



**Universal Learning
Remote with
TOUCHSCREEN
User's Guide**



remote

Limited 90-Day Warranty

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Universal Learning Remote with Touchscreen

Congratulations on your purchase of the RCU1010RF. This unit is one of the most sophisticated, yet easy to use, remote controls available today. With the RCU1010RF, juggling multiple remote controls is a thing of the past! This one unit controls up to nine components, including the most popular brands of TV, VCR, DVD, PVR, SAT/CBL, CD and AUDIO equipment. The RCU1010RF has the ability to learn commands from your existing remotes, and the Smart Macro feature allows multiple commands to be executed with a single keypress. The RCU1010RF is easy to use, easy to program, and it gives you total control—at the touch of your fingertips!

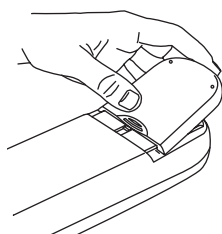
Battery Information

Your RCU1010RF Universal Learning Remote with Touchscreen requires four AAA alkaline batteries (sold separately).

Battery Installation

To install the batteries:

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



Battery Saver

Your RCU1010RF saves battery power by automatically turning off if any key is pressed for more than 30 seconds. This saves your batteries should your remote get stuck in a place where the keys remain depressed, such as under a book or between the sofa cushions.

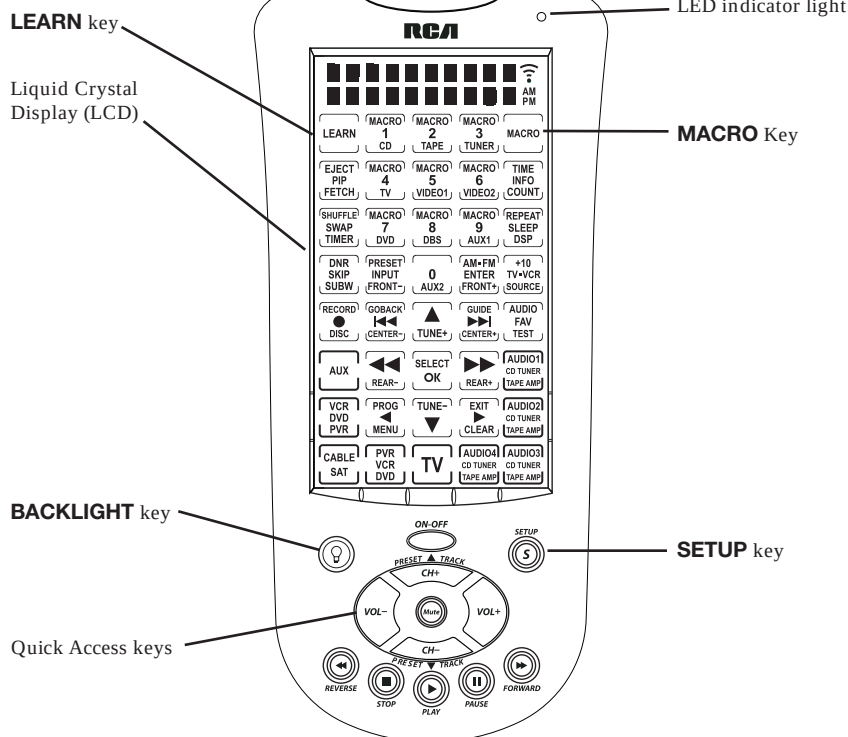
Code Saver

With the RCU1010RF, you don't have to worry about losing programmed information when you change batteries. All programmed parameters are retained indefinitely in the event of battery replacement.

Power-on Default

When you replace batteries, your RCU1010RF remote always powers on in the TV Mode. If your TV, VCR or satellite receiver is RCA, PROSCAN or GE brands, you may not even need to set up the RCU1010RF to control them. In these instances, the remote should work as soon as the batteries are installed.

RCU1010RF



LCD Touchscreen

The LCD (Liquid Crystal Display) touchscreen on your RCU1010RF acts as a “virtual keypad.” This touchscreen makes it easy to program and use your remote with many components. Once you select a component key on the LCD touchscreen (**TV**, **VCR**, **DVD**, etc.), you put the remote in that mode, and it remains in that mode until you press another mode key. When you put the remote in a specific component mode, the control screen for that mode is shown on the touchscreen. For example, if you put the remote in TV Mode, the control screen you see on the touchscreen is the TV Mode control screen. Each LCD touchscreen has a maximum of 40 keys.

The LCD touchscreen remains blank when the remote is not in use. The LCD touchscreen turns on automatically when you press the **SETUP** key, the **BACKLIGHT** key, or any LCD touchscreen key. The remaining rubber keys do not activate the LCD touchscreen.

LED Indicator Light

The LED (Light Emitting Diode) indicator, located at the upper right-hand side of the RCU1010RF unit, lights up whenever a rubber key or any LCD touchscreen key is pressed. The LED indicator flashes and beeps three times (approximately two seconds) to indicate any error condition.

Setup Routine and Procedures

The **SETUP** key is located towards the lower right-hand side of the RCU1010RF unit. The **SETUP** key is used to walk you through the steps in setting up the remote. To enter the Setup Mode, press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on. Successive presses of the **SETUP** key walk you through all the available setup routines.

Enter Setup Mode

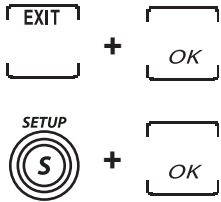
The following are the screen selections available in the Setup Mode.

1. Code Setup Mode?	Code Setup Mode?
2. Code Search Mode?	CodeSearch Mode?
3. Key Labels Mode?	Key Labels Mode?
4. Set SmartMacro?	Set Smart Macro?
5. Delete a Macro? (Only appears once a Macro function has been programmed.)	Delete a Macro?
6. Macro Key Delay Edit? (Only appears once a Macro function has been programmed.)	Macro Key DelayEdit?
7. Setup a Timer?	Setup a Timer?
8. Delete a Timer? (Only appears once a Timer function has been set.)	Delete a Timer?
9. Learn IR Mode?	Learn IR Mode?
10. Delete IR Mode? (Only appears once an IR function has been learned.)	Delete IR Mode?
11. Delete IR ALL? (Only appears once an IR function has been learned.)	Delete IR ALL?
12. Set More Options?	Set More Options?
a) Set Time?	Set Time?
b) Set Beep?	Set Beep? On<>Off?
c) Set LCD On Time?	Set LCD On Time?
d) Set Light (Backlight) On Time?	Set Light On Time?
e) Set Volume TV<>AUDIO?	Set Volume TV<>Audio?
13. Reset ALL?	Reset ALL?
14. Exit Setup	Exit Setup

Exit Setup Mode

To exit the Setup Mode at any time and return to normal operation, follow these steps:

- Press and release the LCD **EXIT** key on the touchscreen. Then press and release the LCD **OK** key on the Exit Setup Screen. The remote is now in normal operation mode.
- OR
- Press and release the **SETUP** key repeatedly until the LCD displays the Exit Setup Screen. Press and release the LCD **OK** key. The remote is now in normal operation mode.



During a Setup function, if no key is pressed for 60 seconds, the unit automatically exits from the Setup mode. The LED indicator light flashes an error in this instance, and the LCD displays the TimeOut Screen for three seconds. Any operation that is not completed when the timeout occurs is not saved.

General Setup Notes

1. When in Setup Mode, pressing the LCD **LEARN** key automatically forwards to the Learn IR Mode? Screen.
2. When in Setup Mode, pressing the LCD **MACRO** key automatically forwards to the Set SmartMacro? Screen.
3. At any point in the Setup process, where a “save” is being made, the Confirm to Save? Screen is displayed. Press and release the LCD **OK** key to save, or press and release the LCD **EXIT** key to exit without saving any changes.
4. At any point in the Setup process, where an “overwrite” is being made (e.g., overwriting Macros, Learned Modes, etc.), the Confirm to Overwrite? Screen is displayed. Press and release the LCD **OK** key to confirm the change, or press and release the LCD **EXIT** key to exit without overwriting any information.
5. At any point in the Setup process, where a “deletion” is being made (e.g., deleting Macros, Timers, etc.), the Confirm to Delete? Screen is displayed. Press and release the LCD **OK** key to confirm the deletion, or press and release the LCD **EXIT** key to exit without deleting any information.
6. At any point in the Setup process, where a “change” is being made, the Success Screen displays for one second to confirm the action.

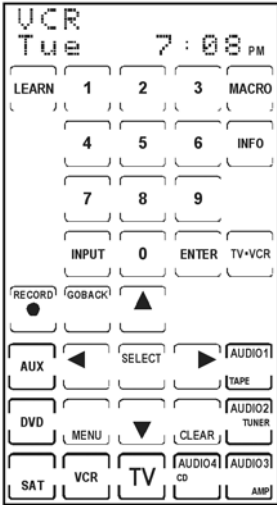
Component Control Screens

Your RCU1010RF displays a different control screen for each of the nine components. You can easily switch between these components by simply pressing the desired LCD component key.

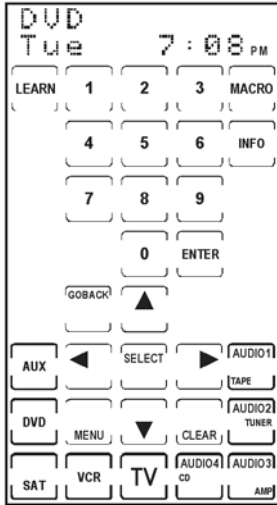
TV Default Screen



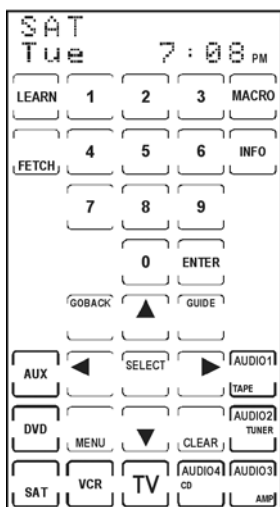
VCR Default Screen



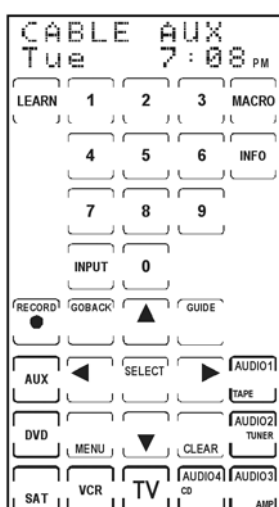
DVD Default Screen



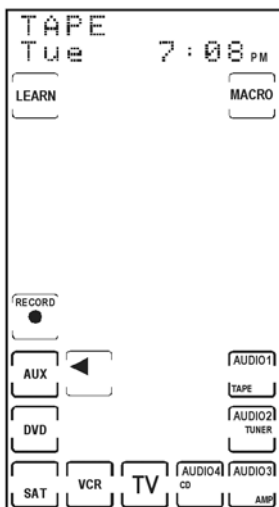
SAT Default Screen



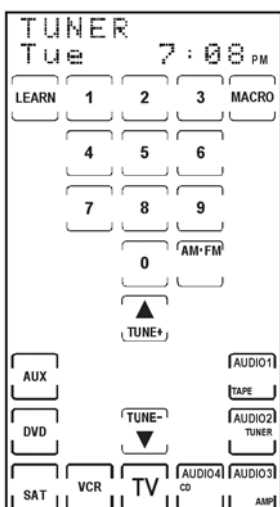
AUX (Cable) Default Screen



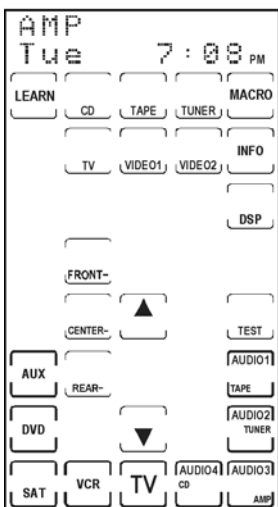
Audio1 (Tape) Default Screen



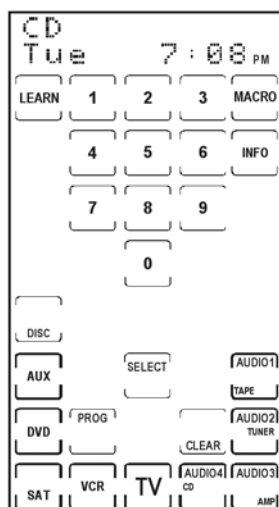
Audio2 (Tuner) Default Screen



Audio3 (AMP) Default Screen



Audio4 (CD) Default Screen



Code Entry

Code List Entry

In order for the RCU1010RF to control your components (TV, VCR, DVD, etc.), you must program it with the corresponding code from the Code Lists. This enables the remote to control your component with the proper commands. If your TV, VCR, DVD, or satellite receiver is an RCA, ProScan or GE brand, the RCU1010RF may not need any programming to control it. To program the remote with the codes for your components, you can use one of three methods: Code List Entry, Code Search or Code Autosearch.

You can enter codes in your RCU1010RF from the Code Lists using the **SETUP** key. (Refer to the Code Lists of the most popular brands at the end of this User's Guide.) When you enter a valid code for any given mode (e.g., when you enter a valid code for a TV), the default key labels are displayed on the touchscreen, and any previously Learned functions for that mode are deleted. The mode is reset to its power-on default state.

To enter a code directly from one of the Code Lists, follow these steps:

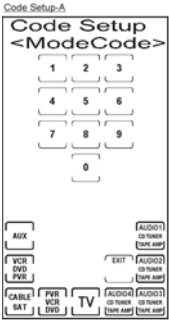
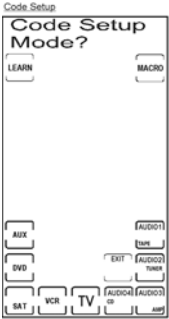
1. Manually turn on the component to be controlled (TV, VCR, DVD, etc.).
2. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
3. Release the **SETUP** key.

Code List Entry (continued)

- 4. Press and release the desired component key (**TV**, **VCR**, **SAT**, etc.) on the LCD touchscreen. For **AUX**, press and release the LCD **AUX** key followed by the desired component key to be programmed under that key.

Note: The **AUX** key automatically defaults to CABLE mode unless another selection is made.

- 5. Enter the three-digit code for your component brand from the corresponding Code Lists at the back of this manual. If your brand has more than one code listed, begin with the first code. When a valid code from the list is entered, the LCD displays the Code Save Success Screen, followed by the Code Setup Mode? Screen. For an invalid code entry, the LCD displays the Invalid Entry Made Screen for two seconds before displaying the Code Setup Mode? Screen. In this case, no changes are made.
- 6. Before the code can be tested on the chosen component, return to normal operation by pressing the LCD **EXIT** key and then the LCD **OK** key on the Exit Setup Screen.
- 7. With the component on, aim the RCU1010RF at the component and press and release the **ON•OFF** key. If you have entered the correct code number for your component, it responds to the **ON•OFF** key. If the component responds, no further programming is required.
- 8. If your component does not respond, try the next code in the list for your brand by repeating the procedure starting at step two. If no other codes exist for your brand, try the Code Search or Code Autosearch methods.



Code Search

If the component you wish to control does not respond to any of the codes you have entered using the Code List Entry, you can search the entire Code List for a particular component that might not be listed in the Code List or might be listed under a different brand.

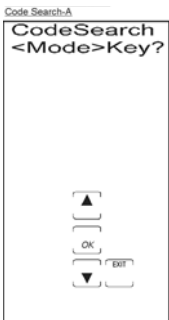
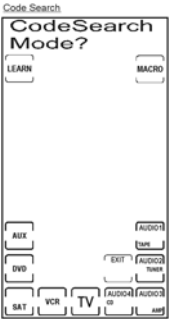
When you enter a valid code for any given mode (e.g., when you enter a code for a TV), the default key labels are displayed on the touchscreen and any previously Learned functions for that mode are deleted. The mode is reset to its power-on default state.

To search for a specific code in one of the Code Lists, follow these steps:

- 1. Manually turn on the component to be controlled (TV, VCR, DVD, etc.).
- 2. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
- 3. Release the **SETUP** key.
- 4. Press and release the **SETUP** key again. The LCD displays the Code Search Mode? Screen.
- 5. Press and release the desired component key (**TV**, **VCR**, **SAT**, etc.). For **AUX**, press and release the LCD **AUX** key followed by the desired component key to be programmed under that key.

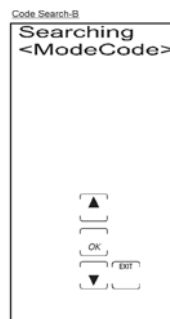
Note: The **AUX** key automatically defaults to CABLE unless another selection is made.

- 6. The LCD displays the Code Search Key? Screen. Press and release the **ON•OFF** key repeatedly until the component to be controlled responds to the command and turns off. Press and release the LCD **OK** key to save the code. After you install this code, all key labels and any previously Learned commands will be reset.



- The current code being sent is displayed in the upper right-hand corner.

Note: The Code Search starts from the currently stored code under that mode. For example, if the component Code List contains 100 codes and the currently stored code is 050, the Code Search starts from 051 and continues to 100 before looping back to 000 and finishing at 050. This speeds up the process of finding the correct code for your component, since you may discover that some codes can turn your component on and off but are not able to control its other functions. This process allows you to bypass codes you've already tried.



8. If your component responds and you accidentally overshoot that code by pressing the **ON•OFF** key again, press and release the **CH-** key or LCD **DOWN ARROW** key to backtrack through the Code List. You can change the direction to forward once again by pressing the **ON•OFF**, **CH+**, or LCD **UP ARROW** keys.
9. After pressing the LCD **OK** key in step six, the LCD displays the Code Search Mode? Screen. The Code Search Method entry is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.

Code Autosearch

Your RCU1010RF has the ability to automatically scroll through the entire Code Lists by using the Autosearch feature.

To start a Code Autosearch, follow these steps:

1. Manually turn on the component to be controlled (TV, VCR, DVD, etc.).
2. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
3. Release the **SETUP** key.
4. Press and release the **SETUP** key again. The LCD displays the Code Search Mode? Screen.
5. Press and release the desired component key (**TV**, **VCR**, **SAT**, etc.). For **AUX**, press and release the LCD **AUX** key followed by the desired component key to be programmed under that key.

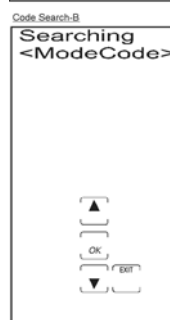
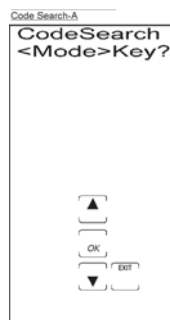


Note: The **AUX** key automatically defaults to CABLE unless another selection is made.

6. The LCD displays the Code Search Key? Screen. Press and release the **ON•OFF** key once. If you do not press any other keys, the Autosearch feature automatically starts in six seconds.
7. The Autosearch sends the next code in the list every three seconds. The current code being sent is displayed in the upper right-hand corner.

Note: The Autosearch can take a significant amount of time, since there are many codes in the list.

8. To speed up the Autosearch, you can manually override the process and temporarily speed it up by pressing the normal search keys (**CH+**, **CH-**, **ON•OFF**, **LCD UP** and **DOWN ARROW**) in both forward and reverse directions.



Code Autosearch (continued)

9. Once the component to be controlled responds to the commands, press and release the LCD **OK** key to save the code. After you install its code, all key labels and any previously Learned commands will be reset.
- Note:** If your component responds to the command, and the RCU1010RF sends the next code before you have a chance to press and release the LCD **OK** key, you can backtrack through the Code List by pressing **CH-** or the LCD **DOWN ARROW**. You can change the direction to forward once again by pressing the **ON•OFF**, **CH+**, or LCD **UP ARROW** keys.
10. After pressing the LCD **OK** key in step nine, the LCD displays the Code Search Mode? Screen. Code Autosearch is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.

Code Identification

Code Identification allows you to find out what code is currently programmed in the remote under a given mode (**TV**, **VCR**, **DVD**, etc.).

To find the currently programmed code, follow these steps:

1. Press and release the **SETUP** key. The last active screen that was displayed appears.
2. Press and hold any LCD component key. The top right corner of the LCD touchscreen shows the current code programmed for that component.



Code Identification Chart

Enter your codes here for easy reference:

TV CODE		

VCR CODE		

SAT CODE		

DVD CODE		

AUX component:		

AUDIO 1		
Tuner ☐	CD ☐	✓
Tape ☐	AMP ☐	

AUDIO 2		
Tuner ☐	CD ☐	✓
Tape ☐	AMP ☐	

AUDIO 3		
Tuner ☐	CD ☐	✓
Tape ☐	AMP ☐	

AUDIO 4		
Tuner ☐	CD ☐	✓
Tape ☐	AMP ☐	

NOTE: CABLE is the default for AUX.

Key Label Options

With the RCU1010RF, you have the ability to customize the LCD key labels to meet your needs. Key Label Options allow you to change the LCD key labels to match the functions on your original component remote controls. It is recommended that the Key Label Options feature be used only after you have finished programming all your components. This feature allows you to select from multiple preset key labels to be shown on the touchscreen. You can change any LCD panel key except the LCD **LEARN** and **MACRO** keys. Any one of the available preset key label options can be chosen for each key. You can also choose to show only the key frame or hide the key completely.

Change LCD Component Key Labels

You can change the name of your component keys, if desired (**VCR**, **SAT**, etc.). The **TV** component key label cannot be changed.

To choose from the preset key label options for LCD component keys, follow these steps:

1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
2. Release the **SETUP** key.
3. Press and release the **SETUP** key repeatedly until the LCD touchscreen displays the Key Labels Mode? Screen.
4. If the current component key label is to be changed, make this change prior to pressing any other LCD key.
5. To change a component key label, press and release the component key repeatedly until the desired label appears. If, at any point, you wish to change a component key back to its original default setting, follow the steps above.

Note: At this point, if you do not wish to change any key labels within this component, follow steps six and seven. If you do wish to change key labels within this component, skip directly to step 5 in the Change LCD Key Labels Within a Component section below.

6. Press and release the **SETUP** key on the rubber keypad to confirm your change.
7. Press and release the LCD **OK** key to save.

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

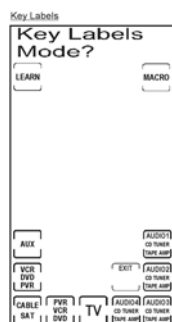
8. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



Change LCD Key Labels Within a Component

You can change the key labels within a component, if desired. To choose preset key label options for keys within a component, follow these steps:

1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
2. Release the **SETUP** key.
3. Press and release the **SETUP** key repeatedly until the LCD touchscreen displays the Key Labels Mode? Screen.
4. From the Key Label Mode? Screen, press and release the desired component key (**TV**, **VCR**, **SAT**, etc.) to display the keys for that screen.



Change LCD Key Labels Within a Component (continued)

Note: To reset the current key labels within a component to their default settings, press and hold the current component key for three seconds. Resetting any key label within a component to its power-on default setting results in an automatic save for that mode. This will not affect your program codes or any Learned commands. Performing this reset will not reset the component key back to its default setting. This must be done by following the steps in the Change LCD Component Key Labels section above.

- 5. Press and release any of the LCD panel keys within the current mode repeatedly to select the desired key label. Each time you press a key, a different label for that key is displayed.
- 6. To save your new key label selections for the current mode, press and release another component key or the **SETUP** key. The display shows the Confirm to Save Screen. Press and release the LCD **OK** key to save or the LCD **EXIT** key to delete the changes you have made.
- 7. If you pressed another component key in step six, those key labels are now displayed and you can proceed to rename them, if desired.
- 8. If the **SETUP** key was pressed in step six, the screen returns to the Key Label Options? Screen.
- 9. The relabeling of keys is complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



Learned Key Reference Page

IMPORTANT NOTE: You cannot learn any commands under the LCD **LEARN**, LCD **MACRO**, **SETUP**, **BACKLIGHT** or any LCD component keys. The following screen can be used to store learned keys under a component mode. This page can be used to document the learned keys.

Component:_____

LEARN				MACRO
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

Component: _____

LEARN

MACRO

AUX

**VCR
DVD
PVR**

**CABLE
SAT**

**PVR
VCR
DVD**

TV

AUDIO1
CD TUNER
TAPE AMP

AUDIO2
CD TUNER
TAPE AMP

AUDIO4
CD TUNER
TAPE AMP

AUDIO3
CD TUNER
TAPE AMP

TAPE AMP

Component: _____

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

Component:_____

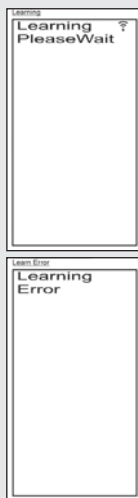
LEARN				MACRO
AUX				AUDIO1
				CD TUNER
VCR	DVD	PVR		TAPE AMP
				AUDIO2
				CD TUNER
				TAPE AMP
CABLE	SAT	PVR	VCR	DVD
		TV	AUDIO4	AUDIO3
			CD TUNER	CD TUNER
			TAPE AMP	TAPE AMP

Learning

Learning Tips

Before transferring commands from your original remote to the RCU1010RF, check out these useful tips on Learning.

1. Make sure you are using fresh batteries in both the RCU1010RF and your original remote(s).
2. It is recommended that a Master Clear be done before attempting any Learning. This clears all Learned commands for all component modes. (See section on Master Clear.)
3. Point the top of the original remote at the base of the RCU1010RF so the IR LED on the original remote is in line with the RCU1010RF Learn sensor, located at the bottom of the remote.
4. The distance between the two remotes should be approximately 2-3 inches apart.
5. To ensure that your units are compatible and to increase your familiarity with the Learning process, you may wish to experiment by learning two or three keys initially. Then, carry out a Master Clear before learning all the desired functions from your original remote.
6. Incandescent or low-energy light can cause interference with the IR transmissions. When using the Learning function, keep the remotes at least three feet away from such light sources.
7. When learning a key, do not release the key on your original remote until the Learning Success Screen is displayed on the RCU1010RF touchscreen, which takes approximately 2-3 seconds. Until this occurs, the LCD touchscreen will display the Learning Please Wait Screen.
8. You cannot learn any commands under the LCD **LEARN**, LCD **MACRO**, **SETUP**, **BACKLIGHT** or any LCD component keys.
9. If there is a problem during the Learning process, the LED indicator light flashes for two seconds and the Learning Error Screen appears on the touchscreen. The unit still remains in Learning Mode.
10. All Learned keys are saved automatically.
11. When the memory is full, the display shows the Memory Full Screen and the LED indicator light flashes for two seconds. It is not possible to learn any keys without first clearing Learned commands under a component mode.



Code Learning

Codes from the Code Lists include basic functionality for each component they control. Once you have programmed in the code for your specific component, you can customize the RCU1010RF touchscreen to include certain functions from your original remote(s) that were not embedded in the preset code.

Your RCU1010RF has the ability to learn and store commands from your original remote(s) under the mode(s) of your choice. The RCU1010RF can store more than 30 key commands for each original remote. Only one original remote can be learned under any one mode (i.e., the RCU1010RF can learn the commands for one TV remote, one VCR remote, one DVD remote, etc.).

Once you have taught your RCU1010RF any additional commands from the original remotes and set your Key Label Options, use the Learned Key Reference Pages in this manual to enter your customized options for each mode.

Learning Commands

Now you're ready to have your RCU1010RF learn the commands from your existing remote(s). All Learned keys are saved automatically. Remember, only one original remote can be stored under any one mode. The RCU1010RF can learn the commands for one TV remote, one VCR remote, one DVD remote, etc.

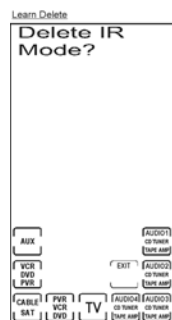
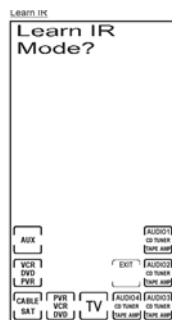
1. Gather all the remotes that you want to learn and have them all lined up on a flat surface before going into the Learn IR Mode.
2. Place the first original remote in the Learning position (see Learning Tips section on pg. 14). Point the top of the original remote at the base of the RCU1010RF so the IR LED on the original remote is in line with the RCU1010RRF Learn sensor, located at the bottom of the remote. The remotes should be positioned 2-3 inches apart.
3. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
4. Release the **SETUP** key.
5. Press and release the LCD **LEARN** key. The Learn IR Mode? Screen is displayed.
6. Press and release the desired component key (**TV**, **VCR**, **SAT**, **AUX**, etc.). The Learn IR Key? Screen is displayed.
7. Press and release the LCD key or the rubber key on the RCU1010RF that you wish to use to store the Learned commands. The Learning Please Wait Screen appears.
Note: You cannot learn any commands under the LCD **LEARN**, LCD **MACRO**, **SETUP**, **BACKLIGHT** or any LCD component keys.
8. Press and hold the original remote key you want to transfer to the RCU1010RF until the Success Screen, followed by the Learn IR Key? Screen, appears in the display. This process can take 2-3 seconds to complete.
9. Release the original remote key. If there is a problem during the Learning process, the LCD displays the Learn Error Screen for three seconds but still remains in the Learning Setup Mode. If this occurs, try adjusting the distance between the remotes slightly and repeat from step 7.
10. Repeat steps 7-9 for other keys to be learned.
11. When all the original remote commands have been learned, press and release the **SETUP** key. The display shows the Learning Completed Screen, followed by the Learning IR Mode? Screen. At this point, you can press and release the next component key for additional remotes you want the RCU1010RF to learn and repeat steps 6-9.
12. The Learning process is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.

Note: If the LCD **EXIT** key does not respond, press and release the **SETUP** key repeatedly until the Exit Setup Screen appears.

Clear All Stored Learned Commands Under a Mode

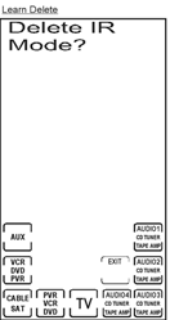
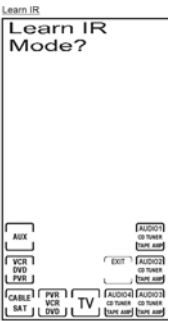
If you want to clear all of the Learned commands under one mode (e.g., TV, VCR, DVD, etc.), follow these steps:

- Note:** If no commands have been learned, this option is not shown in the Setup Mode. Upon deletion of Learned commands, all previously Learned keys under that component mode return to their preset code functions.
1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
 2. Release the **SETUP** key.
 3. Press and release the **SETUP** key repeatedly until the Delete IR Mode? Screen appears.



Clear All Stored Learned Commands Under a Mode (continued)

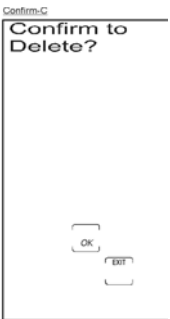
4. Press and release the desired component key for the Learned commands you want the RCU1010RF to clear (**TV**, **VCR**, **SAT**, **AUX**, etc.).
- Note:** Only the components that have Learned commands are shown on the LCD touchscreen.
5. The Confirm to Delete? Screen is displayed. Press and release the **OK** key on the LCD touchscreen. The display shows the Deleting Wait Screen. If there are no other component modes with Learned commands, the Learn IR Mode? Screen appears. If there are other component modes with Learned commands, the Delete IR Mode? Screen is displayed.
6. All Learned commands that were previously programmed under that mode are now cleared. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



Master Clear

Clearing all stored Learned commands is recommended before first-time Learning. To clear all Learned commands, follow these steps:

- Note:** If no commands have been learned, this option is not shown in the Setup Mode.
1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
2. Release the **SETUP** key.
3. Press and release the **SETUP** key repeatedly until the Delete IR All? Screen appears.
4. Press and release the LCD OK key.
- Note:** If, at this point, you wish to abort the Master Clear operation, press and release the LCD **EXIT** key.
5. The Confirm to Delete? Screen is displayed. Press and release the LCD **OK** key. The LCD touchscreen displays the Deleting Wait Screen, followed by the Learn IR Mode? Screen.
6. All Learned commands are now cleared for all component modes.
7. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



SmartMacro Key Operations

Your RCU1010RF's SmartMacro feature allows you to execute a sequence of commands with one keypress. A SmartMacro learns any sequence of original remote commands. A total of 20 Learned commands can be stored under each of the nine available LCD Macro keys. If you program all 20 keys into a SmartMacro, the Macro is automatically stored after the twentieth Learned command is completed. The sequence of commands you want a SmartMacro to execute must be programmed in correct sequential order. Any sequence of commands that you regularly perform can be stored as a SmartMacro and reduced to a single keypress. You cannot program a Macro within a Macro.

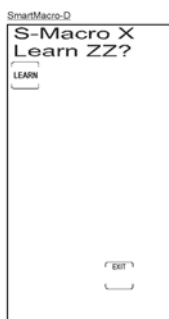
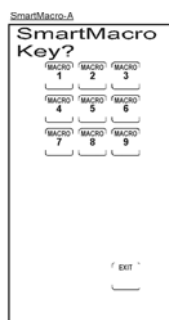
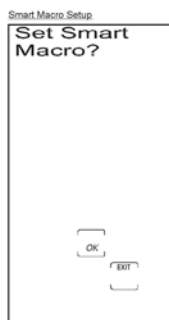
Program a SmartMacro

Example of Programming a Macro

1. Turn on the TV and set it to channel 3.
2. Turn on the satellite receiver and set it to channel 57.
3. Turn on the VCR.
4. Now you're ready to record your favorite satellite program with just a keypress.

To program a SmartMacro, follow these steps:

1. Gather all your original remotes that contain functions you would like to add to a SmartMacro.
2. Place the first original remote in the Learning position (see Learning Tips section on pg. 14). Point the top of the original remote at the base of the RCU1010RF so the IR LED on the original remote is in line with the RCU1010RF Learn sensor, located at the bottom of the remote. The remotes should be positioned 2-3 inches apart.
3. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
4. Release the **SETUP** key.
5. Press and release the LCD **MACRO** Key. The Set SmartMacro? Screen is displayed.
6. Press and release the LCD **OK** key.
7. The touchscreen now displays the SmartMacro Key? Screen. Press and release the digit key under which you want to store the SmartMacro (from 1-9).
8. The touchscreen now shows the S-MacroX Learn? Screen. Press and release the LCD **LEARN** key.
9. The S-Macro X Learning Screen now appears on the touchscreen. Press and hold the key on the original remote until the LED indicator light on the RCU1010RF blinks once. This process takes 2-3 seconds to complete.
Note: If there is a problem during the Learning process, the S-Macro X Error Screen is displayed for three seconds but remains in the SmartMacro routine and returns to the S-Macro X Learning Screen. If no Learned command is detected, the RCU1010RF will timeout after 30 seconds.
10. Release the original remote key.
11. Program additional commands in the order you want them to be stored in the SmartMacro. To add commands to the SmartMacro, repeat steps 8-9 above, using the original remotes to program. When finished, press and release the LCD **OK** Key. You can store up to 20 learned commands under one SmartMacro.



Program a SmartMacro (continued)

- 12. Once you are finished programming the Macro, press and release the LCD **OK** key to confirm and save.
- 13. The touchscreen returns to the Set SmartMacro? Screen.
- 14. The SmartMacro programming is complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.

Note: If the LCD **EXIT** key does not respond, press and release the **SETUP** key repeatedly until the Exit Setup Screen appears.



Execute a SmartMacro

To execute a SmartMacro that has been previously programmed, follow these steps:

- 1. Press and release the **SETUP** key, the **BACKLIGHT** key, or any LCD touchscreen key to activate the LCD touchscreen.
- 2. Press and release the LCD **MACRO** key.
Note: If no Macros are programmed, the No Macro Stored Screen is displayed.
- 3. Press and release the programmed LCD **MACRO** key number corresponding to the sequence you wish to activate.
- 4. If the keypress beep is enabled, you hear a series of beeps as the Macro executes. The number of beeps you hear corresponds to the number of Learned commands within the Macro.

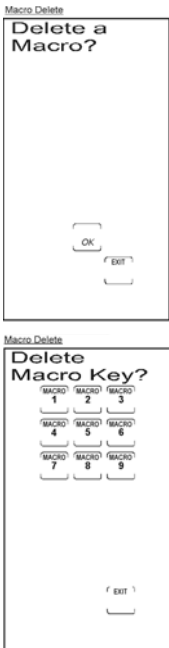
Delete a SmartMacro

To delete a SmartMacro that has previously been programmed, follow these steps:

Note: If no Macros have been previously programmed, this option is not shown in Setup Mode.

- 1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
- 2. Release the **SETUP** key.
- 3. Press and release the **SETUP** key repeatedly until the Delete a Macro? Screen appears. Press and release the LCD **OK** key.
- 4. The LCD displays the Delete Macro Key? Screen. Press and release the LCD **MACRO** key (1-9) to select the previously programmed Macro you wish to delete.

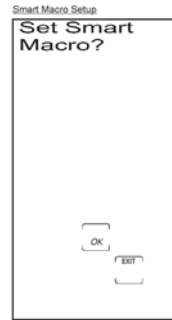
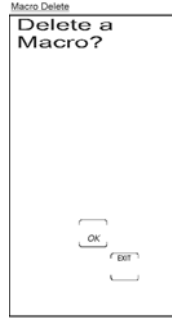
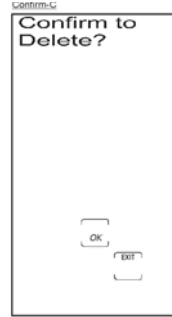
Note: When deleting a Macro, only the programmed Macro key(s) are displayed on the LCD touchscreen.



5. The LCD touchscreen displays the Confirm To Delete? Screen. Press and release the **OK** key on the LCD.

Note: If you are in the process of deleting a SmartMacro and you decide not to delete it, you can abort the deletion process by pressing the LCD **EXIT** key.

6. If there are additional Macros already programmed, the touchscreen displays the Delete a Macro? Screen again. You may delete additional macros at this point, if you wish.
7. If there are no previously programmed Macros, the touchscreen displays the Set a SmartMacro? Screen.
8. The Macro deletion is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.

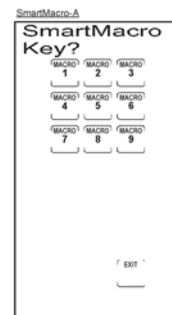
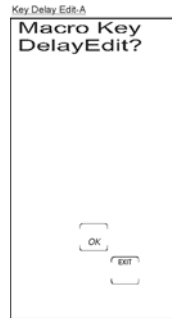


Edit a SmartMacro Inter-key Delay

It may be necessary to add a delay in between the Macro commands to allow your components time to respond to all commands within the Macro. Once programmed, you can adjust the time delays between each command in the Macro sequence. Any delay added to the Macro sequence is counted as one keystroke of the possible 20 keystrokes for a SmartMacro. To add inter-key delays to a SmartMacro, follow these steps:

Note: If no Macros have been previously programmed, this option is not shown in Setup Mode.

1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
2. Release the **SETUP** key.
3. Press and release the **SETUP** key repeatedly until the Macro Key Delay Edit? Screen appears. Press and release the LCD **OK** key.
4. The SmartMacro Key? Screen is shown. Press and release a digit key (1-9) for the Macro you want to edit. Only previously programmed Macros are displayed. The maximum delay is 9.5 seconds.



Edit a SmartMacro Inter-key Delay (continued)

- To change the delay time between keys, press and release the LCD **UP** or **DOWN ARROW** key to select the desired delay time. You can increase the delay time in 0.5 second increments. Pressing the LCD **EXIT** key programs the default delay of 0.5 seconds.
- After each inter-key delay you program, press and release the LCD **OK** key to advance to the next inter-key delay.
- Repeat steps 5-6 for each inter-key delay in the stored Macro sequence.
- The SmartMacro Inter-key Delay process is now complete. To exit the Setup Mode, press the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.

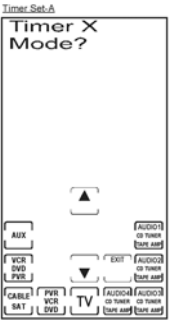


Event Timer

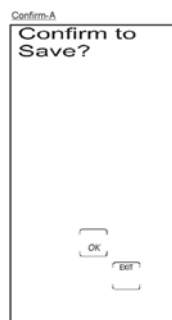
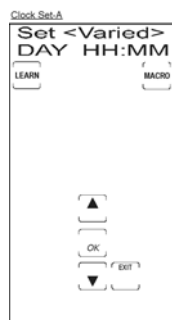
Set an Event Timer

The Event Timer lets you program your RCU1010RF to turn a component (TV, VCR, AUDIO, etc.) on or off at the preprogrammed time. For example, you can program your AUDIO equipment to turn music on, program your TV as a Sleep Timer to turn off at a certain time, or program your VCR to turn on and record. Up to four timer events can be set. However, events you program happen only once, on the day you program them. You cannot program events for future days; they must be on the current day. After setting up your Event Timer, be sure to leave the remote pointed at the component(s) you have programmed it to control. To set an Event Timer, follow these steps:

- Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
- Release the **SETUP** key.
- Press and release the **SETUP** key repeatedly until the Setup a Timer? Screen appears. Press and release the LCD **OK** key.
- The Timer 1 Mode? Screen appears. Press and release the desired component key (**TV**, **VCR**, **AUX**, etc.).
- The Timer 1 Key? Screen appears. Press and release the key you want to program to activate after a certain time delay. For example, to set your VCR to record, press and release the **VCR** component key in step four, then the LCD **RECORD** key.
- The Set Hours? Screen appears. The hour (HH) digits are flashing. The day is not used for Event Timer settings. Press and release the LCD **UP** or **DOWN ARROW** key to select the desired hour. Press and release the LCD **OK** key.



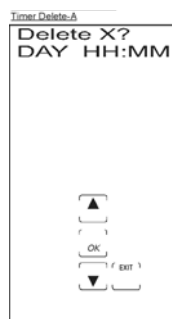
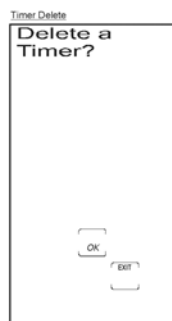
7. The minutes (MM) digits are now flashing. Press and release the LCD **UP** or **DOWN ARROW** key to select the minutes. Press and release the LCD **OK** key.
 8. Press and release the LCD **OK** key again to confirm and save.
 9. Once the first Event Timer is set, the LCD displays the Timer 2 Mode? Screen for setting the next Event Timer. If you want to set another Event Timer, repeat steps 4-8. If you do not want to set any more Event Timers, press and release the LCD **EXIT** key.
- Note:** A symbol (T) will be displayed to signify a Timer is set. The LCD touchscreen will remain on until the Timer expires.
10. The Set an Event process is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



Delete an Event Timer

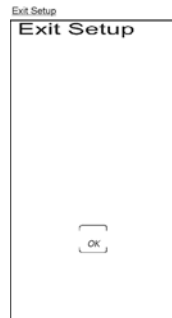
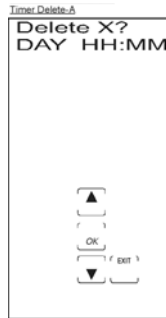
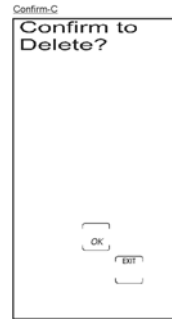
Any set Event Timer is indicated by the symbol (T) displayed above the clock on your LCD touchscreen. To delete an Event Timer, follow these steps:

- Note:** If no Event Timer has been previously set, this option is not shown in Setup Mode.
1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Delete a Timer? Screen.
 2. Press and release the LCD **OK** key.
 3. The Delete 1? Screen displays the current day and the programmed HH:MM Event Timer.
 4. The event number is displayed (1, 2, 3, or 4). Press and release the **SETUP** key repeatedly until the Event Timer you wish to delete is displayed.
 5. To delete this event, press and release the LCD **OK** key. To cancel this operation, press and release the **SETUP** key repeatedly until the Exit Setup Screen is displayed. Press and release the LCD **OK** key.



Delete an Event Timer (continued)

- The Confirm to Delete? Screen is displayed. Press and release the LCD **OK** key. This display returns to either the Delete a Timer Screen or, if no more Event Timers have been programmed, to the Exit Setup Screen.
- Deleting an Event Timer is now complete. To exit Setup Mode, press and release the LCD **OK** key at the Exit Setup Screen.



TV or CD/AUDIO Volume Punch-through

Your RCU1010RF's Volume Punch-through feature allows you to choose which component mode (either TV or AUDIO 1, 2, 3 or 4) controls the **VOL+**, **VOL-** and **MUTE** keys on the rubber keypad. With this feature, your TV volume can work even when you are in VCR Mode, because it "punches through" from one component to another.

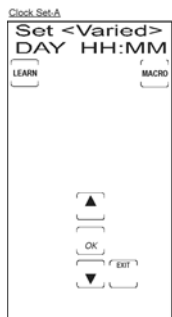
The component you select for Volume Punch-through control must be either the TV or the AUDIO 1, 2, 3 or 4 component programmed with a CD / AUDIO component. The power-on default for volume control is TV Volume Punch-through.

Once the Volume Punch-through feature is programmed, your TV or AUDIO component **VOL+**, **VOL-** and **MUTE** keys work even when you are in CABLE, DVD, SAT and VCR Modes.

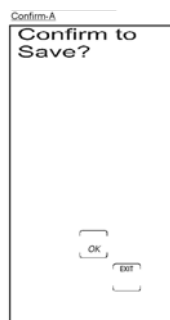
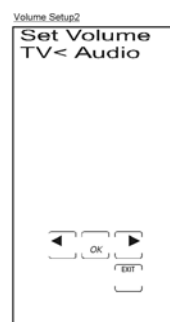
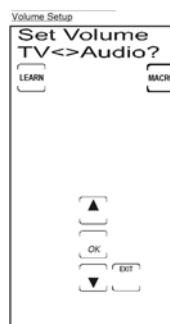
Note: All CD / AUDIO Modes take any Volume/Mute keypress commands from the CD / AUDIO code, even when the TV is programmed as the Punch-through component. All other components punch through to the TV Volume/Mute control. When the CD / AUDIO option is chosen as the Punch-through component, all modes take any Volume/Mute keypress commands from the CD / AUDIO code.

To change the component that controls the **VOL+**, **VOL-** and **MUTE** keys Punch-through, follow these steps:

- Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
- Release the **SETUP** key.
- Press and release the **SETUP** key repeatedly until the Set More Options? Screen appears. Press and release the LCD **OK** key. The Set Time? Screen appears.
- Press and release the **SETUP** key or LCD **UP ARROW** key repeatedly until the Set Volume TV<>Audio Screen appears. Press and release the LCD **OK** key.



5. The Set Volume TV<>Audio Screen remains in the display with a solid arrow indicating the current setting. Press and release the LCD **LEFT** or **RIGHT ARROW** key to select TV or AUDIO. Press and release the LCD **OK** key to save the selection.
 - If AUDIO is selected, the display shows the Set Volume AudioMode? Screen for Audio Mode to be used for VOLUME/MUTE control. Press and release the desired Audio Mode and press and release the LCD **OK** key to confirm to save.
 - If TV is selected, press and release the LCD **OK** key to confirm to save.
6. The LCD displays the Set More Options Screen. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



VCR/DVD Punch-through

Your RCU1010RF punches through the five transport keys (**REVERSE**, **PLAY**, **FORWARD**, **STOP** and **PAUSE**) to VCR or DVD Mode, whichever was used most recently. Punch-through to **VCR** or **DVD** transport keys on the rubber keypad is only allowed for TV, VCR, DVD and CABLE Modes. The **AUX**, **SAT** and **CD/AUDIO** transport keys are dedicated to their programmed modes.

Note: The LCD shows component changes for the **VCR** or **DVD** Punch-through keys if they are pressed in other modes (e.g., If you are in CABLE Mode and you press and release **PLAY**, either VCR or DVD is displayed in the LCD).

Record Key

In the VCR and AUDIO/CD Modes (including Punch-through), the LCD **RECORD** key must be pressed twice before the command is sent. This is also true if a VCR component is programmed under any other mode. The exceptions are for DVD and SAT codes, where the LCD **RECORD** key transmits the command after only a single **RECORD** keypress.

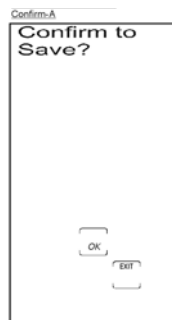
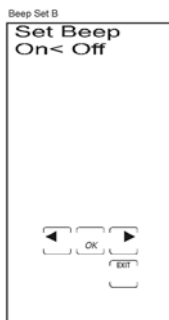
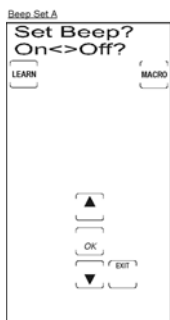
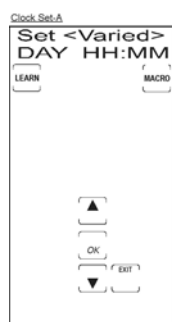
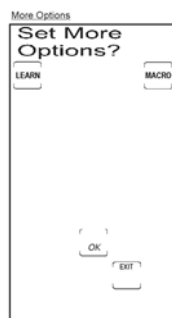
Additional Features

Keypress Beep Feature

Your RCU1010RF beeps whenever a key is pressed to acknowledge the keypress. You can turn this feature on or off. The default setting is On.

To turn the Keypress Beep on or off, follow these steps:

1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
2. Release the **SETUP** key.
3. Press and release the **SETUP** key repeatedly until the Set More Options? Screen appears. Press and release the LCD **OK** key. The Set Time? Screen now appears in the LCD.
4. Press and release the **SETUP** key or the LCD **UP ARROW** key repeatedly until the Set Beep? On<>Off Screen is displayed. Press and release the LCD **OK** key.
5. The Set Beep? On<>Off Screen remains in the display with a solid arrow indicating the current setting. Press and release the LCD **LEFT** or **RIGHT ARROW** key to select On or Off. Press and release the LCD **OK** twice to confirm and save the beep state change.
6. The LCD displays the Set More Options? Screen and the beep change is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.

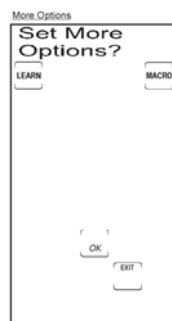


LCD Touchscreen Display Time

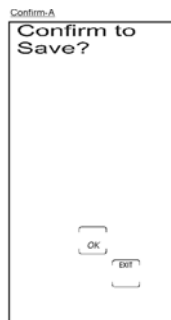
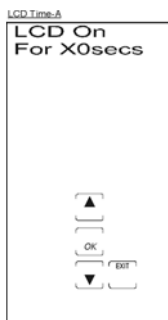
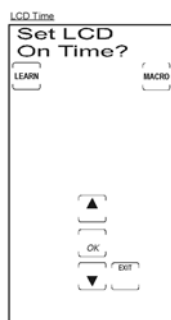
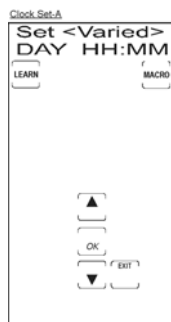
You can choose the length of time (10, 20, 30 ... 90 seconds) that the touchscreen remains on after the last keypress. The power-on default is 10 seconds from the last keypress. The LCD On Time cannot be set to a length less than the Backlight On Time.

To change the LCD Touchscreen Display Time, follow these steps:

1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
2. Release the **SETUP** key.
3. Press and release the **SETUP** key repeatedly until the Set More Options? Screen appears. Press and release the LCD **OK** key. The Set Time? Screen now appears in the LCD.



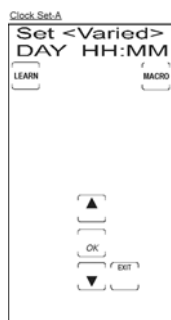
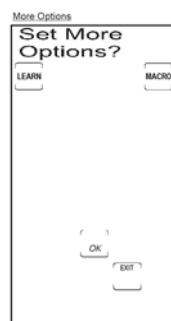
- Press and release the **SETUP** key or the LCD **UP ARROW** key repeatedly until the Set LCD On Time? Screen is displayed. Press and release the LCD **OK** key.
- The LCD displays the LCD On for 10 Secs Screen (or the length of time previously programmed). Press and release the LCD **UP** or **DOWN ARROW** keys to select the desired On Time. You can only change the time in 10-second increments from 10 to 90 seconds. Press and release the LCD **OK** key twice to confirm and save your settings.
- The Set More Options? Screen is displayed. The LCD Touchscreen Display Time setting is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



Set Day and Time for LCD Display

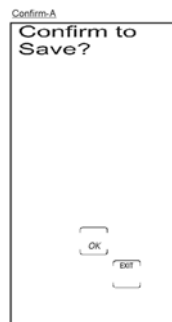
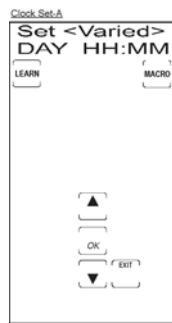
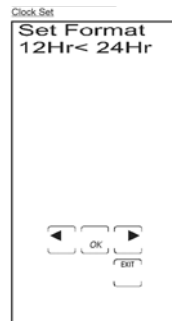
You can set the day and time the LCD displays. To set the day and time for the LCD display, follow these steps:

- Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
- Release the **SETUP** key.
- Press and release the **SETUP** key repeatedly until the Set More Options? Screen appears. Press and release the LCD **OK** key.
- The Set Time? Screen now appears with the current day (DAY) and time (HH:MM) in the LCD. Press and release the LCD **OK** key.
- The Set Format 12 Hr<>24Hr Screen now appears in the LCD. A solid arrow indicates the current setting. Press and release the LCD **LEFT** or **RIGHT ARROW** keys to select 12Hr or 24Hr time format. Press and release the LCD **OK** key.
- The Set Day Screen now appears with DAY flashing.
- Press and release or press and hold the LCD **UP** or **DOWN ARROW** keys to select the DAY. Press and release the LCD **OK** key once you have reached the correct day.



Set Day and Time for LCD Display (continued)

8. The HOURS (HH) digits will now be flashing. Press and release or press and hold the LCD **UP** or **DOWN ARROW** keys to select the hour. Press and release the LCD **OK** key once you have reached the correct hour.
- Note:** To adjust the AM / PM designation, repeatedly scroll through the hour settings.
9. The MINUTES (MM) digits now flash. Press and release or press and hold the LCD **UP** or **DOWN ARROW** keys to select the minutes. Press and release the LCD **OK** key once you have reached the correct minute setting.
10. Press and release the LCD **OK** key to confirm and save.
11. Upon completion of setting the day, time and hour format, the Set More Options? Screen appears. The Day and Time setting is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



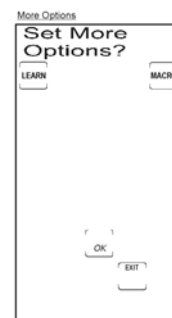
Backlighting

Backlight illumination is generated by an Electroluminescent (EL) panel that gives a blue light, which lets you see the touchscreen in the dark. Backlight illumination is only activated when you press and release the **BACKLIGHT** key on the rubber keypad. Pressing the **BACKLIGHT** key will also activate the LCD touchscreen display. After you press and release the **BACKLIGHT** key, the light remains on for the power-on default of 10 seconds (or the length of time previously programmed) if no keys are pressed.

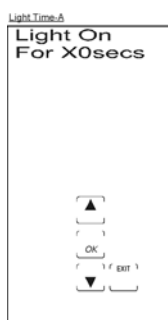
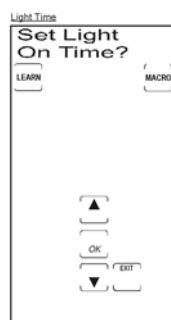
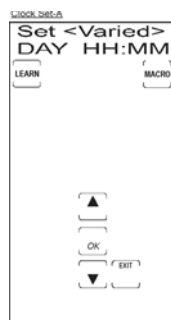
If another key is pressed after the **BACKLIGHT** key, the illumination continues for another 10 seconds (or the length of time previously programmed) after the key is released. Once the Backlight time has expired, the Backlight does not re-activate until the **BACKLIGHT** key is pressed again. If the Backlight illumination is on, and the **BACKLIGHT** key is pressed again, the Backlight turns off.

To change the duration of the Backlight On Time, follow these steps:

1. Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
2. Release the **SETUP** key.
3. Press and release the **SETUP** key repeatedly until the Set More Options? Screen appears. Press and release the LCD **OK** key. The Set Time? Screen now appears in the LCD.



- Press and release the **SETUP** key or the LCD **UP ARROW** key repeatedly until the Set Light On Time? Screen is displayed. Press and release the LCD **OK** key.
- The LCD displays the Light On for 10 Secs Screen (or the length of time previously programmed). Press and release the LCD **UP** or **DOWN ARROW** keys to select the desired On Time. You can only change the time in 10-second increments from 10 to 90 seconds.
Note: The Backlight On Time cannot be set greater than the LCD display time. Press and release the LCD **OK** key twice to confirm and save your settings.
- The Set More Options? Screen is displayed. The Backlight On Time setting is now complete. To exit the Setup Mode, press and release the LCD **EXIT** key, followed by the LCD **OK** key on the Exit Setup Screen.



Master Reset

A Master Reset returns all the RCU1010RF defaults back to the original factory settings. The Master Reset clears all customer-programmed codes, Learned commands and SmartMacros, and resets all key labels.

To perform a Master Reset, follow these steps:

- Press and hold the **SETUP** key on the rubber keypad for 2-3 seconds until the LED indicator light remains on and the touchscreen shows the Code Setup Mode? Screen.
- Release the **SETUP** key.
- Press and release the **SETUP** key repeatedly until the Reset ALL? Screen appears.
- Press and release the LCD **OK** key.
- The LCD displays the Confirm to Reset? Screen. Press and release the LCD **OK** key. The Please Wait Screen appears and the LCD touchscreen turns off.
- All settings are now reset to the factory default.



RCA All Power Off Feature

The RCA All Power Off feature is available in all normal operating modes. If the **ON•OFF** key on the rubber keypad is pressed twice consecutively (within two seconds), all RCA equipment is turned off. The touchscreen shows the Power Off Screen while this routine is active.

Glossary of Terms

AUDIO FEATURES

AM•FM KEY

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

CENTER, FRONT, REAR & TEST KEYS

You can adjust the levels of the center, front and rear speakers by using the LCD **UP ARROW/DOWN ARROW** keys. The **TEST** key is used when you make speaker balance adjustments to maximize the performance of your AUDIO system.

CD, TAPE, TUNER, TV, VIDEO KEYS

Use the **CD**, **TAPE**, **TUNER**, **TV** and **VIDEO** keys to select the component you want to control.

DSP KEY

When the Digital Signal Processing (DSP) Mode is enabled, pressing this key allows you to cycle through the various DSP Modes.

UP ARROW / DOWN ARROW KEYS

The **UP** and **DOWN ARROW** keys are used to make adjustments on delay time, center speaker output level, rear speaker output level, front speaker level or subwoofer level.

PROG KEY

The **PROGRAM** key is used to program your AUDIO preset channels.

BACKLIGHT KEY

The **BACKLIGHT** key turns the LCD Backlighting on or off.

COMPONENT KEYS

The component keys on the LCD change the component currently being controlled by the remote (e.g., **TV**, **VCR**, **CABLE**, **SAT**, **DVD**, **AUDIO 1**, **2**, **3**, **4**). The **AUDIO 1-4** keys allow you to program your CD, TUNER, TAPE and AMP player.

ENTER KEY

The LCD **ENTER** key is used to complete channel selections for some brands of TVs. It is also used to complete the highlighted sections when navigating through new screens.

GO BACK KEY

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

GUIDE KEY

If your component is equipped with this feature, the LCD **GUIDE** key brings up the on-screen program listing.

INPUT KEY

The LCD **INPUT** key selects the video inputs of your component, if the component is equipped with this feature.

LEARN

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

LED INDICATOR LIGHT.

The Light Emitting Diode (LED) indicator light, located at the upper right-hand side of the RCU1010RF unit, lights up whenever a rubber key or any LCD touchscreen key is pressed. The LED indicator light flashes and beeps three times (approximately two seconds) to indicate any error condition.

LIQUID CRYSTAL DISPLAY

The Liquid Crystal Display (LCD) acts as the “virtual keypad” on the remote. The touchscreen is normally blank when the remote is not in use. Pressing the **SETUP** or **BACKLIGHT** key, or touching anywhere on the LCD, turns the display on. The remaining rubber keys do not activate the display. **NOTE:** Please use only your finger to touch the LCD screen. Sharp objects may cause scratches or cracks.

MENU KEY

The LCD **MENU** key brings up the Main Menu. If you are already in the menu system, press and release the LCD **OK** or **MENU** keys to select a highlighted choice. Use the LCD NAVIGATION keys (**UP**, **DOWN**, **LEFT**, and **RIGHT ARROW** keys) to move through the menu selections.

NOTE: With some brands, the **CH+** and **CH-** and **VOL+** and **VOL-** keys on the rubber keypad navigate through the highlighted choices. Once you select a component key on the LCD touchscreen (**TV**, **VCR**, **DVD**, etc.), you put the remote in that mode, and it remains in that mode until you press and release another mode key. When you put the remote in a specific mode, the control screen for that mode is shown on the touchscreen. For example, if you put the remote in TV Mode, the screen you see on the touchscreen is the TV Mode control screen.

MUTE KEY

The **MUTE** key on the rubber keypad mutes the volume on your component with volume control.

NAVIGATION KEYS & SELECT KEY

Use the LCD NAVIGATION keys (**UP**, **DOWN**, **LEFT** and **RIGHT ARROW** keys) to move through the on-screen menu and guides. The NAVIGATION keys may also be used to move through the highlighted choices. The LCD **SELECT** key chooses the highlighted choice.

NOTE: With some manufactured models, the LCD **MENU** or **ENTER** key is used to select the highlighted choices.

PIP & SWAP KEYS

The LCD Picture-in-Picture (**PIP**) and **SWAP** keys operate your TV's Picture-in-Picture, if equipped with this feature.

PUNCH-THROUGH

A Punch-through command has the ability to punch through from one component to another (e.g., pressing the TV **VOL+/VOL-** keys can work while the remote is in the VCR Mode).

REVERSE, STOP, PLAY, PAUSE, FORWARD KEYS

These rubber keys operate the same as your existing remotes.

SETUP KEY

The **SETUP** key on the rubber keypad is used to walk you through the steps in setting up the remote. Setup is used for Code List Entry, Code Search, Code Identification and other functions. During a Setup function, if no button is pressed for 60 seconds, the remote automatically exits from the Setup routine.

SLEEP KEY

The LCD **SLEEP** key allows you to turn your TV off automatically, if your TV is equipped with this feature.

SMARTMACRO

When programmed, the SmartMacro function causes a series of events to occur in sequential order. Once programmed, pressing the LCD **MACRO** key activates a screen that allows you to select any of your programmed Macros. An example of a Macro sequence could be “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 nine SmartMacros, each consisting of up to 20 commands.

TIMER

This feature allows an event to happen at a later time on the current day, such as “Turn the TV on at 7:00 PM.” The Timer Mode allows you to set up to four individual commands and must be reprogrammed after each event occurs.

TV•VCR KEY

The LCD **TV•VCR** key operates the same as the **TV/VCR** or antenna keys on your original remotes.

VOLUME AND CHANNEL KEYS

The **VOLUME** and **CHANNEL** keys (**VOL+/VOL-**, **CH+**, and **CH-** keys) on the rubber keypad increase and decrease the volume level and channel numbers.

NOTE: With some brands, these keys also navigate through the highlighted choices in the menu options.

Troubleshooting

PROBLEM

The touchscreen does not show anything you touch it or when you press the **SETUP** or **BACKLIGHT** keys.

SOLUTION

- Replace the batteries with four new AAA alkaline batteries.
- Check to make sure the batteries are properly installed.

The remote does not operate your audio or video components.

- Try all code programming procedures with all the codes from the appropriate part of the Code Lists.
- Make sure the remote is in the correct mode for the component you are attempting to control (TV, VCR, DVD, etc.)
- Make sure the remote is pointed at the component being operated.

You have problems programming a TV/VCR or TV/DVD combination unit.

- Try the VCR or DVD code for your brand. Some combination units, however, may require both a TV and a VCR or DVD code for full operation. To do this, program the TV code under the **TV** key and the VCR or DVD under the **VCR** or **DVD** key.

Your VCR is not recording.

- As a safety feature on your remote, you must press the LCD **RECORD** key twice.

You have trouble changing the channels on your TV.

- If your original remote requires the **ENTER** key to be pressed after a channel is selected, press the LCD **ENTER** key on the RCU1010RF to select the channel.

The LCD **SELECT** key is not responding.

- Try using the LCD **MENU**, **GUIDE**, or **ENTER** key to make the selection.

The LCD **EXIT** key does not respond during the MACRO or LEARN process.

- Press and release the **SETUP** key repeatedly until the Exit Setup Screen appears. Press the LCD **OK** key.

The IR Learning or SmartMacro processes cannot be completed successfully.

- Replace batteries in the RCU1010RF and the remote from which you are trying to learn.
- The distance between the remotes should be approximately 2-3 inches.
- Do not conduct the Learning process near an incandescent lamp.
- The memory capacity is full (20 Learned commands for each of the nine modes).
- The original remote may not be compatible with the Learning procedure.

Code List

Televisions

Abex	.185
Acme	.021, .050
ADA	.013
ADC	.006, .002
Admiral	.001, .173
Adventura	.174
Aiko	.058
Aiwa	.195, .196
Alleron	.046
Amark	.020
Amtron	.053
Akai	.002
Amstrad	.189
Anam National	.003, .025, .042, .053, .193
AOC	.004, .005, .007, .009, .014, .132, .156, .175
Archer	.020
Audiovox	.053
Bang & Olufsen	.190
Belcor	.004
Bell & Howell	.000, .001, .049
Bradford	.053
Broksonic	.136, .147
Brokwood	.004
Candle	.004, .008, .009, .174
Capehart	.175
Celebrity	.002
Centurion	.009
Cetronic	.042
Citizen	.001, .004, .008, .009, .042, .053, .058, .105, .109, .177
Clairtone	.014
Classic	.042
Colortyme	.004, .009, .010
Concerto	.004, .009
Concierge	.121
Contec/Cony	.012, .013, .014, .042, .053
Craig	.042, .053
Crown	.042, .053
Curtis Mathes	.000, .001, .004, .009, .015, .031, .049, .105, .109
CXC	.042, .053
Daewoo	.004, .005, .009, .017, .018, .019, .042, .058, .082, .083, .085, .097, .100, .126, .127, .130, .138
Daytron	.004, .009
Dimensia	.000, .031
Dumont	.004, .121
Dynasty	.042
Elektra	.001
Electroband	.002, .014
Electrohome	.003, .004, .009, .022, .133
Emerson	.004, .009, .014, .023, .024, .025, .026, .027, .030, .032, .033, .034, .035, .36, .037, .038, .039, .040, .041, .042, .043, .045, .046, .049, .053, .116, .135, .147, .177, .179
Envision	.004, .009
Fisher	.013, .049, .050, .180, .209
Fujitsu	.046, .197
Funai	.042, .053, .046
Futuretec	.042, .053
GE	.000, .003, .004, .009, .022, .031, .044, .052, .054, .055, .087, .092, .103, .107, .125, .164, .181
Gibraltar	.004, .121
Goldstar	.004, .005, .009, .056, .057, .133, .155, .156, .172
Grundy	.046, .053
Hallmark	.004, .009
Harvard	.053
Hitachi	.001, .004, .009, .013, .059, .060, .061, .088, .091, .137, .139, .140, .141, .142, .143, .144, .145, .146, .179, .210
IMA	.053
Infinity	.062
Inteq	.121
Janeil	.174
JBL	.062
JCB	.002
JC Penny	.000, .004, .005, .008, .009, .022, .031, .052, .054, .055, .063, .087, .105, .107, .109, .172, .181
Jensen	.004, .009
JVC	.013, .054, .055, .060, .065, .067, .089
Kawasho	.002, .004, .009
Kaypani	.175
KEC	.042
Kenwood	.004, .009, .133
Kloss Novabeam	.068, .069, .174
Konka	.016, .047, .066, .157, .158, .176
KTV	.014, .021, .042, .053, .070, .116, .177
Lodgenet	.000, .001
Loewe	.062, .211
Logik	.000, .001
Luxman	.004, .009
LXI	.000, .004, .009, .031, .049, .062, .107, .109, .181
Magnavox	.004, .008, .009, .062, .068, .069, .074, .075, .076, .077, .089, .133, .163, .165

Televisions (continued)

Majestic	.000, 001
Marantz	.004, 009, 062
Megatron	.004, 009, 059
MEI	.014
Memorex	.000, 001, 004, 009, 046, 049, 051, 135
MGA	.004, 005, 009, 022, 046, 133, 180
Midland	.054, 055, 107, 121, 172, 181
Minutz	.052
Mitsubishi	.004, 005, 009, 022, 046, 081, 089, 132, 133, 180
Montgomery Ward	.000, 001
Motorola	.003, 173
MTC	.004, 005, 009, 014, 105, 109
Multitech	.053
Multivision	.084
NAD	.004, 009, 109, 185
NEC	.003, 004, 005, 009, 010, 085, 089, 095
Nikei	.042
Nikko	.004, 009, 058
NTC	.058
Onking	.042
Onwa	.042, 053
Optimus	.170, 185
Optonica	.095, 173
Orion	.035, 121, 135
Panasonic	.003, 054, 055, 062, 070, 148, 149, 170, 171
Philco	.003, 004, 005, 008, 009, 062, 068, 069, 074, 075, 077, 133
Phillips	.003, 004, 006, 008, 062, 068, 069, 074, 075, 076, 086, 087, 089, 133, 163, 183, 184, 205, 206, 207, 208, 212, 213
Phillips / Magnavox	.183, 184, 208, 213
Pilot	.004
Pioneer	.004, 009, 090, 179, 185
Portland	.004, 005, 009, 058
Precision	.166
Price Cub	.105
Prism	.055
Proscan	.000, 031, 107, 181
Proton	.004, 009, 093, 175, 186, 192
Pulsar	.121
Pulser	.004
Quasar	.003, 054, 055, 062, 070, 148, 149, 170, 171
Radio Shack	.000, 004, 009, 031, 041, 042, 048, 049, 053, 095, 133, 155, 170, 172, 194
RCA	.000, 003, 004, 005, 007, 009, 011, 048, 078, 082, 083, 092, 094, 096, 098, 099, 101, 102, 103, 107, 113, 125, 129, 133, 167, 179, 181, 187, 188, 194
Realistic	.000, 004, 009, 031, 041, 042, 048, 049, 053, 095, 133, 155, 170, 172, 194
Rhapsody	.014
Runco	.121
Sampo	.004, 009, 172, 175
Samsung	.004, 005, 009, 015, 104, 105, 106, 109, 133, 172
Samsux	.009
Sansui	.135, 136
Sanyo	.004, 013, 049, 108, 110, 180, 209
Scotch	.004, 009
Scott	.004, 009, 024, 035, 042, 046, 053
Sears	.000, 004, 009, 013, 031, 046, 049, 105, 107, 109, 110, 133, 180, 181, 189
Sharp	.004, 009, 079, 095, 111, 112, 114, 122, 123, 124, 173
Shogun	.004
Signature	.000, 001, 023
Simpson	.008
Sonic	.014
Sony	.002, 006, 071, 128
Soundesign	.004, 008, 009, 042, 053, 046
Spectravision	.203
Squareview	.189
SSS	.004, 042, 053
Starlite	.053
Supremacy	.174
Supreme	.002
Sylvania	.004, 008, 009, 062, 068, 069, 074, 075, 076, 077, 133, 161, 163
Symphonic	.033, 053, 189
Tandy	.173
Tatung	.003
Technics	.054, 055
Techwood	.004, 009, 054, 055
Teknika	.000, 001, 004, 005, 008, 009, 013, 042, 046, 053, 058, 076, 105, 109, 170, 174
Telecaption	.117
Telerent	.000, 001
Tera	.004, 186
TMK	.004, 009
Toshiba	.013, 049, 089, 105, 109, 117, 118, 120, 159, 178
Universal	.052, 087
Victor	.060
Vidtech	.004, 005, 009
Viking	.174
Wards	.000, 001, 004, 005, 009, 024, 031, 033, 046, 052, 062, 068, 069, 074, 075, 076, 087, 095, 119, 133
White Westinghouse	.097, 100
Yamaha	.004, 005, 009, 133
Zenith	.000, 001, 004, 023, 038, 058, 059, 064, 121, 135, 136, 153

VCR/PVR

Admiral	.001
Adventura	.026
Aiko	.027
Aiwa	.002, 020, 026, 044
Akai	.003, 004, 005, 006, 008, 029, 111, 112
Allegro	.018, 022, 104
American High	.021, 060
ASHA	.013
Audio Dynamics	.009, 123
Audiovox	.014
Bell & Howell	.043
Beaumark	.013
Broksonic	.012, 025, 031, 064, 085
Calix	.014
Candle	.009, 013, 014, 015, 016, 017, 019
Cannon	.021, 060, 114, 115
Capehart	.104, 110
Carver	.062
CCE	.027, 061
Citizen	.009, 013, 014, 015, 016, 017, 019, 027
Colortyme	.009
Colt	.061
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Helpline

If you need additional setup assistance, please call the Helpline at 1-800-420-7968.

Limited 90-Day Warranty

THOMSON 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 paid to the Product Exchange Center, 11721 Alameda Ave., Socorro, TX 79927 for prompt, no-charge replacement with a current equivalent. This replacement is THOMSON INC.'s sole obligation under this warranty. THOMSON 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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THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturers instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in Sub-Parts B and C of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- Reorient the antenna of the radio/TV experiencing the interference.
- Relocate the equipment with respect to the radio/TV.
- Move the equipment away from the radio/TV.
- Plug the equipment into an outlet on a different electrical circuit from the radio/TV experiencing the interference.
- If necessary, consult your local dealer for additional suggestions.

NOTE: **Modifications to this product will void the user's authority to operate this equipment.**

