

## 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 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 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 HD Set-Top Box 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 HD Set-Top Box out of sight" instructions on the other side of this instruction sheet.

### SAVE YOUR TV CODE

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

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## HD Set-Top Box Remote Control USER'S GUIDE

## Troubleshooting

### GENERAL TROUBLESHOOTING

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

**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 Power:** Turns on/off your TV.

**All Power:** One button to turn on/off both the TV and set-top box.

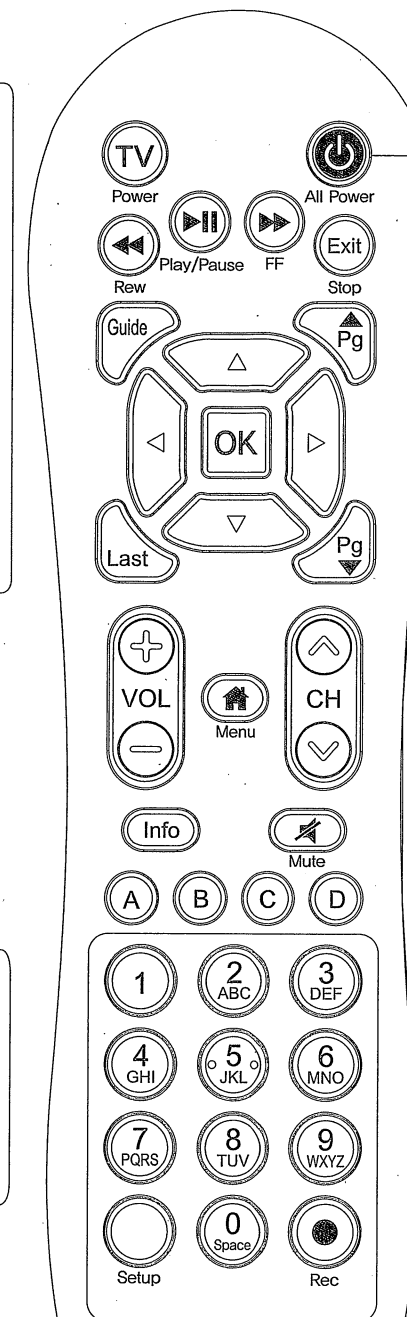
**Video Controls:** Controls On Demand or DVR viewing, **Play/Pause**, **Fast-Forward**, **Rewind** and **Exit/Stop**.

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

**Guide:** Shortcut to TV listings.

**Last:** Returns to the previous channel or guide screen.

**OK:** Selects the highlighted item.



**Indicator LED:** All Power button blinks each button presses.

**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 ^/V:** Selects the next higher or lower channel.

**Menu:** Enters the on-screen menus.

**Info:** Provides a description of a program.

**Mute:** Turns the sound on and off.

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

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

**Rec:** Records content currently being viewed.

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

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.

## 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 receiver is connected.
- 1.4. Consult the dealer or experienced radio /TV technician for help.

## 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.

## 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 Below steps 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.

### 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.

### 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.

Maker (Brand) Name	CodeNumber(4digit)List	GRADIENTE	OPTOMA	VENTURER
3M	10368	10040	10508 10448	10315
A MARK	10103 10132	GRUNPY	10380 10376	VEOS
ACTION	10370	H & B	10301	VICTOR
ADMIRAL	10436 10431	HAIER	10026 10322 10323 10324 10325 10326 10434 10373	VIDEO CONCEPTS
ADVENT	10135 10339	HALL MARK	10107 10231 10315	10160
ADVENTURA	10372	HANNS.G	10447	VIDIKRON
AFTRON	10373	HANNSPREE	10448 10449 10447	10255 10415
AIKO	10374	HARLEY DAVIDSON	10451 10376 10452	10011 10107 10231 10315
AIWA(R-44A)	10082 10183	HARMAN KARDON	10034 10180 10181 10182 10415	VIEWSONIC
AKAI	10001 10148 10160 10230 10317 10318 10348 10352 10542 10439 10476	HARVARD	10380 10453	10363 10088 10330 10331 10349 10486 10530 10503
ALARON	10376	HASPERMY	10436	VIKING
ALBATRON	10377	HELIOS	10301	VIORÉ
A-MARK	10388	HELLO KITTY	10319	VISART
AMBASSADOR	10378	HEWLETT PACKARD	10456 10330 10458	VISAT
AMERICA ACTION	10380	HISENSE	10373 10459 10462	VITO
AMPRO	10070 10164 10249 10381	HITACHI	10001 10011 10015 10016 10017 10018 10029 10043 10072 10132 10144	VIZIO
AMSTRAD	10053	HP	10147 10203 10204 10205 10206 10207 10208 10209 10210 10211 10368	10011 10014 10015 10025 10033 10061 10062 10064 10065 10069 10071
ANAM	10045 10055 10057 10076 10095 10099 10103 10106 10109 10112 10122	HUMAX	10452 10368 10543	10107 10132 10148 10230 10231 10235 10415 10315 10439 10489 10543
AOC	10088 10363 10367 10001 10011 10103 10230 10231 10330 10439	HYPERION	10357	WAYCON
AOINI	10354	HYUNDAI	10143	WESTINGHOUSE
APEX	10302 10303	I-INC	10231	WHITE WESTING HOUSE
APEX DIGITAL	10303 10373 10384	ILO	10460 10461	WINBOOK
ARCHER	10388	INFINITY	10463	WOODYOUNG
ASTAR	10390	INFOCUS	10091 10343 10362 10356	WYSE
AUDIOVOX	10345 10319 10380 10374 10388	INITIAL	10415 10148	XOCECO
AURORA SYSTEMS	10391	INKEL	10464 10364 10466 10467	YAMAHA
AVENTURA	10311	INSIGNIA	10358	10001 10011 10231 10439 10315
BELCOR	10230 10231 10315	IX	10120	YORK
BELL & HOWELL	10393	JANEIL	10091 10366 10311 10417	YUPITERU
BENQ	10395 10396	JBL	10344	ZENITH
BLAUPUNKT	10084	JCB	10372	10009 10069 10070 10090 10094 10227 10431 10315 10374 10452 10516
BLU-SENS	10476 10455 10499	JCPENNY	10148 10415	ZONDA
BRADFORD	10380	JENSEN	10409	10103 10388
BRILLIAN	10397 10398	JVC	10001 10011 10014 10015 10030 10035 10092 10132 10145	
BROCKWOOD	10231 10315	KAWASHO	10019 10234	
BROKSONIC	10143 10166 10174 10431	KDS	10038 10040 10079 10134 10239	
BUSH	10399	KEC	10550	
BYD-SIGN	10400	KENWOOD	10470	
CADIA	10401	KLEGG	10335	
CANDLE	10001 10002 10003 10011 10230 10439 10372 10543	KLH	10045 10380	
CANON	10402 10403	KLOSS	10001 10229 10230 10231 10439 10315	
CAPEHART	10059	KMC	10354	
CARNIBALE	10230 10439	KNOLL SYSTEMS	10341 10303	
CARVER	10415 10405	KONKA	10002 10060 10230 10372	
CASIO	10406 10407	KOST	10132	
CCE	10408	KREISEN	10467	
CELEBRITY	10409	KT	10473 10475 10476 10477	
CELERA	10303	KTV	10478 10479	
CETRONIC	10045	LG(GOLDSTAR)	10480 10479	
CHANGHONG	10303	LLOYD'S	10001 10045 10132 10140 10162 10308	
CINEGO	10411	LODGENET	10380 10439	
CITIZEN	10001 10002 10003 10011 10045 10092 10094 10132 10230 10439 10374	LOEWE	10011 10093 10097 10101 10103 10104 10107 10110 10113 10118 10128	
CLARION	10380	LOGIK	10132 10231 10346 10315 10439	
CLASSIC	10045	LUCE	10452	
COBY	10412	LUXMAN	10069	
COMMERCIAL SOLUTIONS	10413	LXI	10481	
COMPAQ	10414	MAGNASONIC	10069	
CONCERTO	10011 10543	MAGNAVOX	10358 10483	
CONTEC	10041 10045 10051 10052 10380	MAGNIN	10011 10543	
CORENA SYSTEM	10301	MARANTZ	10013 10021 10053 10077 10145 10148 10413 10415 10393 10303 10315	
CORONADO	10132	MATSUI	10230 10231 10348	
CRAIG	10045 10055 10157 10158 10159 10380	MATSUSHITA	10001 10003 10011 10060 10061 10062 10064 10065 10066 10086 10088	
CROSLEY	10415	MAXENT	10118 10132 10138 10145 10148 10192 10212 10213 10230 10236 10244	
CROWN	10045 10132 10380	MB QUART	10312 10332 10415 10439 10356 10505 10452 10330 10376	
CURTIS MATHES	10001 10092 10107 10132 10230 10365 10413 10415 10393 10319 10436	MEGATRON	10484	
CXC	10045 10380	MEMOREX	10001 10074 10148 10230 10415 10439	
CYBERHOME	10416	METZ	10001 10074 10148 10230 10415 10439	
CYTRON	10417 10418	MGA	10148	
DAEWOO	10011 10022 10023 10038 10045 10046 10056 10068 10073 10094 10098	MICRO	10485	
DAYTRON	10102 10105 10108 10111 10114 10116 10118 10119 10127 10132 10231	MIDLAND	10486 10487	
DELL	10148 10314	MINERVA	10315	
DELTA	10419	MINTEK	10315 10368 10388 10435	
DENON	10368 10421	MINUTZ	10013 10069 10091 10107 10393 10431 10315 10376 10344 10516	
DIAMOND VISION	10422 10423	MITSUBISHI	10084	
DIGI LINK	10172	MONVISION	10001 10011 10030 10033 10034 10041 10042 10044 10089 10100 10107	
DIGISTAR	10424	MONTGOMERY WARD	10115 10154 10160 10167 10168 10214 10215 10216 10231 10245 10436	
DIGITAL LIFESTYLES	10425 10426	MOTOROLA	10315	
DIGITAL PROJECTION INC	10427 10429	MOXELL	10377	
DREAM VISION	10430	MTC	10185 10217 10218 10219 10220	
DUMONT	10231	MULTITECH	10436 10335	
DURABRAND	10431 10380 10315 10311 10434 10388 10435	NAD	10335	
DWIN	10436	NAKAMICHI	10230 10231 10439 10315 10543	
DYNASTY	10063	NAXA	10001 10013 10022 10025 10030 10041 10042 10057 10121 10123 10125	
DYNEX	10091 10347 10366	NEC	10230 10231 10235 10344 10439 10315 10543 10405	
EIKI	10253 10402	NETTV	10486	
ELECTROGRAPH	10354	NIKEI	10045	
ELECTROHOME	10074 10132	NIKKO	10230 10315 10439 10374	
ELECTROBAND	10409	NIKO	10493	
ELECTROGRAPH	10486 10354	NOBLEX	10494	
ELECTROHOME	10431	NORCENT	10373 10330 10495 10493	
ELEMENT	10335	NORWOOD MICRO	10362 10498	
EMERSON	10001 10012 10013 10029 10033 10045 10048 10049 10051 10052 10091	NTC	10374	
	10107 10132 10137 10139 10140 10141 10157 10158 10162 10184 10185	NUVISION	10502	
	10186 10187 10188 10189 10190 10191 10192 10193 10194 10195 10196	OLEVIA	10011 10342 10535 10315	
	10197 10198 10199 10200 10201 10202 10355 10393 10319 10431 10380	OLYMPUS	10503	
	10315 10311 10505	ONKING	10045	
EMPREX	10425	ONWA	10045 10380	
ENVISION	10439 10358 10380	OPTONICA	10025 10034 10077 10235	
ENVIXION	10230	OPTIMUS	10485 10393 10504 10505	
EPSON	10364			
ERAE	10442			
ESA	10317 10318 10311			
FISHER	10013 10058 10393			
FUJITSU	10149 10228 10333 10334 10376			
FUNAI	10033 10045 10380 10311 10376 10452			
FUTURETECH	10045 10380			
GATEWAY	10310 10486			
GE	10001 10014 10015 10038 10057 10070 10083 10107 10121 10133 10141			
GILBRALTER	10230 10231 10439 10315			
GO VIDEO	10443 10479 10476			
GOODMANS	10445			