



# Universal Remote Instruction Manual



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Congratulations on your purchase of the RM24948 Universal Remote Control. The RM24948 is one of the most easy to use remote controls available today. With the RM24948, juggling multiple remote controls is a thing of the past! Your RM24948 controls up to three devices, including the most popular brands of TV, VCR, DVD, CBL, and SAT. The RM24948 is easy to use, easy to program, and it gives you total control—at the touch of your fingertips!

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. We recommend you experiment with the remote to identify if such situations pertain to your equipment.

## Setup

### Battery Installation

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.
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.

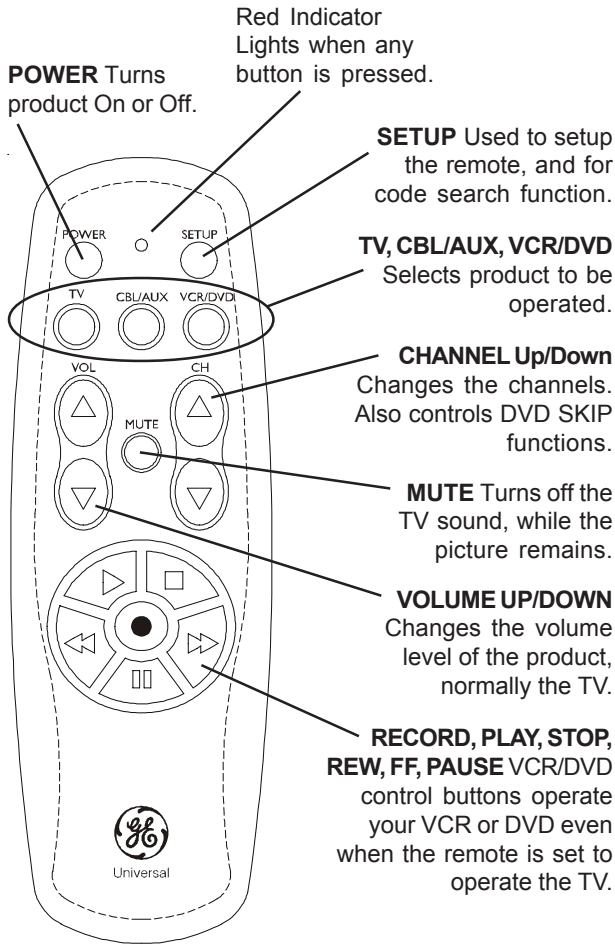
### Code Setup



The **SETUP** button is used to setup the remote. You can either setup 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 6 for more information on using the code search feature to learn how to search through the library of codes for your products.



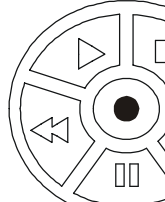
NOTE: You can store any kind of code under any mode (except TV). I.E. you can store a VCR code under the **CBL/AUX** button, or a Cable code under the **VCR/DVD** button, etc. However, you can only store TV codes under the **TV** button.


## Button Functions





Note: The **REC** button must be pressed TWICE to record from your VCR. For some brands of VCRs, you might need to press the **REC** button once, then press it again for three seconds.

## Code Entry using the Code List

1. Press and hold the **SETUP** button until the red indicator stays on, then release the **SETUP** button. 
2. Press and release the desired device button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit. 
3. Enter the 4 digit code for your brand of TV, VCR, etc., from the Library Code Table by using the Rewind, Play, and Fast Forward buttons. 

Use the **REW** button to enter the first digit. 

Use the **Play** button to enter second digit. 

Use the **FF** button to enter the third digit. 

For Example: To enter code 013, don't press **REW**, press **Play** once, and **FF** three times. The red LED blinks off with each keypress.





4. Press the **Stop** button to save the code. 

Note: for a valid code, the red LED turns off. For an invalid code, the red LED blinks rapidly for three seconds before going off.

5. With your device on, press **POWER**. 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.

## Setting up using Code Search

If you cannot find a 4 digit code in the Code Table that operates your TV, try searching for the code as follows:

1. Manually turn on the device (**TV**, **VCR**, etc.) to be controlled.
2. Press and hold the **SETUP** button until the red indicator stays on, then release the **SETUP** button. 
3. Press and quickly release the desired device button (**TV**, **VCR**, etc.). The red indicator blinks off once. 
4. Press the **POWER** 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 **STOP** to install the code. 







Write your codes down here for easy reference later.

| Device  | Device stored | Code |
|---------|---------------|------|
|         |               |      |
| TV      | TV            |      |
| CBL/AUX |               |      |
| VCR/DVD |               |      |

## Using Your Remote

### Code Retrieval

Code Retrieval lets you identify the four digit library code stored under your device button. For example, if you want to find out what four digit code is stored under your TV device button, follow the six steps below:

1. Press and hold the **SETUP** button until the red indicator stays on, then release the **SETUP** button. 
2. Press and release the desired device button (**TV**, **VCR**, etc.). The red indicator blinks, then stays lit. 
3. Press and release the **SETUP** 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 REW and count the number of blinks. 
5. To find the second digit, press Play and count the number of blinks. 
6. To find the third digit, press FF and count the number of blinks. 

## 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 **POWER** 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.

### 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.**

## Using Your Remote, cont.

### 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 **SETUP** until the red indicator turns on, then release **SETUP**. 
2. Press and hold **MUTE** until the red indicator blinks off, then release **MUTE**. 
3. Press and release the desired Mode button (**TV**, **VCR**) for Volume/Mute control, the red indicator blinks then stays on. 
4. Press and release **MUTE** 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.

### Returning Volume/Mute Control to Initial Default Settings

This routine returns Volume/Mute control to its default (factory) settings i.e. all device Modes use their own Volume/Mute control if present or else they will punch-through control to the TV Mode device.

1. Press and hold **SETUP** until the red indicator turns on, then release **SETUP**. 
2. Press and hold **MUTE** until the red indicator blinks off, then release **MUTE**. 
3. Press and release **MUTE** and the red indicator turns off. Volume/Mute control is returned to its default (factory) settings. 

## Troubleshooting

### **Remote does not operate your product.**

- 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.

### **Remote does not operate some features of your product.**

- 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.

### **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.

### **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](http://www.jascoproducts.com)

## 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

RM24948



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Oklahoma City, OK 73114

Made in China

RM24948-03/05