



Universal Remote Instruction Manual



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Congratulations on your purchase of the 24912 Universal Remote Control. The 24912 is one of the most easy to use remote controls available today. With the 24912, juggling multiple remote controls is a thing of the past! Your 24912 controls up to three devices, including the most popular brands of TV, DVD, DVR, CBL, and SAT. The 24912 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. 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

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 7 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 DVR code under the **CBL/SAT** button, or a Cable code under the **DVD/DVR** 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 **ENTER** may be called **DISPLAY**. 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 **PREV.CH** ability for the **PREV.CH** button to operate this feature.

TV, CBL/SAT, DVD/DVR selects product to be operated.

Red Indicator Lights when any button is pressed.

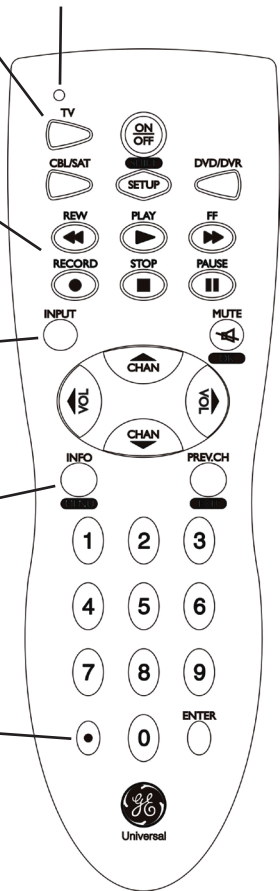
RECORD, PLAY, STOP, REW, FF, PAUSE
DVR control buttons operate your DVR even when the remote is set to operate the TV. Also operates DVD Scan -/+.
Note the DVR buttons also control DVD when in DVD Mode.

INPUT for some TVs, press repeatedly to select from available viewing sources (antenna, cable box, DVR, etc.).

INFO button brings up DVD Display or Control Menu for Chapter/Track/Title number, Time remaining/elapsed, system information, etc. Also displays on-screen channel information.

MENU Press and release **SHIFT/SETUP** then **MENU/INFO** to display the Menu on the TV. See "Using **SHIFT** for Menu and Navigation" description on Page 9 for more information.

DOT: Used to select digital channels, e.g., 2.3.



Button Functions, cont.

ON-OFF Turns product On or Off.

SETUP Used to setup the remote, and for code search function.

SHIFT Press and release to access buttons labeled in reverse print (OK, MENU, EXIT). See "Using **SHIFT** for Menu and Navigation" description on Page 9 for more information.

MUTE Turns off the TV sound while the picture remains.

OK Selects menu items for the device you are controlling.

VOLUME UP/DOWN changes the volume level of the product, normally the TV.

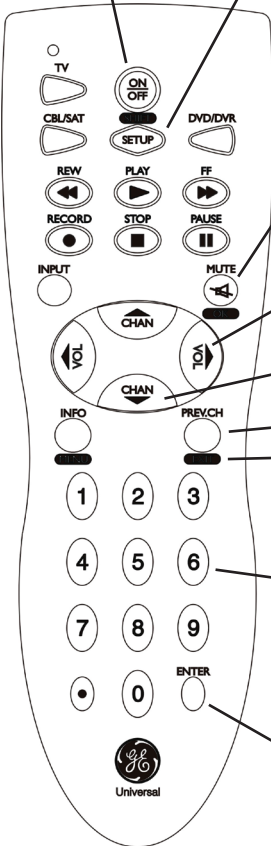
CHANNEL Up/Down changes the channels.

PREV.CH returns to the previously selected channel.

EXIT Exits On-Screen Menus and/or Returns to previous On-Screen selection.

NUMBERS 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.



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

Direct Code Entry

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**, **DVR**, etc.). The red indicator blinks, then stays lit.
3. Enter the 4-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.

Device	Device stored	Code
TV	TV	
DVD/DVR		
CBL/SAT		

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**, **DVR**, 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**, **DVR**, 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.



TV



ENTER



Most users will store DVR codes under the **DVR** button, Cable codes under **CABLE**, etc. If (for example) you want to store a DVR 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 DVR code in step 3 of Direct Code Entry. Then follow the steps above for Code Search.

Note: Code Search starts from the currently stored 4-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 4-digit library code stored under your device button. For example, if you want to find out what 4-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. Release the **SETUP** button.
2. Press and release the desired device button (TV, **DVR**, 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 each numeric button from **0-9** in turn. The number that causes the indicator light to blink is the first digit in your code.
5. To find the second digit, repeat step 4, this time when the red indicator blinks off this is the second digit.
6. Repeat step 4 to find the third and fourth digits.



TV



Using Your Remote, cont.

Using SHIFT for Menu and Navigation

The **SHIFT** button allows access to more than one function for certain buttons.

Use the **SHIFT/SETUP** button prior to accessing the **MENU**, **OK**, **EXIT** and Navigation functions, for example:



For **MENU**, press and release **SHIFT/SETUP** then **MENU/INFO**.

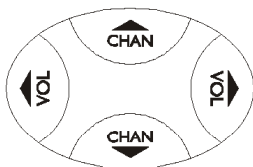


For **OK**, press and release **SHIFT/SETUP** then **OK/MUTE**.



For **EXIT**, press and release **SHIFT/SETUP** then **PREV.CH/EXIT**.

For Up, Down, Left or Right Navigation, press and release **SHIFT/SETUP** followed by the respective Channel or Volume button.



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/DVR, TV/DVD, DVR/DVD, 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.

DVR/DVD Punch-Through

This remote allows the 6 DVR 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 **DVR**, or **DVD** programmed Mode you used. This feature will not operate if the programmed TV, SAT or Cable code has its own DVR transport button control, e.g., a TV Combo, DVR/SAT, 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 the **SETUP** 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**, **DVR**, 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.

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 **SETUP** 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**, **DVR**, 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.

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.

If you lose your codes or programming instructions, you can find them available on our website: 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
10 E. Memorial Road
Oklahoma City, OK 73114-2205

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