



TOUCHSCREEN Universal Learning Remote Control

Thank you for choosing an RCA Universal Remote Control. You have selected a fine product designed to provide years of performance. Before attempting to use your Remote Control, please remove all parts from the box and read the instructions carefully.



remote

Limited 90 Day Warranty

RCU1000B

Table Of Contents

Battery Installation.....	3
Battery Saver	3
Code Saver	3
Power-On Default	3
RCU1000B	3
Glossary Of Terms	4-5
Setup Button	6
Quick Reference Guide	7-9
Direct Code Entry	9
Code Search	10
Code Search Notes	11
Autosearch.....	11
Code Identification	11
TV Code List	12-13
VCR Code List.....	13-14
DVD Code List	14
Satellite Code List.....	15
Cable Code List.....	15
Audio Code Lists	16
Key Label Mode	17
Setting Up An Event Timer	18
Deleting An Event Timer	19
Learn IR Mode	19
To Learn Commands	20
Learned Key Reference Guide	21
To Delete A Stored Learned Command	22
To Delete ALL Stored Learned Commands.....	22
To Program a Macro	23
To Delete a Macro	24
Reset ALL	24
Exit Setup	24
Setting More Options.....	25-28
Setting Time and Day	25
Removing the Beep	26
LCD On-Time	26
LCD Light On-Time	27
Punch Through	27-28
Notes	28
VCR/DVD Punch-Through	28
VCR Record	28
RCA All-Power-Off Feature	28
General Note	28
Troubleshooting	29
Helpline	29
Limited 90 Day Warranty	29

This Universal Remote Control is already programmed for most RCA, GE and ProScan TVs, VCRs, DBS systems, DVD players, LaserDisc players and Audio / Video Receivers. This RCU Universal Remote is Compatible With Most Brands (Of infrared remote controlled components manufactured after 1995)

NOTE: For users of RCA, GE and ProScan DBS products, older DBS model require the INFO or MENU keys on this remote be used to make programming selections. Use the SELECT key for making program selection on newer RCA, GE and ProScan DBS models.

Battery Installation

Your RCU1000B Universal Remote requires 4 new AA alkaline batteries (batteries included).

To install the batteries:

1. Turn the remote over, push on the tab and slide the cover off.
2. Insert the batteries, matching the batteries to the (+) and (-) marks inside the battery case.
3. Slide the battery cover back into place.



NOTES:

BATTERY SAVER

Your RCU1000B is equipped with a battery saver. If no keys are pressed for more than 30 seconds, the remote automatically "times-out". This saves your batteries should your remote get stuck in a place where the keys remain depressed (e.g., between the sofa cushions).

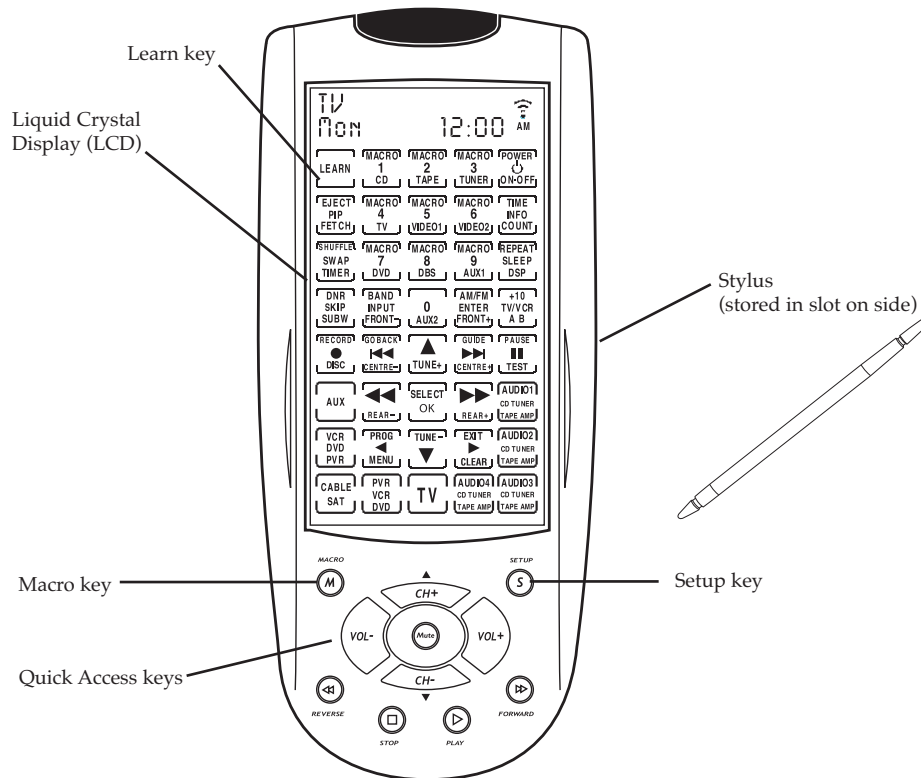
CODE SAVER

All programmed information will be retained while changing batteries.

POWER-ON DEFAULT

When you first insert or replace the batteries your RCU1000B remote will always power-on in TV Mode.

RCU1000B



For further key descriptions, see next page.

Glossary Of Terms

LCD

Liquid Crystal Display. This display acts as the “virtual” keyboard on the remote. The display is normally blank when the remote is not in use. Pressing the SETUP or MACRO key, or touching anywhere on the LCD turns the display on. The remaining Quick Access keys do not activate the display.

NOTE: Please use only the provided stylus or your finger to touch the LCD screen. Sharp objects could cause scratches or cracks.

KEYS

The keys on the LCD screen are used to enter or confirm modes of operation.

LEARN

The LEARN feature is used to supplement the preprogrammed code library. The standard code library provides most of the functions needed, but you can add a small number of additional functions of your choice.

MACRO

This setup mode, when programmed and utilized, will cause a series of events to occur. Pressing this key activates the sequence, such as “turn on the TV, then set it to channel 3, then turn on the satellite receiver, then set it to channel 57.” You can program and store 9 Macros with each one consisting of up to 20 commands.

SETUP

Successive presses of the SETUP key steps you through all the available setup routines.

MENU

Brings up the Main Menu. If you are already in the menu system, press the SELECT or MENU key to select a highlighted choice. Use the NAVIGATION keys to move through the menu selections.

NOTE: With some brands the CH+/CH- and VOL+/VOL- keys will navigate though the highlighted choices.

VOL & CH

The VOL +/- (volume) and CH +/- (channel) keys increase and decrease the volume level and channel numbers.

NOTE: With some brands these keys will also navigate though the highlighted choices.

MUTE

Mutes the volume on your device with volume control.

DEVICE KEYS

The device keys in the LCD change the device that the remote is programmed as, e.g. TV, VCR, Cable, SAT, DVD, Audio 1, 2, 3, 4.

GO BACK

The GO BACK key allows you to go to the previous channel you selected. Operates the same as the Last Channel, Previous Channel or Recall key on your existing remote.

PIP & SWAP

Picture-in-Picture (PIP) and SWAP operates your television’s Picture-in-Picture features.

SLEEP

The SLEEP key allows you to turn your device off automatically.

TIMER

Allows an event to happen at a later time, such as “turn the TV on at 7:00PM” Timer mode allows you to set up to four individual commands. Must be reprogrammed after each event occurs.

Glossary Of Terms

NAVIGATION KEYS & SELECT KEY

Use the NAVIGATION keys to move the through on-screen menu and guides. The NAVIGATION keys may also be used to move through the highlighted choices. The SELECT key will choose the highlighted choice.

NOTE: With some manufactured models the MENU or ENTER key should be used to select the highlighted choices.

ENTER

The ENTER key is used to complete channel selection for some brands of TV's. It is also used to complete the highlighted sections in the MAIN MENU.

TV•VCR

The TV•VCR key operates the TV/VCR function of your VCR.

INPUT

The INPUT key selects the video inputs of your device if equipped with this feature.

GUIDE

Brings up the on-screen programming guide if your device if equipped with this feature.

REVERSE, STOP, PLAY, FORWARD, PAUSE, RECORD

These keys operate the same as your existing remotes.

PUNCH-THROUGH

A command that PUNCHES THROUGH from one device to another. e.g., TV volume can work even while the remote is in VCR mode.

AUDIO FEATURES

AUDIO 1-4 KEYS

The Audio 1-4 keys will allow you to program your CD, Tuner, Tape, and AMP player.

CENTER, FRONT, REAR & TEST

Adjust the levels of the center, front and rear speakers respectively used with LEVEL +/ LEVEL -. The TEST key is used when you make speaker balance adjustments to maximize the performance of your audio system including this unit.

AM•FM

The AM•FM allows you to select the AM or FM band on your audio system.

LEVEL + & LEVEL -

The LEVEL keys are used when you make an adjustment on delay time, center speaker output level, rear speaker output level, front speaker level or subwoofer level.

DSP

When the DSP (Digital Signal Processing) mode is enabled, pressing this key allows the user to cycle through the various DSP modes.

PROG

The PROG key is used to program your Audio preset channels.

CD, TAPE, TUNER, TV, VIDEO1 & VIDEO2

The CD, TAPE, TUNER, TV, VIDEO1 & VIDEO2 keys are used to directly select the device you want to control.

Setup Button

The Setup key is to the lower right of the LCD. To enter the Setup Mode, press and hold the **SETUP** key. Successive presses of the **SETUP** key steps you through all the available setup routines. These are:

1. Code Setup Mode?	CODE SETUP MODE?
2. Code Search Mode?	CODE SEARCH MODE?
3. Key Labels Mode?	KEY LABELS MODE?
4. Setup a Macro?	SETUP A MACRO?
5. Delete a Macro?	DELETE A MACRO?
6. Setup a Timer?	SETUP A TIMER?
7. Delete a Timer?	DELETE A TIMER?
8. Learn IR Mode?	LEARN IR MODE?
9. Delete IR Mode?	DELETE IR MODE?
10. Delete IR ALL?	DELETE IR ALL?
11. Set More Options?	SET MORE OPTIONS?
12. Reset All?	RESET ALL?
13. Exit Setup	EXIT SETUP

NOTE: If no Macro is set then "DELETE A MACRO?" is not offered. If no Timer is set then "DELETE A TIMER?" is not offered. If nothing has been Learned then "DELETE IR MODE?" and "DELETE IR ALL?" are not offered.

Pressing Up or Down (arrows) on the LCD also steps through these Setup screens in forward and reverse directions. To exit Setup, press the **SETUP** key repeatedly, or **UP** or **DOWN** on the LCD repeatedly, until the LCD displays "EXIT SETUP." Then press **OK** on the LCD to return to normal operation. Exit from Setup occurs automatically after 60 seconds if no key is pressed. In this case "TIMEOUT" appears in the display for 3 seconds prior to returning to normal operation. Any unconfirmed changes will not be saved.

Quick Reference Guide

To program your remote to control your TV or VCR, or Cable, etc:

Enter Setup by pressing and holding the **SETUP** key, then release...
 Press TV, or VCR, or Cable etc...
 Enter 3 digit code for your brand of TV, or VCR, or Cable etc. (from the code list)...
 (see pages 12-16)
 Press and release **EXIT** then **OK** to return to normal operation.

To search for a code (instead of using the code library list):

Turn on device (e.g TV)...
 Enter Setup by pressing and holding the **SETUP** key, then release...
 Press **SETUP** again...
 Press TV, VCR or Cable...etc.
 Press **CH UP** repeatedly until TV changes channel...
NOTE: Some devices do not have the CH+/- keys. In this case press the ON•OFF key on the LCD.
 Press **OK**.
 Press and release **EXIT** then **OK** to return to normal operation.

To find out the code you have set for a particular device (TV, VCR, etc):

Press that device key. The code set is displayed at the top of the LCD.

To turn on your device:

Press device key...
 Press the ON•OFF key...

To set the time and day:

Enter Setup by pressing and holding the **SETUP** key, then release...
 Press **SETUP** repeatedly until **SET MORE OPTIONS?** is displayed...
 Press and release **OK**...
 Press and release **OK** to enter into set time...
 Press and release **LEFT** or **RIGHT ARROW** keys to select 12Hr or 24Hr time format...
 Press and release **OK**...
 Press and release the **UP** or **DOWN** key to select the DAY...
 Press and release **OK**...
 Press and release the **UP** or **DOWN** key to select the HOUR...
 Press and release **OK**...
 Press and release the **UP** or **DOWN** key to select the MINUTE...
 Press and release **OK** key twice...
 Press and release **EXIT** then **OK** to return to normal operation.

To learn a command:

Enter Setup by pressing and holding the **SETUP** key, then release...
 Press the **LEARN** key at the top of the LCD screen...
 Press and release device key (TV, VCR, etc.)...
LEARN IR KEY? is displayed. Press and release the RCU1000B key you want to "teach" a code to...
LEARNING PLEASE WAIT is displayed...
 Press and hold the original remote key you want to transfer to the RCU1000B until **LEARN IR KEY?** appears...
 Release the original remote key...
 Repeat the above for other buttons to be learned...
 Press and release **SETUP** key when all desired original remote commands have been learned..
 Press and release **EXIT** then **OK** to return to normal operation.

To delete stored learned commands under a device:

Enter Setup by pressing and holding the **SETUP** key, then release...
 Press **SETUP** repeatedly until **DELETE IR MODE?** appears...
 Press and release desired device key (TV, VCR, etc.). **CONFIRM TO DELETE?** is displayed...
 Press and release **OK** to delete all the learned keys.
 Press and release **EXIT** then **OK** to return to normal operation.

Quick Reference Guide continued

To delete all stored learned commands:

Enter Setup by pressing and holding the **SETUP** key, then release...
 Press **SETUP** repeatedly until **DELETE IR ALL?** appears...
 Press and release **OK**. **CONFIRM TO DELETE?** is displayed...
 Press and release **OK** to delete all the learned keys.
 Press and release **EXIT** then **OK** to return to normal operation.

To set a timer event:

Enter Setup by pressing and holding the **SETUP** key, then release...
 Press **SETUP** until **SETUP A TIMER?** appears...
 Press and release **OK**...
 Press and release desired device (TV, VCR, etc.)...
 Press the key you want to program to activate after a certain time delay (ON•OFF, etc.)...
 Press and release the **UP** key to select the HOUR...
 Press and release **OK**...
 Press and release the **UP** key to select the MINUTE...
 Press and release **OK**...
 Press and release **EXIT** then **OK** to return to normal operation.

To program a macro:

Enter Setup by pressing and holding the **SETUP** key, then release...
 Press the **MACRO** key...
 Press and release **OK**...
 Press and release desired **MACRO** key (1-9 available)...
 Press and release the desired device key.
 Press and release all other keys you want to add to the macro

NOTE: Under each macro key you can program up to 20 commands.

Press and release **SETUP**.
 Press and release **OK**...
 Press and release **EXIT** then **OK** to return to normal operation.

To delete a programmed macro:

Enter Setup by pressing and holding the **SETUP** key, then release...
 Press **SETUP** repeatedly until **DELETE A MACRO?** appears...
 Press and release the **OK**...
 Press and release the desired **MACRO** key to be deleted...
 Press and release **OK** to confirm macro deletion...
 Press and release **EXIT** then **OK** to return to normal operation.

To change key labels of the device:

Enter Setup by pressing and holding the **SETUP** Key, then release....
 Press **SETUP** until **KEY LABELS MODE?** is displayed.....
 Press the device key (TV, VCR, etc)....
 Press the key within that device that you want to change the label for....
 Repeatedly press it to display available labels for that key....
 Press **SETUP** to save the new label...
 Press and release **EXIT** then **OK** to return to normal operation.

To exit setup while in setup mode:

Press **SETUP** repeatedly until **EXIT SETUP?** appears...
 Press and release **OK**...
 You are now in normal operations mode...

Quick Reference Guide continued

To set the LCD on time:

- Enter Setup by pressing and holding the **SETUP** key, then release...
- Press **SETUP** repeatedly until **SET MORE OPTIONS?** is displayed....
- Press and release **OK**...
- Press the **UP** or **DOWN** key until **SET LCD ON TIME?** appears....
- Press the release **OK**...
- Press the **UP** or **DOWN** key to change the on time of the LCD screen...
- NOTE:** The time intervals that can be set are in 10 second increments.
- Press and release **OK**...
- Press and release **OK** to confirm...
- Press and release **EXIT** then **OK** to return to normal operation.

To set the light on time:

- Enter Setup by pressing and holding the **SETUP** key, then release...
- Press **SETUP** repeatedly until **SET MORE OPTIONS?** is displayed....
- Press and release **OK**...
- Press the **UP** or **DOWN** key until **SET LIGHT ON TIME?** appears....
- Press the release **OK**...
- Press the **UP** or **DOWN** key to change the Light on time...
- NOTE:** The time intervals that can be set are in 10 second increments.
- Press and release **OK**...
- Press and release **OK** to confirm...
- Press and release **EXIT** then **OK** to return to normal operation.

Direct Code Entry

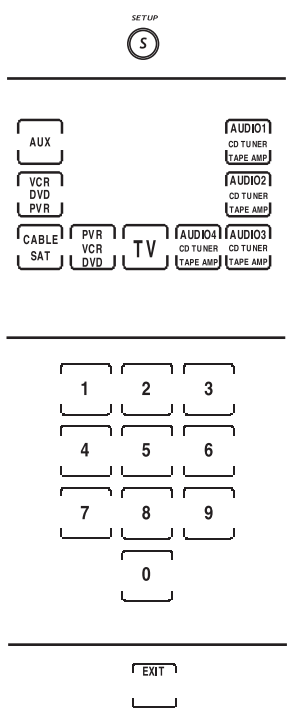
1. Manually turn on device to be controlled.
2. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP....MODE.**" Release the **SETUP** key.
3. Press and release desired device key (TV, VCR, SAT, etc.) on the LCD. The LCD displays the current device and code. For AUX, press and release **AUX** key followed by desired device key that you want to make the AUX key become.

NOTE: If you do not press a device key after pressing AUX then AUX will be a Cable device.

4. Enter the 3 digit code from the Code Tables (pages 12-16) for your brand of TV, VCR, etc. depending on what device key you pressed above (TV, VCR, etc.). For a valid code the LCD displays "**CODE SAVE SUCCESS**" followed by "**CODE SETUP....MODE?**"

NOTE: For an incorrect Code entry, the LCD displays "**INVALID ENTRY MADE**" for two seconds before displaying "**CODE SETUP....MODE?**" and no changes are made.

5. If a valid code has been entered, press **EXIT** on the LCD. Direct Code entry is now complete.



Code Search

If you can't find the code or your brand of product in the code list, you can search the entire Code Library for a particular device that may not be listed in the code list or is listed under a different manufacturer.

1. Manually turn on the device to be controlled (TV, VCR, SAT, etc.).
2. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" Release the **SETUP** key.
3. Press and release **SETUP** or **DOWN (▼)** key once. LCD displays "**CODE SEARCH...MODE?**"

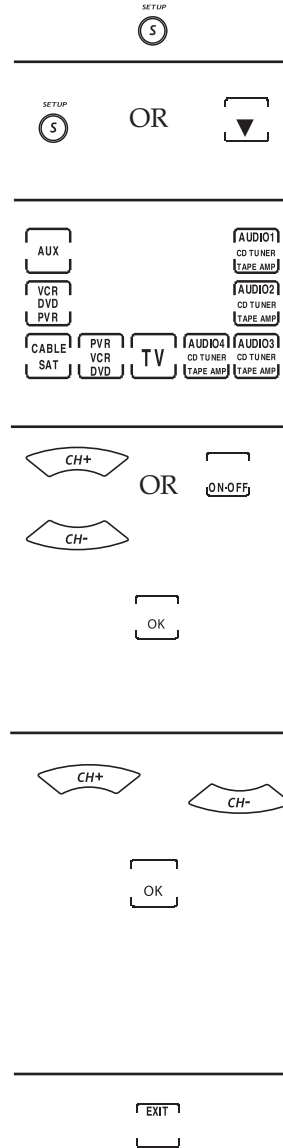
4. Press and release desired device key (TV, VCR, SAT, etc.). For AUX, press and release **AUX** key followed by desired device key that you want to make the AUX key become.

NOTE: If you do not press a device key after pressing AUX then AUX will be a Cable device.

5. The LCD displays "**CODE SEARCH...KEY?**" Press **CH +/-** or **ON•OFF** key repeatedly until the device to be controlled responds to the command. Press **OK** in the LCD to save the code.

- NOTE:**
- After the first search keypress "**SEARCHING**" and the current device and code is displayed in the LCD.
 - If you accidentally overshoot the code that responded, you can go back by pressing the **CH -** to backtrack through the library until the device changes channel. Pressing **CH +** changes the direction to forward again. Press and release the **OK** key to save the code.
 - If you reach the end of the library before pressing **OK**, the LCD shows "**SEARCH END**" for two seconds and returns to "**CODESEARCH...MODE?**". No changes are made.

6. After pressing **OK** in step 5, the LCD displays "**CODESEARCH...MODE?**". Press **EXIT** on the LCD. Code Search Method entry is now complete.



Code Search Notes

NOTES FOR AUTOSEARCH, DIRECT CODE ENTRY AND CODE SEARCH

Auto Search

You can automatically scroll through the complete code list for a device by using the Autosearch feature. After you first press CH UP, ON•OFF or PLAY in the Code Search routine, if you don't press any other keys, about 6 seconds later Autosearch automatically starts and steps through the code list one code after another. The remote sends the next code in the list every 3 seconds. This can take quite some time to go through the entire list to find the code you want but at any time you can press the normal Search keys (CH+, CH-, ON•OFF, and PLAY) to temporarily speed up Autosearch (i.e. manually override) in both forward and reverse directions. If AUX is being displayed then the display alternates between AUX and the Device label you chose (TV, VCR, SAT, etc.) or the power-on default (Cable) at 0.5 second intervals).

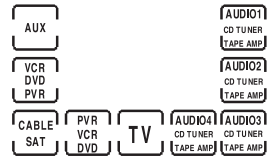
For Code Search, if the Device does not have a CH UP key, use the PLAY (VCR only) or the ON•OFF keys instead.

Code Search starts from the currently stored code number under that device. e.g. If the device has 100 codes and the currently stored code is 050 then the Code Search starts from 051 continuing to 100 before looping back to 000 and finishing at 050.

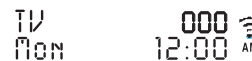
After you install its Code, all Key Labels and any previously learned functions will be reset for any device

Code Identification

Pressing and holding any device key in Normal operation shows current code setting for that device.



For Example:



Enter your codes here for easy reference:

TV CODE [] [] []	AUX device: [] [] []	AUDIO 1 Tuner <input type="checkbox"/> CD <input type="checkbox"/> Tape <input type="checkbox"/> AMP <input type="checkbox"/> [] [] [] ✓
VCR CODE [] [] []		AUDIO 2 Tuner <input type="checkbox"/> CD <input type="checkbox"/> Tape <input type="checkbox"/> AMP <input type="checkbox"/> [] [] [] ✓
SAT CODE [] [] []		AUDIO 3 Tuner <input type="checkbox"/> CD <input type="checkbox"/> Tape <input type="checkbox"/> AMP <input type="checkbox"/> [] [] [] ✓
CABLE CODE [] [] []		AUDIO 4 Tuner <input type="checkbox"/> CD <input type="checkbox"/> Tape <input type="checkbox"/> AMP <input type="checkbox"/> [] [] [] ✓
DVD CODE [] [] []		

TV Code List

This RCA Universal Remote is Compatible With Most of the Following Brands (Of Infrared Remote Controlled Components Manufactured After 1995):

Abex	185	Kloss Novabeam	068, 069, 174
Acme	012, 050	Konka	016, 047, 066, 157, 158, 176
ADA	012	KTV	014, 021, 042, 053, 070, 116, 177
ADC	001, 007	LG (Goldstar)	004, 005, 009, 056
Admiral	001, 174	.....	057, 133, 155, 156, 172
Adventura	174	Lodgenet	000, 001
Aiko	058	Loewe	062
Alleron	046	Logik	000, 001
Amark	020	Luxman	004, 009
Amtron	053	LXI	000, 004, 009, 031, 049, 062, 107, 109, 181
Akai	002	Megatron	009, 059
Amstrad	189	Magnavox	004, 008, 009, 062, 068, 069, 074
Anam National	003, 025, 042, 053, 193	.....	075, 076, 077, 089, 133, 163, 165
AOC	004, 005, 007, 009, 014, 132, 156, 175	Majestic	000, 001
Archer	020	Marants	062
Audiovox	053	Marantz	004, 009, 062
Belcor	004	Matsui	062
Bell & Howell	000, 001, 049	Megatron	004
Bradford	053	MEI	014
Broksonic	136, 147	Memorex	000, 001, 004, 009, 046, 049, 051, 135
Brokwood	004	MGA	004, 005, 009, 022, 046, 133, 180
Candle	004, 008, 009, 174	Midland	054, 055, 107, 121, 172, 181
Capehart	175	Minutz	052
Celebrity	002	Mitsubishi	004, 005, 009, 022, 046
Centurion	009	.....	081, 089, 132, 133, 180
Cetronic	042	Montgomery Ward	000, 001
Citizen 001, 004, 008, 009, 042, 053, 058, 105, 109, 177		Motorola	003, 173
Clairtone	014	MTC	004, 005, 009, 014, 105, 109
Classic	042	Multitech	053
CLP	059	Multivision	084
Colortyme	004, 009, 010	NAD	004, 009, 109, 185
Concerto	004, 009	NEC	003, 004, 005, 009, 010, 085, 089, 095
Concierge	121	Nikei	042
Contec/Cony	012, 013, 014, 042, 053	Nikko	004, 009, 058
Craig	042, 053	NTC	058
Crown	042, 053	Onking	042
Curtis Mathes	000, 001, 004, 009	Onwa	042, 053
.....	015, 031, 049, 105, 109	Optimus	170, 185
CXC	042, 053	Optonica	095, 173
Daewoo	004, 005, 009, 017, 018, 019, 042, 058	Orion	035, 121, 135
.....	082, 083, 085, 097, 100, 126, 127	Panasonic	003, 054, 055, 062, 149, 170, 171
Daytron	004, 009	Philco	003, 004, 005, 008, 009, 062
Dimensia	000, 031	.....	068, 069, 074, 075, 077, 133
Dumont	004, 121	Philips	003, 004, 006, 008, 062, 068, 069, 074
Dynasty	042	.....	075, 076, 086, 087, 089, 133, 163
Elektra	001	Pilot	004
Electroband	002, 014	Pioneer	004, 009, 090, 179, 185
Electrohome	003, 004, 009, 022, 133	Portland	004, 005, 009, 058
Emerson	004, 009, 014, 023, 024, 025, 026, 027, 030	Price Club	105
.....	032, 033, 034, 035, 036, 037, 038, 039, 040	Precision	166
.....	041, 042, 043, 045, 046, 049, 053, 116, 135	Prism	055
.....	147, 177, 179	ProScan	000, 031, 107, 181
Envision	004, 009	Proton	004, 009, 093, 175, 186
Fisher	013, 049, 050, 180	Pulsar	121
Fujitsu	046	Pulser	004
Funai	042, 053, 046	Quasar	003, 054, 055, 070
Futuretec	042, 053	Radio Shack / Realistic	000, 004, 009, 041, 042
GE	000, 003, 004, 009, 022, 031, 044, 052	.....	048, 049, 053, 095, 133, 155, 170, 172
.....	054, 055, 087, 092, 103, 107, 125, 164, 181	RCA	000, 003, 004, 005, 007, 009, 011, 031, 048, 078
Gibraltar	004, 121	.....	082, 083, 092, 094, 096, 098, 099, 101, 102, 103, 107
Grundy	046, 053	.....	113, 125, 129, 133, 167, 179, 181, 187, 188, 094, 167
Hallmark	004, 009	Rhapsody	014
Harvard	053	Runco	121
Hitachi	001, 004, 009, 013, 059, 060, 061, 137	Sampo	004, 009, 172, 175
.....	139, 140, 141, 142, 143, 144, 145, 146, 179	Samsung	004, 005, 009, 015, 104
IMA	053	.....	105, 106, 109, 133, 172
Infinity	062	Samsux	009
Inteq	121	Sansui	135, 136
Janel	174	Sanyo	004, 013, 049, 108, 180
JBL	062	Scotch	004, 009
JCB	002	Scott	004, 009, 024, 035, 042, 046, 053
JC Penney	000, 004, 005, 008, 009, 022, 031, 052	Sears	000, 004, 009, 013, 031, 046, 049
.....	054, 055, 063, 087, 105, 107, 109, 172, 181	.....	105, 107, 109, 110, 133, 180, 181, 189
Jensen	004, 009	Sharp	004, 009, 095, 111, 112, 114, 122, 123, 124, 173
JVC	013, 054, 055, 060, 065, 067, 089	Shogun	004
Kawasho	002, 004, 009	Signature	000, 001, 023
Kaypani	175	Simpson	008
KEC	042	Sonic	014
Kenwood	004, 009, 133	Sony	002, 006, 071

TV Code List continued

Spectravision.....	203	Telecaption.....	117
Soundesign.....	004, 008, 009, 042, 053, 046	Telerent.....	000, 001
Squareview.....	189	Tera.....	004, 186
SSS.....	004, 042, 053	TMK.....	004, 009
Starlite.....	053	Toshiba.....	013, 049, 089, 105, 109, 117, 118, 120
Supre-Macy.....	174	Universal.....	052, 087
Supreme.....	002	Victor.....	060
Sylvania.....	004, 008, 009, 062, 068, 069, 074	Vidtech.....	004, 005, 009
.....	075, 076, 077, 133, 161, 163	Viking.....	174
Symphonic.....	033, 053, 189	Wards.....	000, 001, 004, 005, 009, 024, 031, 033, 046, 052
Tandy.....	173	.....	062, 068, 069, 074, 075, 076, 087, 095, 119, 133
Tatung.....	003	White Westinghouse.....	097, 100
Technics.....	054, 055	Yamaha.....	004, 005, 009, 133
Techwood.....	004, 009, 054, 055	Yupiteru.....	042
Teknika.....	000, 001, 004, 005, 008, 009, 013, 042	Zenith.....	000, 001, 004, 023, 038
.....	046, 053, 058, 076, 105, 109, 170, 174	.....	058, 064, 121, 135, 136, 153

VCR Code List

This RCA Universal Remote is Compatible With Most of the Following Brands (Of Infrared Remote Controlled Components Manufactured After 1995):

Admiral.....	001	JC Penney.....	009, 013, 014, 043, 055
Adventura.....	026	.....	060, 107, 123, 111, 115, 118
Aiko.....	027	Jensen.....	055, 111
Aiwa.....	002, 026, 044	JVC.....	009, 022, 043, 111, 123
Akai.....	003, 004, 005, 006, 008, 029, 111, 112	Kenwood.....	009, 016, 043, 111, 123
Allegro.....	018, 022, 104	KLH.....	061, 131
American High.....	021, 060	Kodak.....	014, 021, 060
Asha.....	013	LG (Goldstar).....	009, 014, 121
Audio Dynamics.....	009, 123	Lloyd.....	002, 026
Audiovox.....	014	Logik.....	061
Bell & Howell.....	043	LXI.....	014
Beaumarck.....	013	Magnavox.....	021, 060, 062, 104, 106, 115, 124
Broksonic.....	012, 025, 031, 064, 085	Magnin.....	013
Calix.....	014	Marantz.....	009, 016, 021, 043, 060, 062, 064, 114, 123
Candle.....	009, 013, 014, 015, 016, 017, 019	Marta.....	014
Cannon.....	021, 060, 114, 115	Masushita.....	021, 060
Capehart.....	104, 110	MEI.....	021, 060
Carver.....	062	Memorex.....	001, 002, 013, 014, 021
CCE.....	027, 061	.....	023, 026, 043, 060, 104, 112
Citizen.....	009, 013, 014, 015, 016, 017, 019, 027	MGA.....	029, 065
Colortyme.....	009	MGN Technology.....	013
Colt.....	061	Midland.....	053
Craig.....	013, 014, 036, 074	Minolta.....	055, 107
Curtis-Mathes.....	000, 002, 022, 026	Mitsubishi.....	029, 055, 065, 066, 068, 069
.....	029, 034, 037, 073, 128	.....	070, 071, 073, 074, 123
Cybernex.....	013	Montgomery Ward.....	001, 075
Daewoo.....	015, 017, 019, 025, 026, 027, 028, 110	Motorola.....	001, 021, 060
Daytron.....	110	MTC.....	002, 013, 026
Dbx.....	009, 123	Multitech.....	002, 013, 026, 053, 061
Dimensia.....	000	NEC.....	009, 016, 024, 043, 064, 076, 077, 078, 111, 123
Dynatech.....	002, 026	Nikko.....	014
Electrohome.....	014, 029	Noblex.....	013
Electroponic.....	014	Olympus.....	021, 060
Emerson.....	002, 006, 012, 014, 015, 021, 024, 025	Optimus.....	001, 014, 109, 134, 136, 137, 138
.....	026, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038	Optonica.....	075, 134
.....	039, 040, 041, 043, 044, 045, 047, 060, 065, 105, 116	Orion.....	031
Fisher.....	009, 023, 043, 048, 049, 050, 062	Panasonic.....	021, 060, 109, 115, 125, 138, 148
Fuji.....	004, 021, 060	Pentax.....	016, 055, 107, 120
Funai.....	002, 008, 026	Pentax Research.....	009
Garrard.....	026	Philco.....	021, 060, 062, 115
GE.....	000, 013, 021, 053, 060, 115, 117, 120	Philips.....	021, 060, 062, 075, 106, 124, 146
Gradiente.....	026	Pilot.....	014
Go-Video.....	134, 143	Pioneer.....	055, 080, 081, 123
Harley Davidson.....	026	Portland.....	016, 017, 019, 110
Harman Kardon.....	009, 068	ProScan.....	000
Harwood.....	061	Protac.....	061
Headquarter.....	043	Pulsar.....	104
Hitachi.....	002, 055, 057, 107, 111, 120, 122, 144, 145	Quarter.....	043
HI-Q.....	023	Quartz.....	043
Instant Replay.....	008, 021, 060	Quasar.....	021, 060, 115, 125
Inteq.....	014	RCA.....	000, 003, 013, 021, 053, 055, 060, 082, 083
JCL.....	021, 060	.....	084, 086, 087, 088, 089, 090, 091, 120, 125

VCR Code List continued

Radioshack/Realistic	000, 001, 002, 013, 014	Symphonic.....	002, 026
.....	021, 023, 026, 029, 043, 049, 050, 060	Tandy	002, 043
.....	075, 109, 112, 115, 136, 137, 138	Tashiko	014
Radix	014	Tatung.....	111
Randex	014	Teac	002, 026, 111
Replay	148	Technics	021, 060, 109
Ricoh.....	128	Teknika	002, 014, 021, 026, 060, 100
Runco	104	TiVo.....	146, 147
Samsung	005, 013, 015, 033, 053, 055, 112, 129, 134	Toshiba.....	015, 049, 055, 062, 065, 093, 116
Sanky	001, 104	Totevision	013, 014
Sansui	092, 111, 123	TMK	013, 024, 047
Sanyo	013, 023, 043	Unitech.....	013
Scott	012, 015, 025, 032, 038, 065, 093, 116	Vector Research	009, 015, 016, 123
Sears.....	014, 021, 023, 043, 048, 049	Victor	123
.....	050, 055, 060, 062, 107, 118	Video Concepts	009, 015, 016, 029, 123
Sharp	001, 002, 017, 029, 075, 135, 136, 142	Videosonic	013
Shintom	004, 055, 061, 128, 132	Wards.....	001, 002, 013, 014, 015, 021, 023, 026
Shogun	013	.....	029, 055, 060, 061, 075, 101, 107, 116
Signature	002	White Westinghouse	002, 008
Singer	021, 060, 061	XR-1000	021, 026, 060, 061
Sony	004, 099, 128, 139, 140, 141, 147	Yamaha.....	009, 043, 111, 123
STS	021, 055, 060, 107	Zenith	001, 004, 007, 010, 014, 018, 022
Sylvania	002, 026, 060, 062, 065, 115, 124	.....	085, 104, 119, 123, 128, 133

DVD Code List

This RCA Universal Remote is Compatible With Most of the Following Brands
(Of Infrared Remote Controlled Components Manufactured After 1995):

DVD

Aiwa	189	Oritron.....	190
Akai	170	Panasonic	175, 176
Apex	199	Philips	173, 183, 198
Denon	175, 196	Pioneer	179
Emerson	171	ProScan	184
Fisher.....	191	RCA	178
Go-Video.....	182, 201	Samsung	182
Harman/Kardon	202	Sampo	192
Hitachi.....	179, 194	Sharp	154
JVC.....	181, 193	SEG	203
Kenwood.....	175, 204	Sherwood	200
Konka	185, 186, 187, 188	Sony	174
Magnavox.....	173, 177, 183	Teac	179
Marantz.....	173, 183	Toshiba	173
Mitsubishi.....	177	Yamaha	175, 195
Onkyo	197	Zenith	171, 180

Laser Disc's

Denon	080	Sanyo	007
Pioneer	080	Sony	098
ProScan.....	083	Zenith	007
RCA.....	083		

Satellite Code List

This RCA Universal Remote is Compatible With Most of the Following Brands
(Of Infrared Remote Controlled Components Manufactured After 1995):

Amplica.....	115	Norstat	141, 142
Channel Master	117, 118, 119	Panasonic	166
Chapparral.....	100, 101, 120	Philips	179
Cheyenne	101	Pioneer	124
Drake.....	102, 114, 127	Primestar	167
Dish Netwrok	168	Proscan	162, 176
DX Antenna	108, 122	RCA.....	192, 193
Echosphere.....	168	Realistic	107, 143
Echostar	128, 129, 130, 168	Scientific Atlanta	147
Fujitsu	1131, 132	Sierra	101
GE	176, 162	Sony.....	163
General Instruments.....	104, 105, 106, 133	Star Sight	173
.....	182, 183, 184, 185	Star Trak	148
Hitachi	172, 181	STS	108, 109, 110, 111
Hughes Satellite	169, 170, 172, 173, 178	Super Guide.....	149
Janeil	136	Toshiba	112
Jerrold	137	Toshiba DSS	164, 165, 171
Kenwood	138	Uniden	113, 151
Luxor.....	139	Uniden DSS	173
Magnavox.....	179	Video Cipher II	114
Macom State	140	Zenith	102, 103, 114, 127, 174, 175, 186

Cable Code List

This RCA Universal Remote is Compatible With Most of the Following Brands
(Of Infrared Remote Controlled Components Manufactured After 1995):

ABC.....	001, 002, 003, 004, 005, 006, 007	RCA	000, 047
Allegro.....	064, 065	Realistic	009
Americast	067	Regal	022
Antronix	008, 009	Regency.....	017
Archer	008, 009, 010, 011	Rembrandt	003
Cabletenna	008	Runco.....	026
Cableview	008	Samsung	014, 034
Century.....	011	Scientific Atlanta	006, 036, 037, 038
Citizen	011	Signal.....	014, 018
Colour Voice.....	012, 013	Signature	003
Comtronics	014, 015	SL Marx	014
Contec/Cony	016	Sprucer	000
Eastern.....	017	Standard Components	039
Garrard	011	Starcom	001, 007, 018
GC Electronics	009	Stargate	014, 018
Gemini.....	018, 019	Starsight	060
GE	089	Star Sight Cable Service	047
General Instrument.....	003, 049, 051, 053, 054	Starquest	018
.....	058, 068, 069, 070, 071	Star Trak	056
Hamlin	020, 021, 022	Tandy.....	040
Hitachi.....	003	Televue	014
Hytex.....	002	Texscan	039
Jasco	011	Tocom	004, 041, 053
Jerrold	001, 003, 004, 005, 007, 018	Toshiba	026
.....	024, 049, 050, 051, 066, 068, 069	Tusa	018
Magnavox	025	TV86.....	027
Memorex.....	026	Unika	008, 009, 011
Movie Time.....	002, 027	United Artists.....	002
NSC	002, 027	United Cable	001
OAK.....	002, 016, 029	Universal.....	008, 009, 010, 011, 042
Panasonic	000, 048	Videoway	044
Paragon.....	026	Viewstar	015, 025, 027, 040
Philips.....	011, 012, 013, 019, 025, 030, 031, 032	Video Tech	090
Pioneer	033, 034, 038	Zenith	026, 028, 043, 057, 059, 060
Pulsar.....	026	.....	061, 062, 063, 064, 065, 067
Radio Shack	045		

Audio Component Code List

This RCA Universal Remote is Compatible With Most of the Following Brands
(Of Infrared Remote Controlled Components Manufactured After 1995):

Audio Receiver (Tuner)

Aiwa.....	179, 182, 191, 200	Pioneer.....	177
Carver.....	165	RCA.....	057, 112, 121, 135, 167, 210, 211, 212
Citizen.....	166	Realistic.....	162
Denon.....	143, 157	RS Original.....	046, 094, 133, 146
Fisher.....	154, 161	Sanyo.....	045
Harmon Kardon.....	144, 158	Scott.....	108
JVC.....	130, 153, 159	Sharp.....	011, 037, 149
Kenwood.....	023, 148, 156, 168, 172	Sherwood.....	046, 159, 198, 199
LG (Goldstar).....	106	Sony.....	118, 137, 138, 139, 173, 174, 175, 176
NAD.....	061, 079	Teac.....	050, 147, 195, 196, 197
Magnavox.....	136, 154	Technics.....	056, 076, 131, 150, 155, 163
Marantz.....	028, 164	Venturer.....	085
Onkyo.....	145, 151, 152	Yamaha.....	141, 142, 178, 180, 181
Optimus.....	007, 087, 088, 089, 090	.....	186, 187, 188, 189
.....	091, 092, 094, 133	Zenith.....	016, 070, 089, 099
Panasonic.....	150, 155	.....	105, 106, 124, 154, 190
Philips.....	154, 163, 164, 165		

CD Player

ADC.....	000	Nikko.....	005, 013, 016
Adcom.....	001, 054	NSM.....	006
Aiwa.....	002, 003, 182, 201	Onkyo.....	035, 036, 062, 151
Akai.....	055, 077, 170	Optimus.....	007, 008, 012, 018, 024, 037
Audio Technica.....	005	.....	038, 039, 040, 084, 087, 091
California Audio Labs.....	056	Panasonic.....	056, 073, 080
Capetronic.....	009	Philips.....	006, 071, 165
Carver.....	006, 007, 008, 165	Pioneer.....	018, 041, 042, 059, 177
Casio.....	117	Proton.....	006
Citizen.....	166	Quasar.....	056
Curtis Mathes.....	117	RCA.....	043, 063, 135, 184, 213
Denon.....	010	Realistic.....	001, 007, 009, 012, 013
Emerson.....	001, 012, 013	.....	018, 029, 037, 039
Fisher.....	007, 015, 016, 017, 058	Rotel.....	006
GE.....	065	RS Originals.....	008, 046
Genexxa.....	012, 013, 018, 059	SAE.....	006
Harmon Kardon.....	020, 031	Samsung.....	081
Hitachi.....	018	Sansui.....	006, 012, 044, 063, 074
Inkel.....	021	Sanyo.....	007, 045, 058, 075, 082
JC Penney.....	030, 117	Scott.....	001, 012, 013
JVC.....	022, 153	Sears.....	012, 024, 029, 117
Kenwood.....	023, 024, 025, 067, 068, 168	Sharp.....	024, 019, 029
Krell.....	006	Sherwood.....	021, 029, 038, 046, 199
Kyocera.....	000	Shure.....	030
LG (Goldstar).....	060	Sony.....	047, 048, 132, 134, 140
Luxman.....	026, 027, 069, 078	STS.....	000
LXI.....	012, 117	Sylvania.....	006
Magnavox.....	006, 071, 140	Symphonic.....	049
Marantz.....	006, 028, 029, 072	Teac.....	016, 029, 039, 049, 050, 051, 196
MCS.....	030, 117	Technics.....	056, 073, 160
MGA.....	031	Theta Digital.....	071
Mission.....	006	Toshiba.....	061
Mitsubishi.....	031, 032	Victor.....	022
NAD.....	061	Yamaha.....	005, 052, 053, 064, 186
Nakamichi.....	033, 034, 171	Zenith.....	016, 070, 099, 124, 190
NEC.....	030		

Key Label Mode

The RCU1000B remote allows you to customize the individual key pad labels as desired. This function is recommended for when you have finished programming all your devices and you have specific keys that you would like to re-label to meet your needs.

NOTE: The 9 device keys cannot be set with "key frames" only.
You can also hide the key completely (except TV and VCR keys).

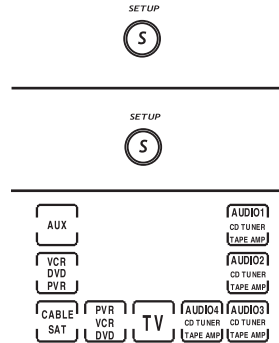
Any required device key label change must be the first change made within the routine.

1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" Release the **SETUP** key.
2. Press and release **SETUP** key repeatedly until the LCD displays "**KEY LABELS...MODE?**"
3. Press and release desired device key (TV, VCR, SAT, etc.) to display the keys for that screen. If the current device key label is to be changed, make the change prior to pressing any other LCD key. You can now press any of the remaining LCD keys within that device to select the label desired for that key. Each time you press a key a different label for that key is displayed.

NOTE: To reset the device's key labels back to their Default settings, press and hold that device key for 3 seconds. A reset to a Devices Default labels will automatically be saved and operation returned to the "**KEY LABELS...MODE?**" screen.

4. To save the label selections for that device screen, press another device key or press the **SETUP** key. Pressing **SETUP** exits out of the "change labels routine." Preprogrammed and Learned codes are not affected by these changes. Macro's and Timers still include any key "hidden" by the above method. display returns to "**KEY LABELS...MODE?**" screen.

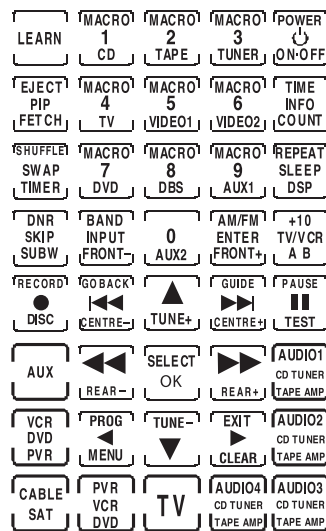
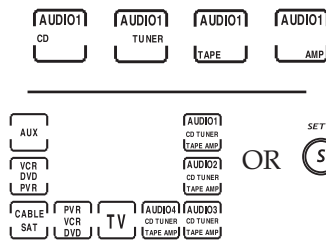
The screen to the right shows ALL the possible labels, although only the options for the Device you selected are shown at any one time.



For Example:



Key Options



Setting Up An Event Timer

The event timer lets you program the remote to turn on your TV, VCR, etc., at a time that you tell it to do so. Up to 4 timer events can be set. The event you program will happen only once, on the same day that you program the remote (you cannot program what day you want it to happen). After setting up your timer event be sure to leave the remote pointed at the device(s) you have programmed it to control.

1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP....MODE?**" and the LED remains on. Release the **SETUP** key.

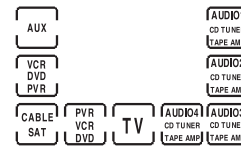


2. Press the **SETUP** key repeatedly until "**SETUP A TIMER?**" appears on the LCD. Press and release **OK** on the LCD.

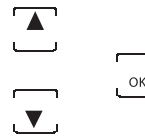


"**TIMERX (1, 2, 3 or 4)....MODE?**" is displayed. Press and release desired device key (TV, VCR, AUX, etc.).

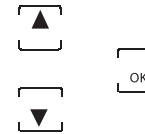
4. "**TIMERX....Key?**" is displayed. Press the key you want to program to activate after a certain time delay.



5. "**Set Hours....DAY HH:MM**" is displayed. The hour digits **HH** are flashing. (The **DAY** is not used for Timer settings). Press and release the **Up (▲)** or **Down (▼)** key to select the hour. Press and release **OK** on the LCD.



6. Minutes digits **MM** are now flashing. Press and release the **Up (▲)** or **Down (▼)** key to select the minute. Press and release **OK** on the LCD.



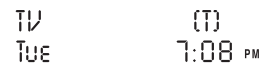
7. Press and release **OK** to confirm and save.



8. Once the first timer event is set the LCD displays "**TIMERX (1, 2, 3 or 4)....MODE?**" for setting next Timer Event. If you want to set another Timer Event, repeat from step 4. If you don't want to set any more Timer Events press **SETUP** repeatedly to exit.



9. Timer setting is now complete and confirmed by the symbol **(T)** displayed above the clock in normal operation, to remind you that you have a Timer Event set.



Deleting An Event Timer

Any set Timer Event is indicated by the symbol (T) displayed above the clock. If no Timer events have been set then this option is not shown in the Setup screens.

1. Press and hold the **SETUP** key until the LCD displays "**DELETE A TIMER?**" and the LED remains on. Release the **SETUP** key. Press and release **OK** on the LCD.
2. "**DELETE X?....DAY HH:MM**" is displayed where DAY is current day, HH:MM is timer event time and X is the Timer event (1, 2, 3, or 4). Press the **SETUP** key repeatedly until the Timer Event you want to delete is displayed.
3. To delete this Timer event, press and release **OK**. To skip canceling this event, press and release the **SETUP** key to advance to next setup option.
4. "**CONFIRM TO DELETE?**" is displayed. Press and release the **OK** on the LCD. The display returns to either "**DELETE A TIMER?**" or, if no more Timer events are set, to "**EXIT SETUP**".
5. Deleting a Timer is now complete.



Learn IR Mode

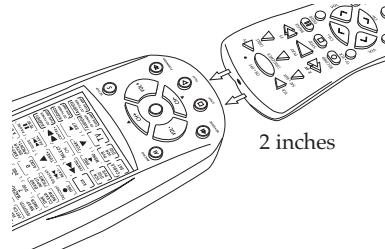
The Learning feature is used as a supplement to the standard preprogrammed library. The standard code library provides most of the functions needed, but you can add a small number of additional functions of your choice. You can store original remote commands consisting of up to 39 keys for each of the RCU1000B's 9 Device Modes. Only one original remote type can be stored under any one device.

Tips On Learning

1. Use fresh batteries for both the RCU1000B remote and your original remote(s).
2. Experiment by Learning 2 or 3 keys initially (to ensure compatibility and familiarity) and then carry out the setup routine "**DELETE IR...ALL?**" before completely Learning your original remote's keyboard.
3. Place the original remote to the rear of the RCU1000B so that the IR LED sensor on the front of the original remote is in line with the RCU1000B's IR sensor, located near the quick key area. Keep the distance between the two remotes to approximately 2 inches.
4. If commands were learned previously, carry out the setup routine "**DELETE IR...ALL?**" before attempting any new Learning.
5. Do not attempt to Learn directly under an incandescent or low-energy light as these can cause interference with the IR transmissions. Keep at least three feet away from any such light sources.
6. When the memory is full, the display shows "**MEMORY...FULL**" and the visible LED flashes for two seconds. It is not possible to Learn any additional keys without clearing a Device first.
7. When Learning a key, do not release the key being Learned until the display shows "**SUCCESS**" followed by "**LEARN IR...KEY?**".
8. All Learned commands are saved automatically, there is no "**CONFIRM TO SAVE**" screen.

To Learn Commands

Gather all the remotes that you want to learn and have them all lined up on a flat surface before going into Learn Setup Mode. Place the RCU1000B in front of your existing remotes so that the front of your existing remotes point at the back of the RCU1000B. Make sure that you keep about 2 inches between the remote you are learning from and the RCU1000B.



1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.
2. When you press the **LEARN** key at this point the LCD displays "**LEARN IR...MODE?**".
3. Press and release the desired device key (TV, VCR, SAT, AUX, etc.) "**LEARN IR...KEY?**" is displayed.
4. To teach a key on the RCU1000B, press and release the **LCD** key, or the **Quick** key, that you wish to program.

NOTE: You cannot learn any commands under the Learn, Macro, Setup, or any device key.

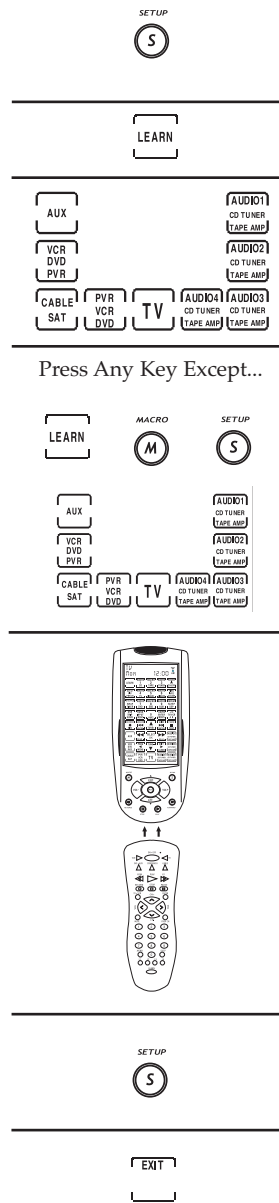
5. "**LEARNING...PLEASE WAIT**" is displayed. Press and hold the original remote key you want to transfer to the RCU1000B until "**SUCCESS**" followed by "**LEARN IR...KEY?**" appears in the display (this process can take 2 or 3 seconds to complete). Release the original remote key. If there is a problem with learning the LCD shows "**LEARN...ERROR**" for 3 seconds but still remains in the Learning Setup.

6. Repeat Steps 4 and 5 for other keys to be learned.

NOTE: To manually record your learned keys for future reference refer to page 21.

7. Press and release the **SETUP** key when all desired original remote commands have been learned. The LCD displays "**LEARNING...COMPLETED**" followed by "**LEARN IR...MODE?**".

8. Press **EXIT** on the LCD. Learning is now complete.



Learned Key Reference Page

IMPORTANT NOTE: You cannot learn any commands under the Learn, Macro, Setup, or any device key.

Device: _____

LEARN				
AUX			AUDIO1 CD TUNER TAPE AMP	
VCR DVD PVR			AUDIO2 CD TUNER TAPE AMP	
CABLE SAT	PVR VCR DVD	TV	AUDIO4 CD TUNER TAPE AMP	AUDIO3 CD TUNER TAPE AMP

Device: _____

LEARN				
AUX			AUDIO1 CD TUNER TAPE AMP	
VCR DVD PVR			AUDIO2 CD TUNER TAPE AMP	
CABLE SAT	PVR VCR DVD	TV	AUDIO4 CD TUNER TAPE AMP	AUDIO3 CD TUNER TAPE AMP

Device: _____

LEARN				
AUX			AUDIO1 CD TUNER TAPE AMP	
VCR DVD PVR			AUDIO2 CD TUNER TAPE AMP	
CABLE SAT	PVR VCR DVD	TV	AUDIO4 CD TUNER TAPE AMP	AUDIO3 CD TUNER TAPE AMP

Device: _____

LEARN				
AUX			AUDIO1 CD TUNER TAPE AMP	
VCR DVD PVR			AUDIO2 CD TUNER TAPE AMP	
CABLE SAT	PVR VCR DVD	TV	AUDIO4 CD TUNER TAPE AMP	AUDIO3 CD TUNER TAPE AMP

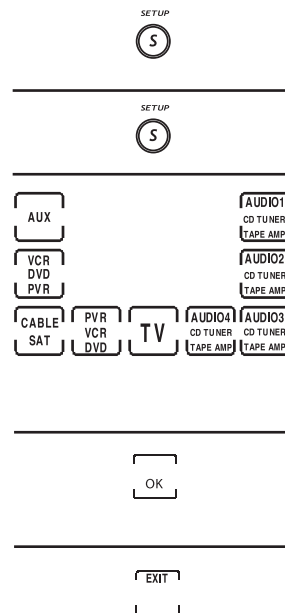
To Delete A Stored Learned Command

1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.
2. Press the **SETUP** key repeatedly until "**DELETE IR...MODE?**" appears in the LCD.
3. Press and release desired device key (TV, VCR, SAT, AUX, etc.).

NOTE: Only the device keys that have been learned are shown on the LCD screen

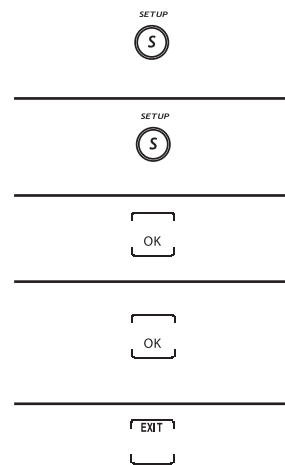
4. "**CONFIRM TO DELETE?**" is displayed. Press and release the **OK** on the LCD. The LCD displays "**DELETING...WAIT**" followed by "**LEARN IR...MODE?**".
5. All Learned Command entries under that device are now cleared. Press **EXIT** on the LCD.

NOTE: Upon deleting, a learned key(s) will return to its preset code functions.



To Delete ALL Stored Learned Commands

1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.
2. Press the **SETUP** key repeatedly until "**DELETE IR...ALL?**" appears in the LCD.
3. Press and release the **OK** on the LCD.
4. "**CONFIRM TO DELETE?**" is displayed. Press and release the **OK** on the LCD. The LCD displays "**DELETING...WAIT**" followed by "**LEARN IR...MODE?**".
5. All Learned Command entries are now cleared. Press **EXIT** on the LCD.



To Program A Macro

When programmed and utilized, a Macro key will cause a series of events to occur. A total number of 20 keystrokes can be stored under each of the 9 available Macro keys. One press of the Macro key then “plays back” the sequence of commands stored under the Macro key.

NOTE: A shortcut to Macro Setup routines is available by pressing and holding the MACRO key (to the left under the LCD). Additionally, when in Setup Primary Screens, pressing the MACRO key jumps to the “SETUP A MACRO” routine.

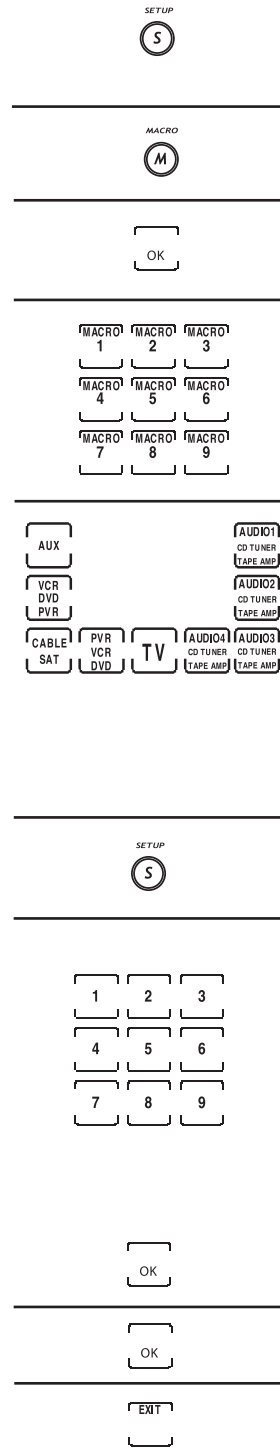
1. Press and hold the **SETUP** key until the LCD displays “CODE SETUP...MODE?” and the LED remains on. Release the **SETUP** key.
2. Press the **MACRO** key, and “SETUP A MACRO” appears in the LCD.
3. Press and release **OK** on the LCD, then the display shows “MACRO KEY?” You can choose which key you would like to store the Macro under (1-9).
4. Press and release the key under which you want to store a Macro (1-9 available). The display shows “MACRO X KEYYY” where X is 1-9 (depending on which Macro key you press) and YY is the key being stored (initially at 01 and increasing to 20 as you store keys in the Macro).
5. The first key press must be a device key, which is highlighted on the LCD. Once the first device key is pressed you can allow your macro set to operate other devices as long as you do not exceed 20 keystrokes.
6. Once you have selected your device key, the LCD screen shows the key labels for that device. Press and release the keys you want to store in the macro in the exact order you want them to be transmitted.
7. To save the settings, (the series of keystrokes you just recorded) press and release the **SETUP** key. The LCD displays “PRESS DIGIT FOR DELAY?”.

IMPORTANT NOTE:

It may be necessary to have “delays” included between each Macro key sequence (e.g. To let your TV warm up). If the OK key is pressed, there is an automatic delay of 0.5 seconds between each IR transmission in the sequence. To increase the delay between each key stroke press the numbers (1-9). Maximum delay is 9 seconds.

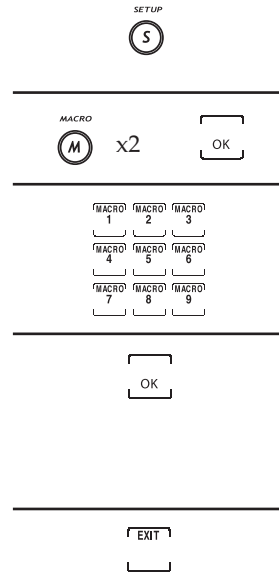
- NOTE:**
- When you activate a Macro, the LCD bottom line shows which Macro you activated (1-9).
 - If you program the maximum number of 20 keys allowable, the Macro will automatically be stored on the last keypress and the LCD will display “SETUP A MACRO?”.

8. Press and release the **OK** key to exit.
9. Press **EXIT** on the LCD. Macro key programming now completed.



To Delete A Macro

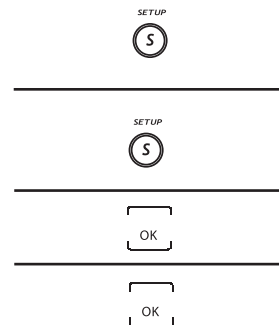
1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.
2. Press the **MACRO** key twice, and "**DELETE A MACRO?**" appears in the LCD. Press and release **OK** on the LCD.
3. The LCD displays "**DELETE A MACRO?**". Press and release the **MACRO** key (1-9) to select the Macro you want to delete.
NOTE: When deleting a Macro, only the programmed Macro key (s) will be highlighted on the LCD.
4. The LCD displays "**CONFIRM TO DELETE?**". Press and release **OK** on the LCD.
5. The LCD displays "**DELETE A MACRO?**" or "**SETUP A MACRO?**"
If no more Macros need to be removed continue to next step.
6. Press **EXIT** on the LCD. Macro key deletions now complete.



Reset All

To Clear all stored Learned Commands, Timer Events and User Programmed Codes, i.e. return to factory defaults...

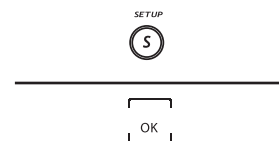
1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.
2. Press and release the **SETUP** key repeatedly until "**RESET ALL?**" appears in the display.
3. Press and release **OK** on the LCD screen.
4. "**CONFIRM TO RESET?**" is displayed. Press and release the **OK** on the LCD. The remote returns to normal operation screen.
5. All settings are now reset to the factory default.



Exit Setup

At any time you are in Setup Mode you can simply exit and return to normal operation by following the below procedures.

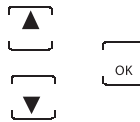
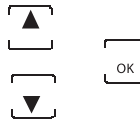
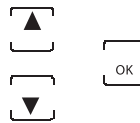
1. Press and release the **SETUP** key repeatedly until "**EXIT SETUP?**" appears in the display.
2. Press and release **OK** on the LCD screen.
3. The remote is now in normal operation mode.



Setting More Options

To Set The Time and Day for Normal LCD Display

1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.
 2. Press the **SETUP** key repeatedly until "**SET MORE OPTIONS?**" is displayed.
 3. Press and release the **OK** on the LCD.
 4. "**Set Time?...DAY HH:MM**" with current day (DAY) and time (HH:MM) now appears in LCD. Press and release the **OK** on the LCD.
 5. "**Set Format...12HR<->24HR**" now appears in the LCD. A solid arrow indicates the current setting. Press and release **OK** on the LCD. Press and release the **LEFT** or **RIGHT ARROW** keys to select 12Hr or 24Hr time format.
 6. "**Set Day...DAY HH:MM**" now appears in LCD with DAY flashing.
 7. Press and release or press and hold the **UP (▲)** or **DOWN (▼)** key to select the DAY. Press and release **OK** on the LCD once you have reached the correct day.
 8. Hours digits **HH** will now be flashing. Press and release or press and hold the **UP (▲)** or **DOWN (▼)** key to select the hour. Press and release **OK** on the LCD once you have reached the correct hour.
- NOTE:** To adjust the AM/PM designation, scroll through the hour settings.
9. Minutes digits **MM** will now be flashing. Press and release or press and hold the **UP (▲)** or **DOWN (▼)** key to select the minute. Press and release **OK** on the LCD once you have reached the correct minute setting.
 10. Upon completion of setting the day, time and hour format, the LCD displays "**SET MORE OPTIONS**".
 11. Press and release **OK** to confirm and save.
 12. Press **EXIT** on the LCD. Time and Day setting is now complete.



Setting More Options continued

To Set Keypress Beep ON or OFF

When any key is pressed, an audible beep can be heard to acknowledge the keypress. This beep can be turned on or off. The default state is enabled (ON).

1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.



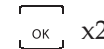
2. Press the **SETUP** key repeatedly until "**SET MORE OPTIONS**" appears. Press and release the **OK** on the LCD. "**SET TIME?...DAY HH:MM**" now appears in the LCD.



3. Press the **SETUP** key repeatedly until "**SET BEEP?...ON<>OFF**" is displayed. Press and release **OK** on the LCD.



4. "**SET BEEP?...ON<>OFF**" remains in the display with a solid arrow indicating the current setting. Press and release the **LEFT** or **RIGHT ARROW** key to select ON or OFF. Press and release **OK** twice to save beep state change.



5. LCD displays "**SET MORE OPTIONS**" and beep change is now complete. Press **EXIT** on the LCD.



To Set LCD On-Time

The LCD remains on for a user selectable time period (10, 20, 30,...90 seconds). The Power-on default is 10 seconds from last keypress. You are not allowed to set an LCD on timeout period that does not equal or exceed the Backlight on time.

1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.



2. Press the **SETUP** key repeatedly until "**SET MORE OPTIONS**" appears. Press and release **OK** on the LCD. "**SET TIME?...DAY HH:MM**" now appears in the LCD.



3. Press the **SETUP** key repeatedly until "**SET LCD ON TIME?**" appears in the display. Press and release **OK** on the LCD.



4. The LCD displays "**LCD ON FOR X0 SECS**" where "**X**" is the "tens digit" of the current on time. The "**0**" is fixed and you can only increment the 10's digit for 10, 20, 30, ...90 seconds on time. Press and release or press and hold the **UP** (**▲**) or **DOWN** (**▼**) key to select desired on time. Press and release **OK** twice on the LCD to save your settings.



5. The LCD displays "**SET MORE OPTIONS**". Press **EXIT** on the LCD.

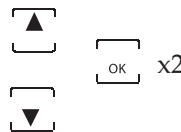


Setting More Options continued

To Set LCD Light On-Time

Backlighting is generated by an Electroluminescent (EL) panel which gives a blue light that lets you see the LCD in the dark. A light sensor circuit automatically enables the backlighting. Backlighting remains on for a user selectable time period (00, 10, 20,...90 seconds). The Power-on default is 10 seconds. The Backlight on timeout period is not allowed to exceed the LCD on time. To set the Backlight On time:

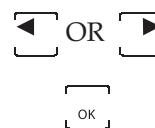
1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.
2. Press the **SETUP** key repeatedly until "**SET MORE OPTIONS**" appears. Press and release the **OK** on the LCD. "**Set Time?..DAY HH:MM**" now appears in the LCD.
3. Press the **SETUP** key repeatedly until "**SET LIGHT ON TIME?**" appears in the display. Press and release **OK** on the LCD.
4. The LCD displays "**LIGHT ON FOR X0 SECS**" where "**X**" is the "tens digit" of the current on time. The "**0**" is fixed and you can only increment the 10's digit for 00, 10, 20, ...90 seconds on time. Press and release or press and hold the **UP** (**▲**) or **DOWN** (**▼**) key to select desired on time. Press and release **OK** twice on the LCD. to save your settings.
5. The LCD displays "**SET MORE OPTIONS**". Press **EXIT** on the LCD.



To Set Volume TV or Audio (Punch-Through)

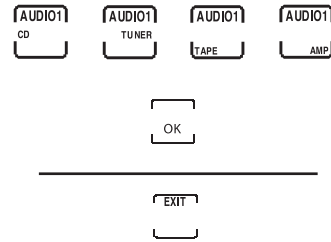
This feature allows you to choose between which TV or AUDIO volume function will be your master volume punch-through source. Volume punch-through allows you to set you main audio source to control your volume up and down while in different device modes of your remote. e.g. Once the Volume TV or Audio is set, you can have your TV or Tuner volume and mute keys work while you are in Cable, DVD, SAT and VCR modes.

1. Press and hold the **SETUP** key until the LCD displays "**CODE SETUP...MODE?**" and the LED remains on. Release the **SETUP** key.
2. Press the **SETUP** key repeatedly until "**SET MORE OPTIONS**" appears. Press and release the **OK** on the LCD. "**Set Time?..DAY HH:MM**" appears in the LCD.
3. Press the **SETUP** key repeatedly until "**SET VOLUME...TV<>AUDIO?**" appears in the display. Press and release **OK**.
4. "**SET VOLUME...TV<>AUDIO?**" remains in the display with a solid arrow indicating the current setting. Press and release the **LEFT** or **RIGHT ARROW** keys to select TV or Audio. Press and release **OK** to save the selection.



Setting More Options continued

- If TV was selected, go to step 6 below. If Audio was selected, the display shows the "SET VOLUME... AUDIO MODE?" prompt for Audio Mode to be used for Volume/Mute control. Press and release desired Audio Mode and press and release **OK** to confirm to save.
- The LCD displays "SET MORE OPTIONS". Press **EXIT** on the LCD.



Notes

VCR/DVD Punch-Through

The remote will punch-through to VCR or DVD mode, whichever was last used. Punch-through to VCR/DVD Mode carriage keys is only allowed for TV, VCR, DVD, and Cable coded Modes. SAT/DBS and CD/Audio are dedicated to their Modes. The LCD shows device change for the VCR/DVD punch-through keys if they are pressed in other Modes, e.g. if you are in Cable Mode and you press PLAY, VCR (or DVD) is displayed in the LCD.

VCR Record

In VCR Mode (including punch-through), the RECORD key has to be pressed twice before the command is sent. This is also true if a VCR type is programmed under any other device. The exception is for DVD where the RECORD key transmits the IR command after only a single press of RECORD. For any programmed SAT/DBS Mode the RECORD key only needs to be pressed once. In any CD/Audio Mode, the RECORD key must be pressed twice.

RCA All Power Off Feature

This feature is available in all normal operating Modes. If the POWER key is pressed consecutively twice within 2 seconds ALL RCA equipment will be turned off. The LCD shows "POWER OFF" while this routine is active.

General Notes

- When in Setup Mode, pressing the LEARN key jumps you to the "LEARN IR MODE?" screen.
- When in Setup Mode, pressing the MACRO key jumps to the "SETUP A MACRO?" screen.
- At any point in Setup, where a "save" is being made, "CONFIRM TO SAVE?" is displayed. You then press [OK] to save, or [EXIT] to return without saving any changes.
- At any point in Setup, where an "overwrite" is being made e.g. overwriting Macro's, Learned Modes, etc., "CONFIRM TO OVERWRITE?" is displayed. You then press [OK] to confirm the change, or [EXIT] to return without any saving any changes.
- At any point in Setup, where a "deletion" is being made e.g. deleting Macro's, Timers, etc., "CONFIRM TO DELETE?" is displayed. You then press [OK] to confirm the deletion, or [EXIT] to return without deleting anything.
- At any point in Setup, where a "change" has been made a "SUCCESS" message is displayed for 1 second to confirm the action.

Troubleshooting

PROBLEM	SOLUTION
LCD does not show anything when you touch it, or press the SETUP or MACRO button	<ul style="list-style-type: none"> • Replace the batteries with 4 new AA alkaline batteries. • Check batteries are properly installed.
The remote does not operate your audio or video devices	<ul style="list-style-type: none"> • Try all code programming procedures with all the codes from the appropriate part of the Library Code Tables. • Make sure the remote is pointed at the device being operated.
Problems programming a TV/VCR combo unit	<ul style="list-style-type: none"> • Try the VCR code for your brand. Some combo units, however, might require both the TV and VCR code for full operation. To do this program the TV code under the TV button and the VCR code under the VCR button.
VCR not recording	<ul style="list-style-type: none"> • As a safety feature on your remote, you must press the REC key twice.
Problems changing channels	<ul style="list-style-type: none"> • If your original remote requires ENTER key to be pressed after a channel is selected, press the ENTER key to select the channel.
SELECT key not responding	<ul style="list-style-type: none"> • Try using the MENU, GUIDE, or ENTER key to make the selection.
IR LEARN cannot be made successfully	<ul style="list-style-type: none"> • Replace batteries in the RCU1000B and the remote you are trying to learn from. • Keep distance between remotes to about 2 inches. • Do not learn near an incandescent lamp. • Memory capacity is full. (39 keys for each of 9 Modes). • Original remote might not be compatible with learning procedure.

Helpline

If you need additional setup help, please call the Helpline at:

1-800-420-7968

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Thomson multimedia Inc. warrants that for 90 days from date of purchase, it will replace this product if found to be defective in materials or workmanship. Return it postage prepaid to the Product Exchange Center address for prompt, no charge replacement with a current equivalent. This replacement is Thomson multimedia Inc.'s sole obligation under this warranty. Thomson multimedia Inc. will not be responsible for any incidental or consequential damages, or for any loss arising in connection with the use or inability to use this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty excludes defects or damage due to misuse, abuse, or neglect. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

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Attn: Remote Control
Purchase Registration

Inside Card

RCU1000B Product Registration Card

Please complete and return this Purchase Registration Card right away. This information will help us get to know and service our customers better.

1. Mr. Mrs. Ms. Name: _____
Address: _____

2. Model: **RCU1000B**

3. Date of Purchase/Receipt as Gift: _____ 4. Price: \$ _____

5. Age of Purchaser/Gift Recipient:

16-25 26-35 36-45 46-55 56+

6. What specific need did the Universal Remote help you resolve?

A. Replacing A Lost Remote B. Replacing A Broken Remote
 C. Consolidating Remotes D. Adding an Extra Remote

7. Where will this remote primarily be used?
and with what brand?

TV: _____ VCR: _____

DVD Player: _____ Cable Box: _____

Satellite Receiver: _____ Audio System: _____

A. Kitchen B. Bedroom
 C. Family Room/Living Room D. Other _____

8. How did you become aware of this remote?

A. Advertisement B. Salesperson C. Store Display

D. Received as a Gift E. Friend or Relative _____

F. Other _____

9. What other brands did you consider buying?

A. Philips C. One For All D. Zenith

B. GE F. Sony G. Other _____

E. Gemini

10. What factors most influenced this purchase? (Check up to 3)

A. Brand B. Features C. Recommendation

D. Price E. Received as a Gift F. Other _____

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