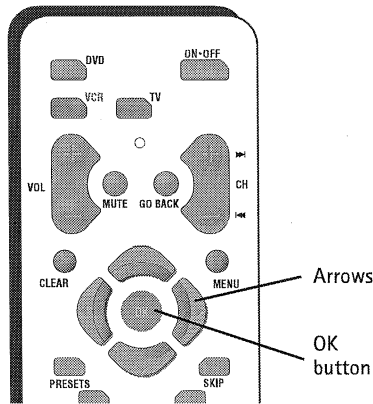


Connections & Setup



How to Use the Remote Control to Complete the Initial Setup

The technical term is "Navigation"—how you move through the on-screen menus. The method is the same throughout the menu screens: highlight your choice and select it.

To highlight a menu item, press the arrow buttons on the remote to highlight one of the items listed on the screen. Use the up or down arrow button to move up or down. Use the right or left arrow button to move right or left.

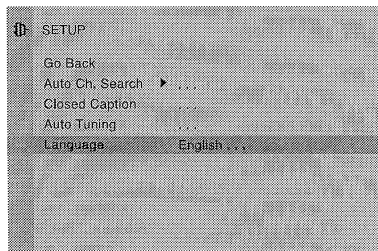
To select the item that you've highlighted, press OK.

Note: Highlighted means that the menu item stands out from other menu items on the list (appears darker, brighter, or a different color).

Turn on the TV

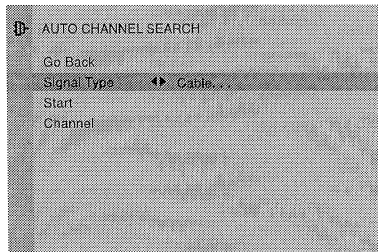
Press TV on the remote, or press POWER on the TV's front panel.

Note: Pressing the TV button not only turns on the TV, but puts the remote into TV mode. "TV mode" means that the buttons on the remote control operate the TV's functions.



Complete the Initial Setup

The menu system in your TV allows the TV's features to work properly. The first time you turn on your TV, the *SETUP* screen appears with *Language* highlighted. The default language is *English*. To choose another language, press the right arrow button on the remote.



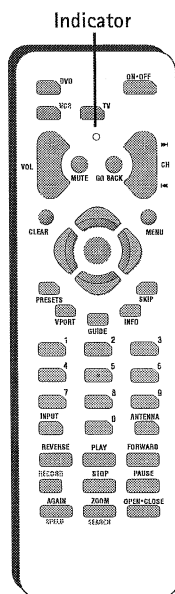
Complete Auto Channel Search

This part of the setup allows the TV to search for all channels viewable through your antenna or cable TV system. This is sometimes called auto programming.

1. Highlight *Auto Ch. Search* and press OK.
2. The *Signal Type* option is set to *Cable*. To change the option to *Antenna*, press the right arrow button and then press OK.
3. Press the down arrow button to highlight *Start*. Press OK to begin the auto channel search.

Once the search is complete, you can begin watching TV. For information on customizing your channels or menu options, go to Chapter 4.

Chapter 2: Using the Remote Control



Button Descriptions for TV Mode

Arrows Used to highlight different items in the TV menu and to adjust the menu controls.

Indicator Indicates the programming mode when programming the remote to control components. Lights when you press a valid button on the remote. Flickers when a button is pressed and the batteries are low.

(0-9) Number Buttons Enter channel numbers and time settings directly through the remote control.

To enter a one-digit channel, enter a zero first. To enter a two-digit channel, press the two digits and expect a few seconds delay. This is if you want to enter a third digit.

CH + or CH - Scans up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

CLEAR Removes any menu or display from the screen and returns you to normal viewing.

GO BACK Returns you to the previous channel.

INFO Brings up the channel banner.

INPUT Toggles through the available input sources (*VID1/SVID1*, *VID2/CVID2*, *FRNT*, *VPORT* and current channel).

MENU Brings up the Main menu.

MUTE Reduces the TV's volume to its minimum level. Press again to restore the volume.

OK When in the menu system, selects highlighted items.

ON•OFF When in TV mode, turns the TV on and off. If in another mode (VCR, DVD, etc.) and programmed, will turn the component on and off.

PRESETS Picture options are reset to original factory settings.

SKIP Press once before changing channels and the TV will wait 30 seconds before returning to the original channel. Press repeatedly to add more time.

TV Turns on the TV and puts the remote in TV mode. Also displays current status.

VOL - or VOL + Decreases or increases the TV's volume.

VPORT Tunes the TV to the VPORT input channel. You can program this button to control a VCR or DVD player. When programmed, changes the mode of the remote when the button is pressed. To restore the VPORT button to factory default mode (unprogrammed), press and hold VPORT, then press 1, 0, 0, and 0.

Button Descriptions for DVD and VCR Modes

AGAIN In DVD mode, replays the last several seconds of the title you're playing.

ANTENNA In VCR mode, functions as a TV/VCR button.

DVD Puts the remote in DVD mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

GUIDE If you're operating another component that has a guide, this button accesses the on-screen Guide.

Using the Remote Control

OPEN•CLOSE In DVD mode, opens or closes the DVD disc tray.

REVERSE, PLAY, FORWARD, RECORD, STOP, PAUSE If programmed, provides transport control for some remote-controllable VCRs or DVD players.

SEARCH In VCR mode, accesses Index Search feature.

SPEED In VCR mode, selects a recording speed.

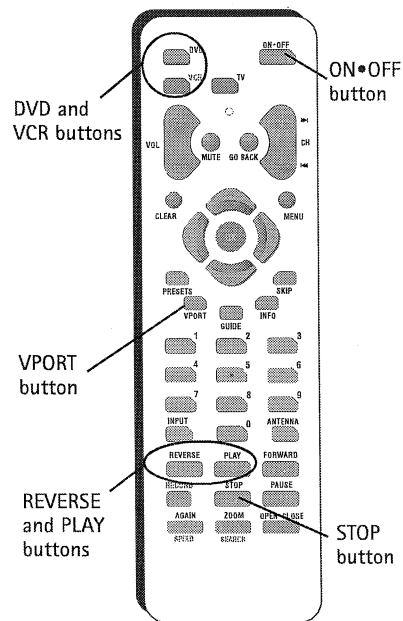
VCR Puts the remote in VCR mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

ZOOM In DVD mode, zooms in on the picture.

Using the INPUT Button

Use the INPUT button to scroll through the available video input channels and view components you have connected to the TV.

1. Make sure the component you want to view is turned ON.
2. Press INPUT to tune to an available video input source and view the component.
3. To return to the previous channel, continue pressing INPUT.



You'll use these buttons when programming the remote.

Programming the Remote to Operate Other Components

The universal remote can be programmed to operate most brands of remote controllable components. The remote is already programmed to operate most RCA, GE, and Proscan components.

Notes: The TV button can't be programmed on this remote.

The remote may not be compatible with all brands and models of components. It also may not operate all functions of the remote that came with your component.

Find Out If You Need to Program the Remote

To determine whether the universal remote needs to be programmed for your component, turn the component ON. For example, to program the remote for a VCR, turn on the VCR. Point the remote at the VCR, and press the VCR button. Then press ON•OFF or CH + (channel up) or CH - (channel down) to see if the VCR responds to the remote commands. If the component does not respond, the remote needs to be programmed.

Programming the Remote

There are two ways to program the remote control:

- automatic code search
- direct entry

Using the Remote Control

Using Automatic Code Search

The following instructions can be used to program the remote to operate your components. If you want to stop the automatic code search without programming any of your components, press CLEAR until the indicator on the remote turns off.

1. Turn on the component you want to operate (VCR or DVD player)
2. Press and hold the component button you want to program (VCR, DVD, or VPORT). While holding the component button, press and hold ON•OFF until the indicator on the remote turns on, then release both buttons.
3. Point the remote at the component. Press and release PLAY (the indicator light on the remote flashes).

The remote is searching for the correct code to program. When the indicator stops flashing (after about 5 seconds), press PLAY again to tell the remote to search the next set of codes.

Continue pressing PLAY until the component turns off or the indicator light on the remote turns off. If the indicator light turns off, then all the codes for that particular component have been tested once. If the component does not turn off, then the remote can't be programmed to operate that component.

Note: Each time you press PLAY, the remote sends about 10 sets of codes. Therefore, you might have to press the PLAY button up to 20 times.

If the component you want to control *does* turn off:

1. Press and release REVERSE, then wait 2 seconds. Repeat this step until the component turns back ON.
2. To finish, press and hold STOP until the indicator on the remote turns off.

Using Direct Entry

1. Turn on the component to be programmed.
 2. Look up the brand and code number(s) for the component on the code list in this section.
 3. Press and hold the component button you want to program on the remote.
 4. Enter the code from the remote control code list on the following pages. If the indicator flashes, you have either entered an invalid code or the button isn't programmable.
 5. Release the component button.
 6. Point the remote at the component. Press ON•OFF to see if the component responds to the command. If it doesn't, try pressing the component button and then ON•OFF again.
- If you get no response, repeat these steps using the next code listed for your brand, until the component responds to the remote commands.
 - If you try all the codes for your component brand and none work, try the automatic code search method. If automatic code search doesn't find the code, the remote is not compatible with your component.

Using the Remote Control

How to Use the Remote After You've Programmed It

Because this universal remote can operate several different components it uses operational modes triggered by the component buttons. For example, if you want the remote to operate the TV, you would press the TV button to put the remote into TV mode before you could operate the TV.

1. Press the appropriate component button (DVD, VCR, VPORT) to set the remote to operate the component.
2. Press ON•OFF to turn the component ON or OFF.
3. Use the remote buttons that apply to that component.

Note: If you keep pressing buttons and nothing happens, the remote is probably in the wrong mode. You must press the component button that matches the component you want to operate (i.e., if you want to operate the VCR, press VCR on the remote control to put the remote in VCR mode.)

Remote Control Codes

VCR Codes

Programmable for VCR and VPORT buttons.

Admiral	2132	Funai	2026
Adventura	2026	Garrard	2026
Aiko	2027	GE	2000, 2001, 2013, 2021, 2022, 2053, 2115, 2120, 2131
Aiwa	2026	Goldstar	2009, 2014, 2018, 2054
Akai	2003, 2004, 2005, 2007, 2008, 2111, 2112, 2113	Gradiente	2026
American High	2021	Harley Davidson	2026
Asha	2013	Harman Kardon	2009
Audio Dynamics	2009, 2010	Harwood	2061
Audiovox	2014	Headquarter	2011
Bell & Howell	2011	Hitachi	2055, 2056, 2057, 2107, 2111, 2120, 2122
Beaumarck	2013	Hi-Q	2023
Broksonic	2012, 2025	Instant Replay	2021
Calix	2014	JCL	2021
Candle	2013, 2014, 2015, 2016, 2017, 2018, 2019	JC Penney	2009, 2010, 2011, 2013, 2014, 2021, 2022, 2055, 2056, 2058, 2059, 2060, 2107, 2118
Canon	2021, 2022, 2114	Jensen	2055, 2056, 2111
Capehart	2020, 2110	JVC	2009, 2010, 2011, 2018, 2111, 2123
Carver	2062	Kenwood	2009, 2010, 2011, 2016, 2018, 2111, 2123
CCE	2027, 2061	KLH	2061
Citizen	2013, 2014, 2015, 2016, 2017, 2018, 2019, 2027	Kodak	2014, 2021
Colortyme	2009	Lloyd	2026
Colt	2061	Logik	2061
Craig	2013, 2014, 2023, 2061	LXI	2014
Curtis-Mathes	2000, 2009, 2013, 2016, 2018, 2021, 2022, 2024, 2115, 2131	Magnavox	2021, 2022, 2062, 2063, 2104, 2105, 2108, 2124
Cybernex	2013	Magnin	2013
Daewoo	2015, 2017, 2019, 2025, 2026, 2027, 2028, 2110	Marantz	2009, 2010, 2011, 2016, 2018, 2021, 2062, 2064
Daytron	2110	Marta	2014
DBX	2009, 2010	Masushita	2021
Dimensia	2000, 2131	Mei	2021
Dynatech	2026	Memorex	2011, 2013, 2014, 2021, 2023, 2026, 2104, 2132
Electrohome	2014, 2029	MGA	2029, 2065, 2113
Electroponic	2014	MGN Technology	2013
Emerson	2012, 2014, 2015, 2021, 2024, 2025, 2026, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2044, 2045, 2046, 2047, 2065, 2113, 2116, 2117, 2130	Midland	2053
Fisher	2011, 2023, 2048, 2049, 2050, 2051, 2052, 2118	Minolta	2055, 2056, 2107
Fuji	2021, 2119	Mitsubishi	2029, 2055, 2056, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2106, 2113, 2123

Using the Remote Control

VCR Codes continued

Montgomery Ward	2075, 2132
Motorola	2021, 2132
MTC	2013, 2126
Multitech	2013, 2016, 2026, 2053, 2061
NEC	2009, 2010, 2011, 2016, 2018, 2064, 2076, 2078, 2079, 2111, 2123
Nikko	2014
Noblex	2013
Olympus	2021
Optimus	2014, 2132
Optonica	2096
Panasonic	2021, 2022, 2109, 2125, 2126, 2127
Pentax	2016, 2055, 2056, 2107, 2120
Pentex Research	2018
Philco	2021, 2022, 2062, 2063
Philips	2021, 2062, 2096, 2124
Pilot	2014
Pioneer	2010, 2055, 2080, 2081, 2123
Portland	2016, 2017, 2019, 2110
Proscan	2000, 2001, 2131
Protex	2061
Pulsar	2104
Quarter	2011
Quartz	2011
Quasar	2021, 2022, 2125
RCA	2000, 2001, 2003, 2013, 2021, 2055, 2056, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2107, 2115, 2120, 2125, 2131, 2133
Radioshack/Realistic	2011, 2013, 2014, 2021, 2022, 2023, 2026, 2029, 2049, 2050, 2096, 2132
Radix	2014
Randex	2014
Ricoh	2128
Runco	2104
Samsung	2005, 2013, 2015, 2033, 2053, 2112
Sanky	2104, 2132
Sansui	2010, 2092, 2111, 2123
Sanyo	2011, 2013, 2023
Scott	2012, 2015, 2025, 2032, 2038, 2065, 2093, 2116
Sears	2011, 2014, 2021, 2023, 2048, 2049, 2050, 2051, 2055, 2056, 2107, 2118
Sharp	2017, 2029, 2094, 2095, 2096, 2097, 2132
Shintom	2004, 2056, 2061, 2098
Shogun	2013
Signature	2132
Singer	2021, 2061, 2128
Sony	2004, 2098, 2099, 2119
STS	2021, 2107
Sylvania	2021, 2022, 2026, 2062, 2063, 2065, 2124
Symphonic	2026
Tandy	2011
Tashiko	2014
Tatung	2111
TEAC	2026, 2085, 2111
Technics	2021, 2109
Teknika	2014, 2021, 2026, 2100, 2129
TMK	2013, 2024, 2047
Toshiba	2015, 2049, 2051, 2055, 2065, 2093, 2116
Totevision	2013, 2014
Unitech	2013
Vector Research	2009, 2010, 2015, 2016
Victor	2010
Video Concepts	2009, 2010, 2015, 2016, 2113
Videosonic	2013

Wards	2013, 2014, 2015, 2021, 2023, 2026, 2029, 2055, 2056, 2061, 2096, 2101, 2102, 2103, 2107, 2116, 2132
XR-1000	2021, 2026, 2061
Yamaha	2009, 2010, 2011, 2018, 2111
Zenith	2004, 2098, 2104, 2119, 2128

DVD codes

Programmable for DVD and VPORT buttons.

Aiwa	3009
Apex	3023, 3024
GE	3000
Hitachi	3008
JVC	3002, 3010
Konka	3011, 3012
Magnavox	3003
Mitsubishi	3004
Panasonic	3013
Philips	3003, 3019, 3021, 3022
Pioneer	3005
Proscan	3000
RCA	3000, 3001
Samsung	3025
Sanyo	3014
Sony	3006, 3015, 3016
Toshiba	3007, 3017, 3020
Zenith	3018