
Nikko	0031		
Optimus	0551		
Optonica	0541		

- Test this control code set by touching one of the active keys on the LCD screen or press one of the Hard Keys.
- After testing one key the previous page is displayed. If the test key you pressed worked as it should press **OK** to select that code set. A "New code setup is completed." message is briefly displayed.
- If the test key did not work as intended touch **+** on the **Brand Name** page to select the next control code set to test. (Touch **-** key to select a previous code set.) Repeat the test key procedure. Repeat this step if necessary until you find a control code set that works. Then press **OK** to select that code set. A "New code setup is completed." message is briefly displayed.
- Touch **BACK** at any time to stop the process and return to the previous page.

Note: If you have tried all the available codes for the brand name you will see the following messages: "No more code for this brand! End of code of selected brand! Search through all code library?" Touch **YES** to start the Auto Search process. Refer to Auto Search Setup section in this manual. Touch **NO** to return to the previous page.

Enter Code

Select a preprogramming control code set by entering the control code set number. Refer to the enclosed code list to see if the device you wanted to control is listed.

- Turn on the device you want the RR-1070 to control before you start this setup procedure.
- Touch the **MENU** hot key to go to the **Main Menu** page.
- Touch **SETUP** to go to the **Setup** page.
- Touch **ENTER CODE** to go to the **Enter Code** device selection page.
- Touch one of the device keys, e.g. **TV**, to select the kind of device you want the RR-1070 to control.
- Touch the numeric keys to enter a 4 digit code number in the blank box at the top of the page. If you enter an incorrect number touch **DELETE** to delete the previous digit.
- Touch **OK** to confirm the input. The Enter Code test key page is displayed.
- Touch **TEST KEY** on the LCD screen or any of the hard keys to test the corresponding function.
- Test this control code set by touching one of the active keys on the LCD screen or press one of the hard keys.
- After testing one key the previous page is displayed. If the test key you pressed worked as it should press the **OK** key to select that code set. A "New code setup is completed." message is briefly displayed.
- If the test key did not work as intended repeat the preceding steps with a new code number. Repeat the test key procedure. Repeat this step if necessary until you find a control code set that works. Then press **OK** to select that code set. A "New code setup is completed." message is briefly displayed.
- Touch **BACK** at any time to stop the process and return to the previous page.

Auto Search

Select a preprogramming code by searching through the library.

- Turn on the device you want the RR-1070 to control before starting this setup procedure.
- Touch the **MENU** hot key to go to the **Main Menu** page.
- Touch **SETUP** to go to the **Setup** page.
- Touch **AUTO SEARCH** to go to the **Auto Search** device selection page.
- Touch one of the device keys, (e.g. **TV**), to select the kind of device you want the RR-1070 to control. The Auto Search page is shown with the first control code set for that device selected.
- Point the RR-1070 at the device and touch **+** once. If the device is turned off touch **OK** to select that control code set. A "New code setup is completed." message is briefly displayed.
- If the device is not turned off keep touching **+** slowly, patiently and repeatedly, until your device is switched off. Then, touch **OK** to lock the code. A "New code setup is completed." message is displayed.
- You can also touch **TEST KEY** on the Auto Search page to test the other active preprogramming keys for that device.
- Touch **-** to go back and test a previous control code set.
- Touch **BACK** at any time to stop the process and return to the previous page.

NOTE: Some of control code sets do not have Power command. Try touching **TEST KEY** on the Auto Search page to test another active key. Or one of the **VOLUME +/-** or **CHANNEL +/-** hard keys can be used to test a control code set.

Learning New Commands

Even if you start with a preprogramming control code set you will probably want to use the learning capabilities of the RR-1070 add control codes or modify existing ones.

NOTE: When a key is programmed with a new control code the previous code is overwritten. The original preprogramming code can be restored. See the **Clear Learning** section of this manual. The original code can also be restored by selecting the original preprogramming control code set. However this will also erase all other learned commands and customized labels.

To Program New Commands

- Touch the **MENU** hot key to go to the **Main Menu** page.
- Touch **SETUP** to go to the **Setup** page
- Touch **LEARNING** to go to the **Learning Device** selection page.
- Touch one of the device keys, (e.g. **TV**), to select the kind of device you want to program. The first Learning page for that device is shown. Any programmed keys are shown. Unprogrammed keys are blank.
- Each device will have from three to six pages. Touch **▲** or **▼** to access other pages.
- Touch the key on the RR-1070 you want to reprogram. The **Learning** page appears.

Specifications

Operation System:

Integrated preprogrammed & learning infrared remote control system

Compatibility:

Preprogrammed with code library of Televisions (TVs), Video Cassette Recorders (VCRs), Satellite/Digital Satellite Receivers (SAT/DSS), Cable Converters (CTVs), Laser Disc Players (LDs), Compact Disc Players (CDs), Digital Video Disc Players (DVDs) and Rotel Tuner/Amplifier (ROTEL)

Memory Capacity:

240 learned commands

Memory Retention After Battery Removal:

Non-volatile and permanent memory

Display Panel:

Monochrome 320 x 80 pixel touch screen LCD

EL Backlighting:

Blue-Green EL backlighting with light sensor

Operating Distance:

8 Metres (25 feet)

Power Requirement:

4 x AAA size NiMH rechargeable batteries

Charging Time:

About 17 hours

Dimensions:

220 x 51 x 25 mm

Weight :

165g (without batteries installed), 215g (with batteries installed)

Included Accessories:

- 1 Power Cord
- 1 AC/DC switching adaptor (Input: 100-240V ~50/60Hz. Output: 9V, 0.667A)
- 1 Connector (for charging purpose)
- 4 AAA NiMH size rechargeable batteries

Optional Accessories:

- Docking Charger — Quick charger
- PC Link software for MS Windows 98, 2000
- USB Cable



For improvement purposes, specifications and functions are subjected to change without priority notice.

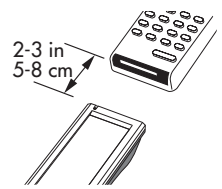
Q: What is Cloning?

A: The Cloning feature enables you to transfer data from one RR-1070 to another. This can only be done between two RR-1070 units. See the Cloning the RR-1070 Commands section.

Q: What is PC Link?

A: The PC Link feature enables you to upload and download remote setting data to and from your Personal Computer. You can also perform remote customization such as different key shape or layout editing with the PC software. Using the PC Link feature requires the RR-1070 Docking Station and the corresponding computer software installed in your PC. For details, please refer to the owner's manual of the RR-1070 Docking Station.




- Point the original remote at the front of the RR-1070. Press and hold the key on the original remote until the key naming page shows on the RR-1070. This normally takes several seconds.
- Edit the key name or just touch **OK** to accept the existing name. See the Changing Key Names section.
- Touch another key to continue learning for the rest of the commands you want to program.
- If the RR-1070 does not receive a signal from the original remote within 30 seconds the "Learning is failed! Try again." message appears and you are returned to the **Device Learning** page.
- Touch the  **MENU** or  **HOME** hot keys to cancel the key reprogramming and return to the corresponding page.



Note: The optimum receiving distance for remote learning is 2-3 inches (5-8cm). If you have problems during the learning process try adjusting the distance between the two remotes and try again.

Dual Signal Learning

Some remote controls send one signal for one phase of a process and a different signal for the other phase. The control codes or power on/off and muting on/off are sometimes set up this way. If you program a control code that works intermittently your original remote may have dual signals. The following steps show how to set up the RR-1070 for dual signals.

- Touch the  **MENU** hot key to go to the **Main Menu** page.
- Touch **SETUP** to go to the **Setup** page.
- Touch **LEARNING** to go to the **Learning Device** selection page.
- Touch one of the device keys, (e.g. **TV**), to select the kind of device you want to program.
- Touch or press the key on the RR-1070 you want to reprogram. The **Learning** page appears.
- Point the original remote at the front of the RR-1070. Press and hold the key on the original remote until the key naming page shows on the RR-1070. This normally takes several seconds.
- Edit the key name or just touch **OK** to accept the existing name.
- Touch or press the same key on the RR-1070. The **Learning** page appears.
- Again point the original remote at the front of the RR-1070. Press and hold the same key on the original remote until the key naming page shows on the RR-1070.
- Edit the key name or just touch **OK** to accept the existing name. You are returned to the **Device Learning** page.
- Touch the  **MENU** or  **HOME** hot keys to cancel the key reprogramming and return to the corresponding page.

NOTE: You can check the amount of memory remaining for learning additional commands from the **STATUS** menu. See the Remote Setting section in this manual.


Advanced Set Up



Editing Key Labels

The letter and symbols shown on most of the soft keys can be changed. During the editing process you will go to the Device Name or Key Name editing pages.

In this page the top window is the editing box.

- Touch **DELETE** to remove the previous character(s).
- Touch **BACK** to cancel the process and return to the previous page.
- Touch **OK** to accept the label shown in the editing box.

At the bottom of the page is the character selection area. There are three character sets as indicated by the **ABC ?!A** . Touch the folder symbol to change to another character set.

All three character sets have multiple pages. Touch  or  to go to other pages.

ABC has all the normal letter and number characters and the SPACE character.




?!A has punctuation, symbols and special characters.

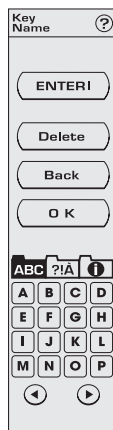
i has symbols related to a full range of A/V system control functions.

Touch **MENU** or **HOME** hot key to cancel the process and return to the corresponding pages.

NOTE: The key must have been programmed with a control code before the label can be edited. Preprogrammed control codes are all labeled. As part of the control code learning process you can enter a label or leave the key blank and then add a label later.

To Change a Control Key or Device Key Name

- Touch the  **MENU** hot key to go to the **Main Menu**.
- Touch **EDIT** to go to the **Edit Menu**.
- Touch **KEY NAME** or **DEVICE NAME** to select the type of key you want to change.
- If you selected **DEVICE NAME** you go to the **Device Name** page. Touch the device key you want to change. You will go to the **Device Name** editing page.
- Use the keys as previously described to edit the label. Touch **OK** to accept the label and return to the **Device Name** page.
- Touch another Device Name label to edit it or touch  **MENU** or  **HOME** to stop the editing process and return to the corresponding page.

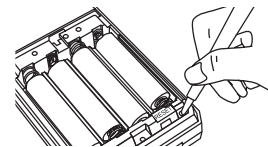


Troubleshooting and Common Questions

Q: My RR-1070 is not working!

A: Be sure the supplied batteries are installed with the correct polarity and that they are fully charged. See the Battery Installation and Charging section of this manual.

A: If your RR-1070 should “lock up” or “freeze” it may be necessary to reset it. You can reset the RR-1070 by pressing the **RESET** key inside the battery compartment. See the illustration.



Q: I have installed a code for my device from the provided code list but the remote is not working or not working properly with my device.

A: The selected code is not matched with your device. Try another code if it is available on the code list. Or use the **Auto Search** feature to locate another code. Or you can use the original remote to reprogram the RR-1070 using the Learning Function. See the Configuration and Set Up and Learning New Commands sections.

Q: I have used my original remote to reprogram the RR-1070, but some commands work inconsistently.

A: Your original remote may have dual signal commands. Try re-programming the RR-1070 for dual signal commands as described in the Dual Signal Learning section.

Q: I cannot move a key to another location.

A: The two keys you want to exchange positions must be the same type. You cannot exchange the position of one key with a key of a different type. See the Moving a Key section.

Q: The back lighting is not working.

A: You must select either **By Sensor** or **Always On** in the Remote Setting menu. See the LCD Display and Backlighting Controls section.

Q: How can I prevent someone from changing the settings of my RR-1070?

A: Activate the “Password ” function to lock your remote. See the **Password** section.

Q: I forgot my password.

A: Use the factory preloaded universal password, “AAAAA”.

Q: How can I restore the factory preloaded setting of the RR-1070?

A: Carefully follow the instructions in the Restore Factory Settings section.

Q: What is Smart Key?

A: The Smart Key feature of the RR-1070 enables you to program a series of commands, with or without necessary time delays. When you touch a programmed Smart Key the RR-1070 sends a chain of IR signals automatically. See the Smart Key programming section.

Copy One Device

To copy all the user settings for a single device:

- On the sender and receiver units touch **MENU**. The **Main Menu** page appears.
- Touch **CLONE** to go to the **Clone** page.
- On the receiver unit touch **RECEIVE**. A **Data Loss** confirmation page appears. Touch **YES** to continue. Touch **NO** to cancel the process and return to the previous page.
- On the sender unit touch **COPY ONE DEVICE**. The Device Selection page appears.
- Touch a device to select it. A Sending Data message appears.

Copy All Devices

To copy all the user settings for all devices:

- On the sender and receiver units touch **MENU**. The **Main Menu** page appears.
- Touch **CLONE** to go to the **Clone** page.
- On the receiver unit touch **RECEIVE**. A **Data Loss** confirmation page appears. Touch **YES** to continue. Touch **NO** to cancel the process and return to the previous page.
- On the sender unit touch **COPY ALL DEVICES**. A Sending Data message appears.
- All user settings except Clock and Password will be sent out via IR linking.

PC Link

The PC link enables you to connect the RR-1070 to a PC via a USB port to upload and download commands. The PC-to-remote data upload/download function requires the RR-1070 docking package which is available from the Rotel distributor for an additional cost. Software and instructions are provided with the docking station. The PC Link function cannot be done without the docking station.

Interactive Help Screens

On most of the pages you access from the Main Menu page, there is a help icon (?) on the top right corner of the page. Touch it at any time for helpful information.

- If you selected **KEY NAME** you go to the **Key Name** device selection page. Touch one of the devices. You will go to the first page for that device.
- If necessary use ▲ or ▼ to go to other pages for that device. Touch the key you want to change. You will go to the **Key Name** editing page.
- Use the keys as previously described to edit the label. Touch **OK** to accept the label and return to the previous **Key Name** page.
- Touch another key label to edit it or press **HOME** or **MENU** to stop the editing process and return to the corresponding page.

Notes About Label Editing

The number of characters that can be in a label depends on the size of the key. The Device Name and other large keys can have up to seven characters. Smaller keys may allow as few as two characters.

The ◯ special soft key, once it is programmed, will always show ◯ and ◯ at the ends. The bar in the middle can contain a label of four characters

The keys that make up the five key array can all be programmed with new codes. Once the four outside keys are programmed they will always show ◀, ▶, ▲ and ▼. These labels cannot be changed. Once the center key is programmed it can be labeled with up to two characters or symbols.



Spaces count as characters.

Moving a Key

You can move a key to a different position or even a different page for the device. For example there may be a preprogramming command on the third page of a device set that you may want on the first. In many cases you can exchange keys positions. There are a few exceptions:

- The keys must be the same type. Keys of the same size are usually compatible.
- The keys in a ◯ or in a ◯ typically cannot be moved.
- The keys can only be moved with the same device.

To exchange the position of two keys:

- Touch the **MENU** hot key to go to the **Main Menu**.
- Touch **EDIT** key to go to the **Edit Menu**.
- Touch **MOVE KEY** to go to the first **Move Key** device selection page.
- Touch a Device Key. You will go to the first page for that device.
- If necessary use ▲ and ▼ to go to other pages for that device.
- Touch the key you want to move. The first **Move Key** confirmation page appears with the name of the key to be moved. Touch **OK** to accept this key.

— continued

- Touch the key you want the first key to exchange positions with. If necessary use ▲ and ▼ to go to other pages for that device. Remember the keys must be the same type and size.
- The second **Move Key** confirmation page appears showing the two keys chosen to exchange positions.
- Touch **OK** to accept the move. A confirmation page appears if the move is completed.
- If the move is not completed an error message explains why. You are returned to the previous **Move Key** selection page.
- Touch **CANCEL** at any time to stop the process and return to the previous page.
- Touch the **MENU** or **HOME** hot keys at any time to stop the process and return to the corresponding page.

Rearranging Home Screen Device List

You can change the order of the device keys on the Home page by exchanging their positions.

- Touch the **MENU** hot key to go to the **Main Menu**.
- Touch **EDIT** to go to the **Edit Menu**.
- Touch **MOVE DEVICE** to go to the first **Move Device** selection page.
- Touch the device key you want to move. The first **Move Device** confirmation page appears with the name of the key to be moved. Touch **OK** to accept this key.
- Touch the device key you want the first key to exchange positions with. The second **Move Key** confirmation page appears showing the two keys chosen to exchange positions.
- Touch **OK** to accept the move. A confirmation page appears.
- Touch **CANCEL** at any time to stop the process and return to the previous page.
- Touch the **MENU** or **HOME** hot keys at any time to stop the process and return to the corresponding page.

Deleting a Key

You can delete the label and command codes for any key.

- Touch the **MENU** hot key to go to the **Main Menu**.
- Touch **EDIT** to go to the **Edit Menu**.
- Touch **DELETE KEY**. The **Delete Key** device selection page appears. Touch one of the devices. The first page for that device appears.
- If necessary use ▲ and ▼ to go to other pages for that device.
- Touch the key you want to delete. The **Delete Key** confirmation page appears showing the selected key.
- Touch **YES** to delete the key. A confirmation message appears. Touch **NO** to cancel the process and return to the previous page.
- Touch the **MENU** or **HOME** hot keys at any time to stop the process and return to the corresponding page.

NOTE: New key and delay commands can only be added at the end of the command sequence. Add the new command at the end of the sequence then select it and touch **MOVE UP** as needed to move it up in the sequence.

- Touch **TEST** to see if the command sequence works properly.
- When the test produces the results you want touch **OK**. The Smart Key label editing page appears. The current name for the Smart Key in the editing box.
- Touch **OK** to accept the existing name. Or use the keys as described in the Advanced Set Up section to edit the Smart Key label. Touch **OK**.

Deleting a Smart Key

- From the Smart Key page touch **DELETE SMART**. The **Delete Smart** page is displayed.
- Touch the Smart Key you want to delete. A Confirm Deletion page is displayed.
- Touch **YES** to delete the Smart Key. Or touch **NO** to cancel the process and return to the previous page.

Renaming a Smart Key

- From the Smart Key page touch **RENAME SMART**. The **Rename Smart** page is displayed.
- Touch the Smart Key you want to rename. The **Rename Smart** page is displayed.
- Use the keys as described in the Advanced Set Up section to edit the Smart Key label. Touch **OK**.
- Touch **BACK** at any time to cancel the process and return to the previous page.

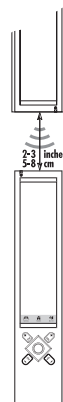
Cloning the RR-1070 Commands

Once you have an RR-1070 programmed as you want, you can copy all of the commands for a single device or for all the devices to another RR-1070.

NOTE: The process can only be done with two RR-1070 remotes. Other remotes are not compatibly programmed. You have to identify which unit is the sender and which one is the receiver. The sender is the unit which contains data that will be transferred to the other RR-1070. The receiver is the unit which will copy the signals from the sender.

When you copy the commands for a single device or for all devices from one RR-1070 to another, any special set up or learned commands in the receiver unit are overwritten.

Keep both sender and receiver units on a flat surface, face to face at a distance of 2-3 inches (5-8cm) during the cloning process. Do not move the units while commands are being copied. The flashing light on the upper left corner of the case indicates data transfer activity.



Before you program a Smart Key be sure that all of the control commands you want to use are preprogramming or have been learned by the RR-1070. The Smart Key feature simply allows you to record a sequence of individual RR-1070 commands and play them back when you touch the Smart Key.

Touch the **MENU** hot key to display the Main Menu. Touch **SMART**. The **Smart Key** editing page is displayed. From this page you can add, delete, edit or rename a Smart Key.

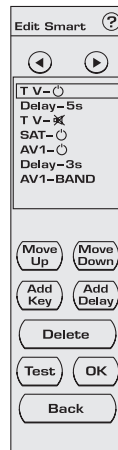
Program a New Smart Key Command

- From the Smart Key page touch **ADD NEW SMART**. The **Add New Smart** page is displayed.
- Touch an empty Smart Key.
- Touch **ADD KEY**. The Device Selection page is displayed.
- Touch a device to select it. The first control key page for that device is displayed.
- Touch the control key you want to add to the Smart Key. If necessary touch **▲** or **▼** to go to other control key pages for that device. The Smart Key editing page is again displayed. The device and label for the key are added to the command list.
- To add a time delay after the most recently entered command touch **ADD DELAY** one or more times. The maximum delay is 20 seconds.
- Continue adding commands and delays to the command list. When all the commands and delays are entered touch **TEST** to see if the command sequence works properly.
- Edit the command list if necessary then touch **TEST** again. When the test produces the results you want touch **OK**. The Smart Key label editing page appears.
- Use the keys as described in the Advanced Set Up section to edit the Smart Key label. Touch **OK**.

Editing a Smart Key Command

You can edit a Smart Key command sequence either as you create it or later. The **Add New Smart** and **Edit Smart** pages are essentially the same. The top box shows the command keys, if any, entered in the Smart Key sequence. If there are more than eight steps in the sequence touch **▲** or **▼** to see them.

- From the Smart Key page touch **EDIT SMART**. The **Edit Smart** page is displayed.
- Touch the Smart Key you want to edit. The **Edit Smart** page is displayed.
- Touch any command key in the top editing box to select it. The selected command is highlighted with a box around it.
- Touch **MOVE UP** or **MOVE DOWN** to reposition the command in the sequence.
- Touch **DELETE** to remove the command from the list.
- Touch **ADD KEY** or **ADD DELAY** to add new commands to the sequence.



Preference Settings

Volume/Mute Control Punch Through

The Punch Through feature lets you control the volume and muting of the TV or ROTEL AMP devices even when the RR-1070 is in another device mode. For example, you can make the RR-1070 volume and mute controls affect the TV when the DVD device mode is selected.

- Touch the **MENU** hot key to go to the **Main Menu**.
- Touch **PREFERENCES** to go to the **Preferences Menu**.
- Touch **PUNCH THROUGH**. The first **Punch Through** page appears. Touch **TV** or **ROTEL** to select the source device. The second **Punch Through** page appears.
- Touch a device key to select the target device. A confirmation message appears.
- Touch **BACK** to stop the process and return to the previous page.
- Touch the **MENU** or **HOME** hot keys at any time to stop the process and return to the corresponding page.

Custom Page Set Up

You can copy command keys from any device and put together Custom Pages of keys. To access the **Custom Page** touch **CUST.PGE** on the **Home** page.

- Touch the **MENU** hot key to go to the **Main Menu**.
- Touch **PREFERENCES** to go to the **Preferences Menu**.
- Touch **CUSTOM PAGE**. The first **Custom Page** page appears. Touch the key you want copy a command key to. If necessary touch **▲** or **▼** to go to other Custom Page pages. The **Custom Page** device selection page appears.
- Touch a Device key. You will go to the first page for that device.
- If necessary use **▲** or **▼** to go to other pages for that device.
- Touch the key you want to copy to the **Custom Page**. A confirmation page appears. Touch **YES** to copy the key to the location you selected on the **Custom Page**. Touch **NO** to stop the process and return to the previous page.
- Touch another **Custom Page** key to copy a key to.
- Or touch the **MENU** or **HOME** hot key to stop the process and return to the corresponding page.

Note:




To view the device that a key on the Custom Page comes from, touch the header bar on the **Custom Page** page once to change between displaying the key name and the device name.

The labels for keys on the **Custom Page** cannot be edited. However if the original key label is deleted or renamed, it is also changed on the **Custom Page**.

Remote Setting


Clock Setting

To reset the time displayed in the upper right corner of the touch screen:

- Touch the  **MENU** hot key to go to the **Main Menu**.
- Touch **REMOTE SETTING** to go to the **Remote Setting** page.
- Touch **CLOCK**. The time/day setting page appears.
- To change the time setting touch **SET** below the Current Time box. The Set Clock page appears.
- Touch the numeric keys to enter a new time. The 24 hour format is used. You must touch four numeric keys to complete the time resetting. For example, to enter 7:15 AM you would touch the 0, 7, 1 and 5 keys. To enter 4:45 PM you would touch 1, 6, 4 and 5.
- Touch **OK** to accept the time displayed. Or touch **BACK** to cancel the process and return to the previous page.
- To change the day setting touch **SET** below the Day of Week box. The Set Clock page appears.
- Touch  or  to select day of week.
- Touch **OK** to accept the day displayed. Or touch **BACK** to cancel the process and return to the previous page.


Beep Sound



The RR-1070 can emit a short beep tone when a key is touched or pressed. This feature can be turned on or off.

- Touch the  **MENU** hot key to go to the **Main Menu**.
- Touch **REMOTE SETTING** to go to the **Remote Setting** menu.
- Touch **BEEP SOUND** to go to the **Beep Sound** menu.
- Touch **ENABLE** to turn on beep sound.
- Touch **DISABLE** to turn off beep sound.
- After making a selection you return to the **Remote Setting** menu.

LCD Display and Backlighting Controls



You can control when the back lighting is turned on and how long it remains lit. The LCD touch screen and the five hard keys have separate back light systems that operate independently. The control settings for both are the same.

- Touch the  **MENU** hot key to go to the **Main Menu**.
- Touch **REMOTE SETTING** to go to the **Remote Setting** menu.
- Touch **LCD** to go to the **LCD** menu.
- **Light Auto Off** – Touch **5 Sec**, **10 Sec** or **15 Sec** to select the amount of time the back light remains on. A confirmation message is displayed. Longer time settings can reduce the amount of time the batteries remain charged.
- **Backlit Control** – Sets when the back light is turned on. If you touch **BY SENSOR** the back light comes on only in low light conditions. Touch **ALWAYS ON** and the back lighting turns on whenever a key is used. Touch **ALWAYS OFF** to turn off the back lighting. A confirmation message is displayed.
- Touch **BACK** to return to the Remote Setting page.

- If you touch **ALL DEVICE** a “Restore all Deleted keys?” message is displayed.
- Touch **YES** to confirm. A “Restore is completed!” message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.





All to Default

Touch this key to restore all the original preprogramming settings. *If you use this process all user modified settings are erased! All relabeled, moved or reprogrammed keys are restored to their original settings. All learned IR control codes are erased. Only the clock and password settings remain.*

- From the Reset Default menu touch **ALL TO DEFAULT**. A “Restore to Factory Default” message is displayed.
- Touch **YES** to confirm. A “Restore is completed!” message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.

Status

Touch this key to show information about the settings of the RR-1070.

- Touch the  **MENU** hot key to go to the **Main Menu**.
- Touch **REMOTE SETTING** to go to the **Remote Setting** menu.
- Touch **STATUS** and the first **Status Screen** is displayed. It shows the IR control code numbers selected for each device.
- Touch  to display the second Status Screen. It shows the settings for back lighting, beep sound, password as well as the memory available for learning commands and the firmware revision number.
- Touch **BACK** to return to the **Remote Settings** page. Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.

Smart Key Programming

The Smart Key feature of the RR-1070 allows to send a series of commands to one or more devices. For example you might want to create a Smart Key that turns on the TV set, selects channel 5, turns on the surround processor, and selects the TV input. Once you program a Smart Key you access it by touching **SMART** on the **Home Screen**. There are ten Smart Keys. Each can contain up to 32 steps (including added time delays).

NOTE: *Once a Smart Key command sequence is started, you can stop it by pressing one of the 5 Hard Keys. A “Command is Stopped” message appears then the Smart Key page is displayed.*

— continued

- If you touch **ONE DEVICE** a device selection page is shown. Touch to select a device. A “Clear all Moved keys in this device?” message is displayed.
- Touch **YES** to confirm. A “Restore is completed!” message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the **HOME** or **MENU** hot key to stop the process and return to the corresponding page.
- If you touch **ALL DEVICES** a “Clear all Moved keys?” message is displayed.
- Touch **YES** to confirm. A “Restore is completed!” message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the **MENU** or **HOME** hot key to stop the process and return to the corresponding page.

Move Device

Touch this key to restore the device keys on the Home Page to their original positions.

- From the Reset Default menu touch **MOVE DEVICE**. A “Clear all Moved devices?” message is displayed.
- Touch **YES** to confirm. A “Restore is completed!” message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the **MENU** or **HOME** hot key to stop the process and return to the corresponding page.

Deleted Key

Touch this key to restore keys that have been deleted. This process also restores the original IR command codes.

- From the **Reset Default** menu touch **DELETED KEY**. The **Deleted Key** page is displayed.
- Touch **ONE KEY**, **ONE DEVICE** or **ALL DEVICES**.
- If you touch **ONE KEY** a device selection page is shown. Touch to select a device. The first control page for that device is displayed.
- If necessary touch **▲** or **▼** to go to other control pages. Touch the key you want to restore. A “Restore this Deleted key?” message is displayed.
- Touch **YES** to confirm. A “Restore is completed!” message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the **MENU** or **HOME** hot key to stop the process and return to the corresponding page.
- If you touch **ONE DEVICE** a device selection page is shown. Touch to select a device. A “Restore all Deleted keys in this device?” message is displayed.
- Touch **YES** to confirm. A “Restore is completed!” message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the **MENU** or **HOME** hot key to stop the process and return to the corresponding page.

Password

If you want to prevent others from changing the settings of the RR-1070 you can enable the Password System. Once the Password System is enabled the password must be entered before you can access any of the sub-menus on the **Main Menu** page.

To Enable the Password System

- Touch the **MENU** hot key to go to the **Main Menu**.
- Touch **REMOTE SETTING** to go to the **Remote Setting** menu.
- Touch **PASSWORD** to go to the **Enter Password** menu.
- Enter your password, 5 characters maximum. Touch **◀** or **▶** if necessary to see other letters. Touch **DELETE** to remove the previous character(s). Touch **BACK** to cancel the process and return to the previous page.
- Touch **OK** to accept the label shown in the editing box. A “Please enter the password again” message is displayed.
- Re-enter the password and touch **OK** again. A “Password lock is enabled” message appears. You return to the **Remote Settings** menu.

To Disable the Password System

- Touch the **MENU** hot key to go to the **Main Menu**. You will go to the Enter Password page.
- Enter your password and touch **OK**.
- Touch **REMOTE SETTING** to go to the **Remote Setting** menu.
- Touch **PASSWORD** to go to the **Enter Password** menu.
- On the **Enter Password** page leave the password box empty and touch **OK**. A “Please enter the password again” message is displayed.
- Again leave the password box empty and touch **OK**. A “Password lock is disabled” message appears. You return to the **Remote Settings** menu.

Note: Universal password is “AAAAA”.

Restore Factory Settings

You can restore any device or control key name, IR code programming or any other customization you may have to the factory “default” or original settings.









Warning: Please make sure it is really necessary to perform this function. Your RR-1070 will be reset to factory pre-loaded settings and all the learned signals/custom settings will be erased.

The first three steps of the Restore Factory Setting process is always the same:

- Touch the **MENU** hot key to go to the **Main Menu**.
- Touch **REMOTE SETTING** to go to the **Remote Setting** menu.
- Touch **RESET DEFAULT** to go to the **Reset Default** menu. From here you can select a wide range of options.



Clear Learning







Touch this key to delete learned IR commands and restore the factory original commands. If there was no command in the original configuration this step leaves the key with no IR command programmed.

- From the **Reset Default** menu touch **CLEAR LEARNING**. The **Clear Learning** page is displayed.
- Touch **ONE KEY**, **ONE DEVICE** or **ALL DEVICES**.
- If you touch **ONE KEY** a device selection page is shown. Touch to select a device. The first control page for that device is displayed.
- If necessary touch  or  to go to other control pages. Touch the key you want to restore. A "Clear this Learned key?" message is displayed.
- Touch **YES** to confirm. A "Restore is completed!" message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.
- If you touch **ONE DEVICE** a device selection page is shown. Touch to select a device. A "Clear all Learned keys in this device?" message is displayed.
- Touch **YES** to confirm. A "Restore is completed!" message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.
- If you touch **ALL DEVICE** a "Clear all Learned keys?" message is displayed.
- Touch **YES** to confirm. A "Restore is completed!" message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.

Key Rename

Touch this key to restore the factory original key labels. If there was no label in the original configuration this step leaves the key unlabeled. This process does not remove learned IR commands.

- From the **Reset Default** menu touch **KEY RENAME**. The **Key Rename** page is displayed.
- Touch **ONE KEY**, **ONE DEVICE** or **ALL DEVICES**.
- If you touch **ONE KEY** a device selection page is shown. Touch to select a device. The first control page for that device is displayed.
- If necessary touch  or  to go to other control pages. Touch the key you want to restore. A "Clear this Renamed key?" message is displayed.
- Touch **YES** to confirm. A "Restore is completed!" message is displayed. Touch **NO** to stop the process and return to the previous page.

- Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.
- If you touch **ONE DEVICE** a device selection page is shown. Touch to select a device. A "Clear all Renamed keys in this device?" message is displayed.
- Touch **YES** to confirm. A "Restore is completed!" message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.
- If you touch **ALL DEVICES** a "Clear all Renamed keys?" message is displayed.
- Touch **YES** to confirm. A "Restore is completed!" message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the  **MENU** or  **HOME** hot key to stop the process and return to the corresponding page.

Device Rename

Touch this key to restore the factory original device names on the **Home** page.

- From the **Reset Default** menu touch **DEVICE RENAME**. The **Device Rename** page is displayed.
- Touch **ONE DEVICE** or **ALL DEVICES**.
- If you touch **ONE DEVICE** a device selection page is shown. Touch to select a device. A "Clear this Renamed device?" message is displayed.
- Touch **YES** to confirm. A "Restore is completed!" message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the **HOME** or **MENU** hot key to stop the process and return to the corresponding page.
- If you touch **ALL DEVICES** a "Clear all Renamed devices?" message is displayed.
- Touch **YES** to confirm. A "Restore is completed!" message is displayed. Touch **NO** to stop the process and return to the previous page.
- Or touch the **HOME** or **MENU** hot key to stop the process and return to the corresponding page.

Move Key

Touch this key to restore the control keys, for one or all devices, to their factory original positions.

- From the **Reset Default** menu touch **MOVE KEY**. The **Move Key** page is displayed.
- Touch **ONE DEVICE** or **ALL DEVICES**.

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