



RM24945
Set



Universal Remote Instruction Manual



K24945
Locator
Keyfob

R24945 Remote



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Congratulations on your purchase of this 6 function FIND IT™ Universal Remote Control. This remote is one of the most easy to use remote controls available today. Now juggling multiple remote controls is a thing of the past! Your Universal Remote controls up to six devices, including the most popular brands of TV, VCR, DVD, CBL, and SAT. It is easy to use, easy to program, and it gives you total control—at the touch of your fingertips! And, when used with the Locator Keyfob you can easily find your misplaced Remote or any item attached to the Keyfob.

Note: Some functions from your original Remote may not be controlled by this remote. Use the original remote, if available, to control such functions. Sometimes buttons other than described in these instructions may actually perform the function. For example, the CHAN and VOL buttons might be used to navigate through menu choices. We recommend you experiment with the remote to identify if such situations pertain to your equipment.

Setup

Battery Installation for Remote Control

1. On the back of the remote, push down on the tab and lift the cover off.
2. Match the batteries to the + and - marks inside the battery case, then insert 2 AAA Alkaline batteries (not included).
3. Press the battery cover back into place.

Battery Saver

Your remote automatically turns off if the buttons are depressed more than 30 seconds. This will save your batteries should your remote get stuck in a place where the buttons remain depressed (e.g., between the sofa cushions).

Code Saver

You will have up to 10 minutes to change the batteries in your remote without losing codes you have programmed. However, do not press any buttons until batteries are installed in the remote. If buttons are pressed without batteries in the remote, all codes will be lost.

Code Setup



The **CODE SEARCH** button is used to set up the remote. You can either set up the remote using the code tables (on separate sheet), or you can search through the library of codes until you find a code that works for your product. Please refer to "Code Search" on page 10 for more information on using the code search feature to learn how to search through the library of codes for your products.

NOTE: You can store any kind of code under any mode (except TV). I.E. you can store a VCR code under the **CBL** button, or a Cable code under the **DVD** button, etc. However, you can only store TV codes under the **TV** button.



Button Functions

Some buttons on the remote might have functions that are referred to by different names on the device you are controlling. E.G. **PREV.CH** may be called **RECALL**, or **CLEAR** may be called **EXIT**. These differences depend on the brand and model of your product. Also, this remote can only operate features that exist on your product. E.G., your product must have previous channel ability for the **PREV.CH** button to operate this feature.

GUIDE displays satellite or cable on-screen program guide.

TV, VCR, etc. Selects product to be operated.

Red Indicator Lights when any button is pressed.

MENU-PROG

Brings up the main menu. If you are ready in the menu system, press **SELECT** to select a highlighted choice. Use the arrow buttons to move through the menu selections.

MUTE Turns off the TV sound while the picture remains.

VOLUME UP/DOWN

Changes the volume level of the product, normally the TV.

CODE SEARCH For setup.

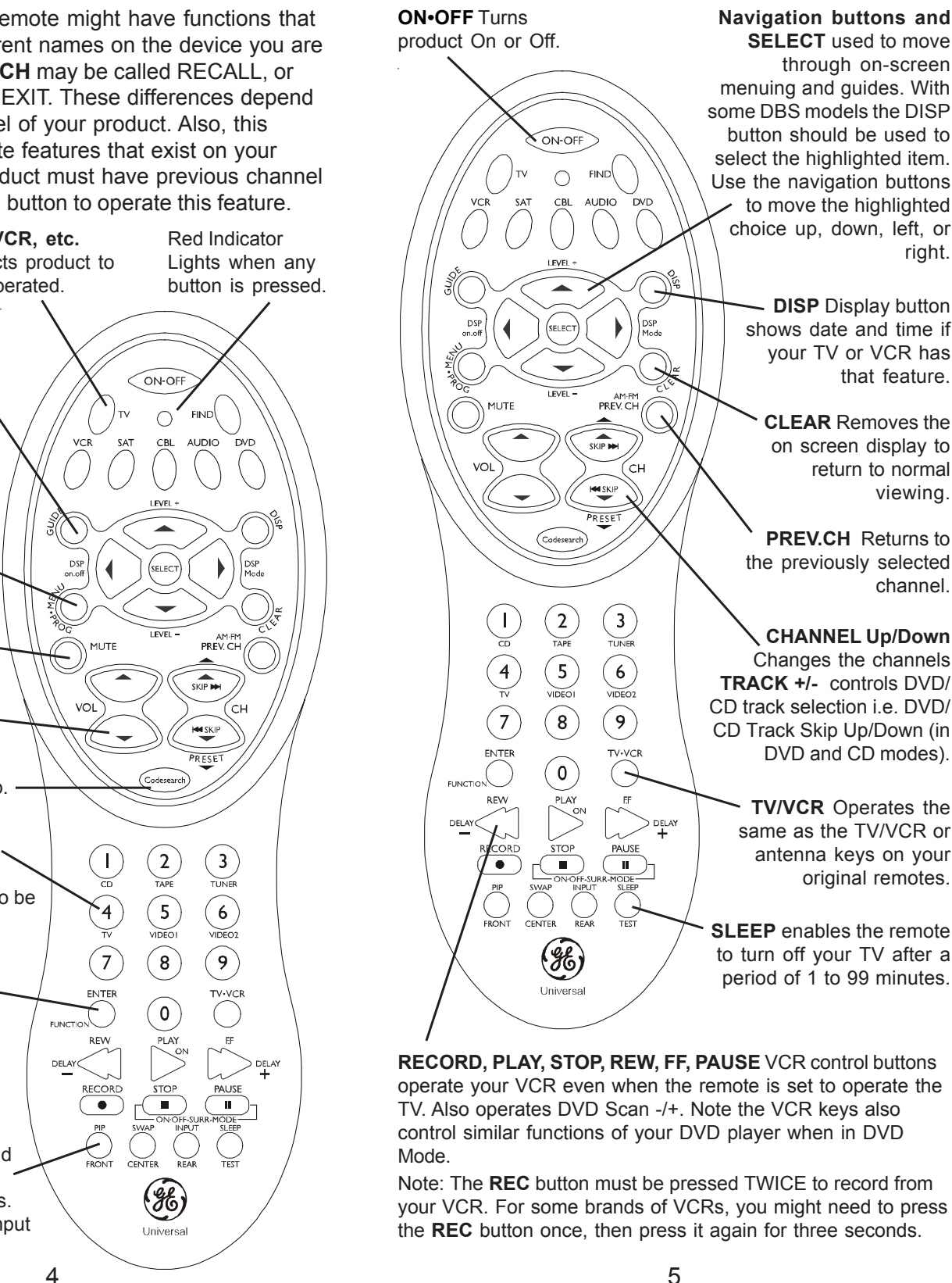
0-9

Enter numbers for direct channel selection. Some products require **ENTER** to be pressed after channel selection.

ENTER For some TV models, used after direct channel number entry to immediately change to the selected channel.

PIP, SWAP, INPUT. PIP and SWAP operate your TV's Picture-in-Picture features. INPUT selects the video input of your TV.

4



Button Functions, cont.

5



Audio Button Descriptions

Press the AUDIO device button to enable the AUDIO MODE. Audio functions are indicated by the blue button descriptions.

LEVEL+/LEVEL- Sets the level of the speakers during test tone mode.

DSP ON•OFF Enables the receiver's Digital Sound Processing mode.

DSP MODE When the DSP mode is enabled, pressing this button lets you toggle through the various DSP modes.

CD, TAPE, TUNER, TV, VIDEO Used to directly select the device you want to control. (Works in AUDIO mode).

AM/FM Lets you select the AM/FM band on your audio receiver.

FUNCTION Toggles the different audio input devices. The number buttons also select the function labels below the buttons when in AUDIO mode.

DELAY-, ON, DELAY+ Increases or decreases the delay between the surround and main speakers when the receiver is in surround sound mode.

ON•OFF, SURR. MODE Toggles the surround modes on and off. SURR MODE toggles through the receiver's various surround sound mode settings.

FRONT, CENTER, REAR, TEST Adjusts the levels of the front, center, and rear speakers respectively. The test tone must be enabled first by pressing the TEST button.

PRESET Used to operate preset channels while in the AUDIO mode.

Operating Audio Functions

Note: Not all functions work for all brands.

Turning on the Receiver or Mini-System

Point the remote control at the receiver and press the AUDIO button. The receiver should turn on. In some cases you might need to press the AUDIO button and then the ON•OFF button to turn the system on.

Selecting a device Input

Device inputs such as CD Player or Tape Deck may be selected depending on the features of your receiver or mini-system. Input selection may be made either by pressing the labeled number function, or by pressing the FUNCTION button to toggle through the inputs available on your system.

Audio Functions, cont.

Using the number buttons to change audio inputs

To select a device, press the number button (1-6) that corresponds to the device you want to operate (CD, TAPE, TUNER, TV, or VIDEO).

Using the function buttons to change audio devices

To select a device, press the FUNCTION button until the input you want to operate appears on your system.

Operating a CD player or Tape Deck

Use the Play, Forward, Reverse, Record, Stop, and Pause buttons for CD Players and Tape Decks. In some case the Preset buttons (CHAN+/CHAN-) may change tracks on CD Players.

AM/FM Tuner Functions

1. Press the AUDIO button.
2. Press the TUNER (3) button.
3. Press the AM/FM button to toggle between AM and FM.
4. Use the preset (CHAN+ or CHAN- buttons to move up and down channel presets.

Home Theater Systems

With GE receivers, a second press of the TV button turns the receiver on.

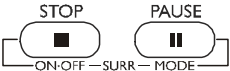
1. Turn the TV on.
2. Press the AUDIO button.
3. Select the audio input either by using the labeled number buttons, or the FUNCTION button.
4. Press the VOL+ or VOL- buttons to control volume.

NOTE: The volume buttons may operate both the TV and the receiver volume at the same time. If this presents a problem, it may be resolved by disabling the TV speakers by going into the TV menu.



Surround Sound Feature

The surround sound feature may be turned ON/OFF by pressing the **SURR ON•OFF** button.

1. Press the SURR MODE button until the desired mode is found. 

2. Press DELAY+ or DELAY- to achieve the desired delay affect.



3. Press the DSP ON•OFF button to turn DSP (Digital Sound Processor) ON or OFF.



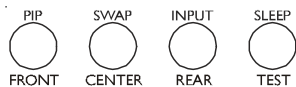
4. Press the DSP mode button until the desired effect is achieved.



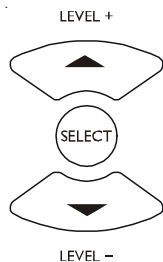
5. Press the TEST button to listen to speaker levels.



6. Press FRONT, CENTER, or REAR buttons to select speakers.



7. Press the LEVEL+ or LEVEL- buttons to adjust speaker levels.



Direct Code Entry

1. Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button. 

2. Press and release the desired device button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit. 

3. Enter the 3 digit code from the code tables (on separate sheet).
Note: after a valid code entry, the red indicator turns off. For an invalid code, the red indicator flashes.



4. With your device on, press **ON•OFF**. If the device turns off, no further programming is required.
Note: If some buttons do not operate your equipment, try one of the other codes for your brand.



Write your codes down here for easy reference later.

Type	Type stored	Code
TV	TV	
VCR		
SAT		
CBL		
AUDIO		
DVD		



Code Search

If your device does not respond after you have tried all the codes for your brand, or if your brand is not listed, try searching for your code by following these steps.

1. Manually turn on the device (**TV**, **VCR**, etc.) to be controlled.
2. Press and hold the **CODE SEARCH** button until the red indicator stays on, then release the **CODE SEARCH** button. 
3. Press and quickly release the desired device button (**TV**, **VCR**, etc.). The red indicator blinks off once. 
4. Press the **ON•OFF** button repeatedly (up to 300 times) until the device to be controlled turns off. The red indicator blinks off with each button press. 
5. Press and release **ENTER** to install the code. 

Most users will store VCR codes under the **VCR** button, Cable codes under **CABLE**, etc. If (for example) you want to store a VCR code under **CABLE**, first follow the procedure for Direct Code Entry (previous page) and press **CABLE** in step 2 of Direct Code Entry, then enter ANY VCR code in step 3 of Direct Code Entry. Then follow the steps above for Code Search.

Note: Code Search starts from the currently stored three digit number under that mode. Sometimes the first code that “works” with your device may only allow limited functionality (e.g. the MENU button might not work). There may be a code that performs more functions. Continue the code search process until the best code is found.

Using Your Remote

Code Identification

The Code Identification Feature allows you to identify the three digit library code stored under your device button. For example, if you want to find out what three digit code is stored under your TV device button, follow the six steps below:

1. Press and hold the **CODE SEARCH** button until the red indicator stays on. Release the **CODE SEARCH** button. 
2. Press and release the desired device button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit. 
3. Press and release the **CODE SEARCH** button. The red indicator blinks once and remains lit. 
4. To find the first digit for the code stored under the device button pressed in step 2, press each numeric button from **0-9** in turn. The number that causes the indicator light to blink is the first digit in your code.

 CD	 TAPE	 TUNER
 TV	 VIDEO1	 VIDEO2
 	 	
 		
5. To find the second digit, repeat step 4.
6. Repeat step 4 again to find the third digit. This time the red indicator turns off and stays off.



Using Your Remote, cont.

Sleep Function

The Sleep button enables the remote to turn off your TV after a period of 1 to 99 minutes as shown below. The remote must be in TV mode to set a Sleep Timer. This feature works even if your TV does not have a sleep feature.

1. Press and release the TV device button. 
2. Press and hold the Sleep button until the LED remains lit (about 2-3 seconds). 
3. Release the Sleep button.
4. Press and release the numeric buttons (01-99) for the time required. The LED will blink off to indicate button press acceptance.

1 CD	2 TAPE	3 TUNER
4 TV	5 VIDEO1	6 VIDEO2
7	8	9
0		
5. TV Sleep Timer is set.
6. **Leave the Remote pointing towards the TV with an unobstructed path.**

To cancel the Sleep Timer, press and hold the Sleep button until the LED blinks, or press and release the Power button in TV mode.

Using Your Remote, cont.

Controlling Devices with Separate Power On and Off Buttons

Some GE, RCA and ProScan models require you to press the device button for more than one second to turn the device on and the ON•OFF button to turn the device off.

Controlling Combo Devices

Some Combo devices (e.g. TV/VCR, TV/DVD, DVD/VCR, etc.) will require you to set up two different Mode buttons to control both parts of the Combo device. For example, if you have a TV/DVD Combo, you might need to set up one code under the **TV** button to control the TV part AND a separate code (under any other Mode button) to control the DVD part.

VCR/DVD Punch-Through

This remote allows the 6 VCR transport buttons (i.e. **PLAY**, **PAUSE**, **STOP**, **FF**, **REWIND**, and **REC**) to Punch-Through control from any Mode programmed with TV, SAT or Cable codes to the last **VCR**, or **DVD** programmed Mode you used. This feature will not operate if the programmed TV, SAT or Cable code has its own VCR transport button control e.g. a TV Combo, SAT/PVR, etc.



Using Your Remote, cont.

Volume/Mute Control and Punch-Through

This remote lets you select which device Mode controls your Volume/Mute buttons. The remote is initially set for all device Modes to use their own Volume/Mute control if present. If the programmed code has no Volume/Mute operation of its own then those buttons will punch-through control to the **TV** Mode device without needing to change to **TV** Mode.

Any Mode chosen for Volume/Mute control MUST have its own Volume/Mute function or the Volume/Mute buttons will do nothing.

Setting ALL Volume/Mute Control to any one Mode

This routine can set all Modes to “punch-through” to any one chosen Mode for Volume/Mute button control without the needing to change to that Mode.

1. Press and hold the **CODE SEARCH** button until the red indicator turns on, then release the button. 
2. Press and hold the **MUTE** button until the red indicator blinks off, then release the button. 
3. Press and release the desired Mode button (**TV**, **VCR**, etc.) for Volume/Mute control, the red indicator blinks then stays on. 
4. Press and release the **MUTE** button and the red indicator turns off. The red indicator will blink rapidly for three seconds if the Mode you have selected has no Volume/Mute control. 

All other Modes will now punch-through to your chosen Mode for Volume/Mute control.

Using Your Remote, cont.

Setting any Mode to use its own Volume/Mute Control

This routine can set any Mode to use only its own Volume/Mute control. Note - If your chosen Mode has no Volume/Mute functions of its own then the Volume/Mute buttons will do nothing.

1. Press and hold the **CODE SEARCH** button until the red indicator turns on, then release the button. 
2. Press and hold the **MUTE** button until the red indicator blinks off, then release the button. 
3. Press and release the desired Mode button (**TV**, **VCR**, etc.), the red indicator blinks then stays on. 
4. Press and release the **VOLUME-** (Down) button, the red indicator blinks then stays on. 
5. Press and release the **MUTE** button and the red indicator turns off. 

Your chosen Mode will now use its own Volume/Mute control.

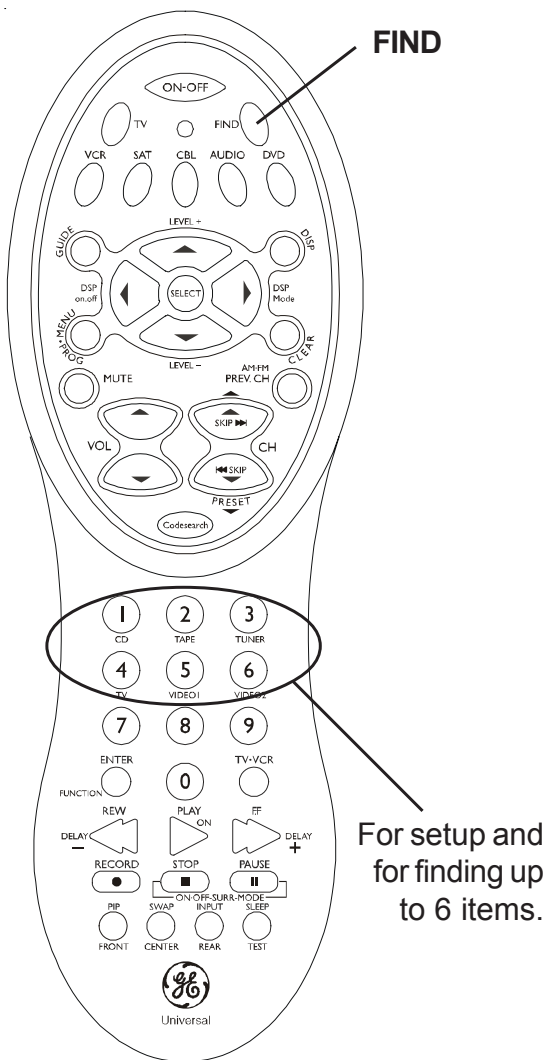


Using the FIND IT Locator Functions

You can use the FIND IT remote to find the Keyfob, whether it has keys attached, or if it's attached to something else. Or you can use the Keyfob to find your misplaced Remote. The Keyfob and the Remote are a "set" and need to be programmed to find each other. Here are the simple steps.

1. Insert the Batteries in the Remote

Insert 2 AAA alkaline batteries in the battery compartment on the back of the Remote. Observe the + and – notations.



FIND IT Locator Functions, cont.

2. Set the ITEM # for the Remote

NOTE: The remote is automatically set as #1. This means to find the lost Remote, just press #1 on the Keyfob and the Remote should start beeping. Wait about 20 seconds after inserting the batteries before testing it. Should the Remote not automatically default to #1 or if you wish to change the Remote to Item #2, 3, 4, 5, or 6, then follow the steps below.

To change the setting:

- Press and **hold** the FIND button, and then press and **release** the #1 button on the Remote. The Remote beeps and the LED continues to blink.
- While **holding** the FIND button, press the #1, 2, 3, 4, 5, or 6 on the Remote's keypad (whatever number you wish to assign to the Remote) and release both buttons. The LED blinks and the Remote beeps the number of times corresponding to the number you pressed on the Remote. The Remote is now assigned as that number.
- Test it by pressing (on the Keyfob) the number that you just set the Remote to. For example, if you pressed the #6 in step "b" above then press #6 on the Keyfob. The Remote should start beeping.

Notes:

A Keyfob or a Remote cannot find a Remote or a Keyfob that is set to the same code as itself.

After setting the ITEM #, wait about 20 seconds before testing the FIND IT Remote.

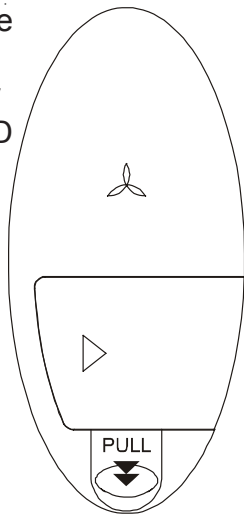
Removing the batteries will cause your Remote to lose its setting (it will revert to ITEM # 1). If you want to change its settings, you will need to reprogram it using the steps above.



FIND IT Locator Functions, cont.

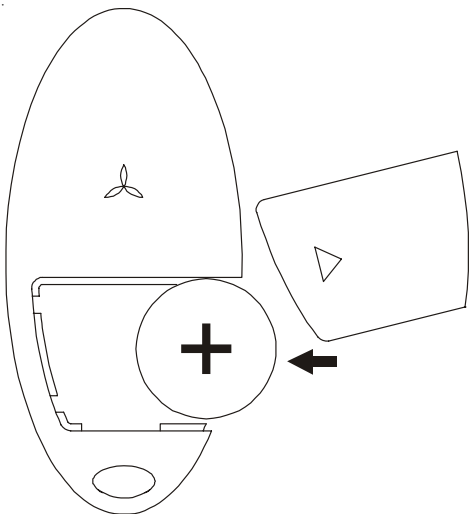
3. Set the ITEM # for the Keyfob

- a. Remove the plastic tab from the battery compartment. The Keyfob beeps and immediately goes into setup mode. The LED blinks continuously to indicate that the Keyfob is ready to be set up. To enter the setup mode at any other time, press and hold the 1 and 3 buttons simultaneously for about 3 seconds. A warble beep is emitted and the LED flashes continuously.



To Replace the Battery:

- Open the battery compartment on the back.
- Insert the battery with the “+” (positive) side up.
- Close the battery compartment.



The Keyfob beeps and immediately goes into setup mode. The LED flashes continuously to indicate that the Keyfob is ready to be set up. Please see Setting the ITEM # on the next page.

FIND IT Locator Functions, cont.

To set the ITEM # for the Keyfob:

- b. Enter setup mode as on the previous page (LED flashing continuously).
c. Press a button (1 thru 6) to program the ITEM #.

The Keyfob beeps the number of times corresponding to the ITEM #.

Important, if you used the default code of #1 for your Remote's item #, then you will need to set your Keyfobs to something other than #1, i.e. 2 thru 6.

If you purchase additional keyfobs then simply follow the steps above to set them up.

Using the FIND IT Remote to Find Misplaced Items

To find an object with a missing FIND IT Locator Keyfob attached, simply press FIND on your FIND IT Remote, the Remote warbles and the LED lights up, release FIND, then press the # key (1 thru 6) corresponding to the missing unit.

If the object is in range, the FIND IT Locator Keyfob on the missing object will begin to flash and beep. You can use any Keyfob or Remote to locate any other Keyfob or Remote.

The maximum distance the lost item can be from the Remote is about 30 ft. Therefore, it may be necessary to walk to various points in your home in order for it to function.



FIND IT Locator Functions, cont.

Using a FIND IT Keyfob to find a misplaced FIND IT Remote

To find a misplaced FIND IT Remote, simply press the button on one of your FIND IT Keyfobs corresponding to the item # you set your FIND IT Remote to (1 thru 6). If the Remote is in range, it will begin to flash its LED and beep.

The maximum distance the lost Remote can be from the Keyfob is about 30 ft. Therefore, it may be necessary to walk to various points in your home in order for it to function.

Occasionally it may be necessary to press the number on the Keyfob more than once even when the Remote is within range due to interference or other factors.

Checking Your Setup

To verify the ITEM # of a Remote:

Press and **hold** the FIND button on the Remote, then press and release button # 2, then release the FIND button. The LED flashes and beeps to indicate the ITEM #. For example, if the Remote you are checking is defined as ITEM # 4, you would hear 4 beeps.

To verify the ITEM # of a Keyfob:

Press and **hold** the 5 and 6 buttons on the Keyfob simultaneously, until the LED lights up, then release. The LED flashes and beeps to indicate the ITEM #. For example, if the Keyfob you are checking is defined as ITEM # 5, you would hear 5 beeps.

Troubleshooting

If the Remote does not operate your device, TV, VCR, Cable Box, etc.

- Press the device button of the product you want to control.
- Program the remote with a new code.
- Install new batteries. (You might have to reprogram your remote after installing new batteries.)
- Remote may not be compatible with your product.

If the Remote does not operate some features of your device.

- Sometimes a particular code might operate some features but not all. Try programming remote with a new code.
- Remote may not be able to operate all features of your product or button names might be different than your product.

If the Red Indicator blinks after you program a product code.

- Remote did not accept the code.
- Try to program the code again or try a different code.

Tips on using the FIND IT feature

For best results, hold the Remote with the LED pointing away from you. Walk around while trying to find the item you're looking for while repeatedly pressing the appropriate button on the Remote.

Reduce or eliminate noises so you can hear the beeping unit you are looking for.

Keep the Remote away from large metal objects and other radios sources that might reduce its range, as do weak batteries also.



90 Day Limited Warranty

Jasco Products Company warrants this product to be free from manufacturing defects for a period of ninety days from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this unit. This warranty is in lieu of all other warranties express or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state. If unit should prove defective within the warranty period, return prepaid with dated proof of purchase to:

Jasco Products Company
311 N.W. 122nd
Oklahoma City, OK 73114

Lost Your Codes?

Enclosed with this remote is a sticker on which you should write the codes for each device you programmed. Apply the sticker to the back of the remote or somewhere convenient for future reference.

Also on the sticker is our website address which, should you lose your codes or programming instructions, you can find available on our website: www.jascoproducts.com

FCC Statement

The FCC wants you to know

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions: 1. This device may not cause harmful interference; 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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.



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Jasco Products Company
311 N.W. 122nd
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Made in China

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