



Remote Control USER'S GUIDE

It's simple to program your remote to control your TV.

Your remote control is already programmed to control your HD Set-Top Box. To control your TV functions (TV Input, TV Power, VOL+, VOL- and Mute), follow the steps below:

HERE'S HOW:

1. Install the batteries.
2. Find the manufacturer's code for your TV (see other side).
3. Turn on your TV and digital set-top box or HD Set-Top Box.
4. On your remote, press and hold the Setup button until the Indicator LED changes from red to green.
5. Enter the first manufacturer's code you found in Step 2. The Indicator LED will flash green twice.
6. Press the TV Power button on the remote control. If the TV turns off, you know the code has been accepted. Turn the TV back on and make sure that the VOL+/- and Mute buttons also work. If so, you're all set!
7. If not, repeat these steps using the next manufacturer's code found in Step 2 (You may need to try several codes to find the one that works for your TV). If you still can't find a code that works, see the "Can't Find Your Code?" section.

CAN'T FIND YOUR CODE?

If you can't program your remote using the codes on the back of this guide, follow the steps below to search for your code.

1. Turn on your TV.
2. On your remote, press and hold the Setup button until the Indicator LED changes from red to green.
3. Enter A.
4. Press the CH/∧ button multiple times until the TV turns off.
5. After the TV turns off, press Setup.
6. Successful TV IR code storage is indicated by 2 green blinks.

Additional Feature: If you would like to place your DTA out of line of site (for example, in an entertainment center or behind your TV), follow the instructions above to program the remote control for your TV, then refer to the "Installing your DTA out of sight" instructions on the other side of this instruction sheet.

HD Set-Top Box Remote Control USER'S GUIDE

SAVE YOUR TV CODE

For future reference, write the valid manufacturer's code for your TV here:

Troubleshooting

GENERAL TROUBLESHOOTING

Q: Why does the Indicator LED flash red, but there is no response when I press a key?

A: Make sure the remote is aimed at your TV and is no further than 15 feet away. Also, make sure your HD Set-Top Box is powered on and in plain sight.

Q: Why does the Indicator LED turn red while I am programming my remote?

A: You may have entered the wrong code. Check the code and try programming again.

PAIRED REMOTE TROUBLESHOOTING

Q: How can I tell which HD Set-Top Box my remote control has been paired with?

A: Once paired to a device, the remote will only work with that specific HD Set-Top Box.

Here's what your remote can do.



TV Input: External input.

TV Power: Turns on/off your TV.

Menu: Enters the on-screen menus.

OK: Selects the highlighted item.

Last: Returns to the previous channel.

Info: Provides a description of a program.

Exit: Exits guide screens and returns you to TV viewing.

Guide: Shortcut to TV listings.

VOL+/-: Turns the volume up and down on the HD Set-Top Box. After your remote is programmed these keys operate the TV's volume control.

CH ∧/∨: Selects the next higher or lower channel.

Mute: Turns the sound on and off.

Setup: Programs your remote control to your TV or HD Set-Top Box.

A, B, C, D: Context-sensitive control keys used in advanced setups.

Note: Some features above require an on-screen programming guide not available with all devices.

Keypad (0-9): Select the channel you want to view (e.g., 0-9 or 0-2-6).

Installing your HD Set-Top Box out of sight.

Your remote control can be paired directly with your HD Set-Top Box, allowing you to place the device out of the line of sight (in an entertainment center or behind your TV, for example).

Follow the steps to the right to pair your remote control with your HD Set-Top Box.

Once your remote control is paired to a specific HD Set-Top Box, it will not control any other HD Set-Top Box in your home.

If you would like to use your remote control for another HD Set-Top Box in your home, you can "un-pair" the devices by following the instructions included in the "Remove remote control pairing" section of this document.

HERE'S HOW:

1. Program your remote to control your TV as described in the "It's simple to program your remote to control your TV" section. If you've already done this, proceed to Step 2.

2. Follow the HD Set-Top Box instructions to enter the remote pairing screen. Please insure you have line of site of the HD Set-Top Box during the pairing process.

3. Press and hold the Setup button until the Indicator LED changes from red to green.

4. Press the Menu button on the remote control. Your TV should display on-screen instructions. If the on-screen instructions do not appear, you may need to press the Menu button again — up to two more times.

5. Follow the on-screen instructions to enter the 3-digit code that appears.

6. Once the code is correctly entered, your remote will be paired with the HD Set-Top Box connected to your TV.

FREQUENTLY ASKED QUESTION ABOUT PAIRING:

Q: Why does the Indicator LED flash green then red during pairing?

A: The device you are pairing with may not be powered on, or it may not support Device Pairing technology. Confirm the box is powered on and supports Device Pairing technology.

Remove remote control pairing

Once your remote control is paired to your HD Set-Top Box, it is uniquely paired and will not control any other HD Set-Top Box in your home.

If you would like to use your remote control for a different HD Set-Top Box, you must first un-pair the remote control from the current device.

Follow the instructions below to remove the pairing from your remote.

1. Press and hold the Setup button until the Indicator LED changes from red to green.
2. Enter 9-8-7 on the remote control.
3. The Indicator LED will blink green twice.

The remote control will now be un-paired from that device and can be used for other HD Set-Top Boxes in your home.

Remember, when using your remote control with a new TV or HD Set-Top Box, you may need to reprogram the remote control to operate those devices.

Follow the steps included earlier in this guide to program or reprogram your remote.

FCC Warning

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- 1.1. Reorient or relocate the receiving antenna.
- 1.2. Increase the separation between the equipment and receiver.
- 1.3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 1.4. Consult the dealer or experienced radio /TV technician for help.

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

"CAUTION": Exposure to Radio Frequency Radiation. Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.

Maker (Brand) Name	CodeNumber(Sdigit)List	H & B	PHILIPS	VIKING
3M	10368	10301	10001 10003 10011 10040 10060 10067 10132 10145 10148 10172 10230	10372
A MARK	10103 10132 10388	10026 10322 10323 10324 10325 10326 10434 10373 10136	10001 10003 10011 10040 10060 10067 10132 10145 10148 10172 10230	10316
ACTION	10370	10107 10231 10315	10001 10003 10011 10040 10060 10067 10132 10145 10148 10172 10230	10551
ADMIRAL	10436 10431	10447	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10360
ADVENT	10135 10339	10448 10447 10447 10263 10264	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10360
ADVENTURA	10372	10451 10376 10452	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10011 10315 10351 10530
AFFRON	10375	10034 10180 10181 10182 10415	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10011 10014 10015 10025 10033 10061 10062 10064 10065 10069 10071
AIRCO	10274	10380 10453	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10107 10132 10148 10230 10231 10235 10415 10315 10439 10469 10543
AIWA(R-44A)	10082 10183	10436	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10376
AKAI	10001 10148 10160 10220 10317 10318 10348 10352 10542 10439 10476	10301	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10303
ALARON	10376	10319	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10091 10319 10320 10327 10328 10329 10136 10431 10409
ALBATRON	10377	10456 10330 10454	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10362
AMBASSADOR	10378	10373 10459 10462 10266 10011	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10307
AMERICA ACTION	10380	10001 10011 10015 10016 10017 10018 10029 10043 10072 10132 10144	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10330
AMPRO	10070 10164 10249 10381	10147 10203 10204 10205 10206 10207 10208 10209 10210 10211 10368	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10552
AMSTRAD	10053	10452 10374 10543	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10001 10011 10023 10439 10315
ANAM	10045 10055 10057 10076 10095 10099 10103 10106 10109 10112 10122	10439	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10107
ANOC	10143 10240 10380	10460 10461	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10009 10069 10070 10090 10094 10227 10431 10315 10374 10452 10516
AOC	10088 10363 10367 10001 10011 10103 10230 10231 10330 10439	10463	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	10103 10388
ADMNI	10354	10469	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
APEX	10302 10303	10470	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
APEX DIGITAL	10303 10373 10384	10471	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
ARCHER	10388	10472	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
ASTAR	10390	10473	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
AUDIOVOX	10345 10319 10380 10374 10388	10474	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
AURORA SYSTEMS	10391	10475	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
AVENTURA	10311	10476	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BELCOR	10230 10231 10315	10477	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BELL & HOWELL	10393	10478	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BENO	10395 10396	10479	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BLAUPUNKT	10084	10480	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BLU-SENS	10476 10455 10499	10481	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BRADFORD	10380	10482	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BRIILLIAN	10398	10483	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BROCKWOOD	10231 10315	10484	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BROKSONIC	10143 10166 10174 10431	10485	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BUSH	10399	10486	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
BYD-SIGN	10400	10487	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CANDLE	10001 10002 10003 10011 10230 10439 10372 10543	10488	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CANON	10402 10403	10489	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CAPEHART	10059	10490	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CARNIBALE	10230 10439	10491	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CARVER	10415 10405	10492	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CASIO	10406 10407	10493	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CCE	10408	10494	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CELEBRITY	10409	10495	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CELERA	10303	10496	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CETRONIC	10405	10497	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CHANGHONG	10303	10498	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CITIZEN	10001 10002 10003 10011 10045 10092 10094 10132 10230 10439 10374	10499	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CLARION	10380	10500	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CLASSIC	10045	10501	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
COBY	10412 10011 10275	10502	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
COMMERCIAL SOLUTIONS	10413	10503	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
COMPAQ	10414	10504	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CONCERTO	10011 10543	10505	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CONTEC	10041 10045 10051 10052 10380	10506	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CORENA SYSTEM	10301	10507	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CORONADO	10132	10508	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CRAIG	10045 10055 10157 10158 10159 10380 10258	10509	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CROSLEY	10415	10510	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CROWN	10045 10132 10380	10511	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CURTIS MATHES	10001 10092 10107 10132 10230 10365 10413 10415 10393 10319 10436	10512	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CXC	10542 10439 10368 10504 10543 10271	10513	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CYBERHOME	10045 10380	10514	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
CYTRON	10416	10515	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
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DAEWOO	10011 10022 10023 10038 10045 10046 10056 10068 10073 10094 10098	10517	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
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DAEWOO	10107 10132 10231 10315	10520	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DELL	10148 10314	10521	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DELTA	10419	10522	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DENON	10368 10421	10523	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DIAMOND VISION	10422 10423	10524	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DIGI LINK	10172	10525	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DIGISTAR	10424	10526	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DIGITAL LIFESTYLES	10425 10426	10527	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DIGITAL PROJECTION INC.	10427 10429	10528	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DREAM VISION	10430	10529	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DUMONT	10231	10530	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DURABRAND	10431 10380 10315 10311 10434 10388 10435	10531	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DWIN	10436	10532	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DYNASTY	10045	10533	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DYNATECH	10063	10534	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
DYNEX	10091 10347 10366	10535	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
EKI	10253 10402	10536	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
ELECTROGRAPH	10354	10537	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
ELECTROHOME	10074 10132 10431	10538	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
ELECTROBAND	10409	10539	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
ELECTROGRAPH	10486 10354	10540	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
ELEMENT	10335 10259 10273	10541	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
EMERSON	10001 10012 10013 10029 10033 10045 10048 10049 10051 10052 10091	10542	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
EMERSON	10107 10132 10137 10137 10140 10141 10157 10158 10162 10184 10185	10543	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
EMERSON	10186 10187 10188 10189 10190 10191 10192 10193 10194 10195 10196	10544	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
EMERSON	10197 10198 10199 10200 10201 10202 10355 10393 10319 10431 10380	10545	10001 10024 10029 10031 10032 10107 10248 10254 10304 10501	
EMERSON	10315 10311 10505	10546	10001	