



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 digital set-top box or DTA (Digital Transport Adapter). 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 DTA (Digital Transport Adapter).
4. On your remote, press and hold the **Setup** button for three seconds 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+**/**Mute** 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 for 3 seconds 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 digital set-top box or 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 digital set-top box or DTA out of sight" instructions on the other side of this instruction sheet.

Digital Transport Adapter 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 digital set-top box or DTA is powered on and in plain sight.

Q: Why does the Indicator LED flash red then green 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: When paired, why does the Indicator LED flash green then red when pressing a button on the remote?

A: The device you are paired with may not be powered on or you might be out of communication range. Make sure the device is powered on and move closer to the device. If this does not work, try re-pairing your remote by following the instructions in "Installing your digital set-top box or DTA out of sight."

Q: How can I tell which digital set-top box or DTA my remote control has been paired with?

A: Once paired to a device, the remote will only work with that specific set-top box or DTA. Color-coded stickers have been included in the packaging to make it easier to quickly identify which device is paired with your remote.

Here's what your remote can do.

Esto es lo que tu control remoto puede hacer.

TV Input: External input.

TV Power: Turns on/off your TV.

Menu: Enters the on-screen guide menu.

OK: Selects the highlighted item within the guide.

Last: Returns to the previous channel or guide screen.

Info: Provides a description of a program.

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



Guide: Shortcut to TV listings.

VOL+/-: Turns the volume up and down on the DTA or 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.

Mute: Turns the sound on and off.

Setup: Programs your remote control to your TV, set-top box or DTA.

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 digital set-top box or DTA out of sight.

Your remote control can be paired directly with your digital set-top box or DTA, 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 digital set-top box or DTA.

Once your remote control is paired to a specific digital set-top box or DTA, it will not control any other set-top box or DTA in your home.

If you would like to use your remote control for another digital set-top box or DTA 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. Press and hold the **Setup** button for 3 seconds until the **Indicator LED** changes from red to green.
3. 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.

4. Follow the on-screen instructions to enter the 3-digit code that appears.
5. Once the code is correctly entered, your remote will be paired with the digital set-top box or DTA connected to your TV.

FREQUENTLY ASKED QUESTION ABOUT PAIRING:

Q: Why does the Indicator LED flash red then 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 digital set-top box or DTA, it is uniquely paired and will not control any other set-top box or DTA in your home.

If you would like to use your remote control for a different digital set-top box or DTA, 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 for 3 seconds 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 set-top boxes or DTAs in your home.

Remember, when using your remote control with a new TV, digital set-top box or DTA, 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 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	CodeNumber4digitList
3M	10368
A MARK	10103 10132
ACTION	10079
ADMIRAL	10436 10431
ADVENT	10135 10339
ADVENTURA	10372
AFTRON	10378
AIKO	10374
AIWA(R-44A)	10082 10183
AKAI	10001 10148 10160 10230 10317 10318 10348 10352 10542 10439 10476
ALARON	10517
ALBTRON	10377
AJ-MARK	10388
AMERICA DOOR	10378
AMERICA ACTION	10380
AMPRO	10070 10164 10249 10381
AMSTRAD	10053
ANAM	10045 10055 10057 10076 10095 10099 10103 10106 10109 10112 10122
ANAC	10443 10240 10380
AOC	10088 10363 10367 10001 10011 10103 10230 10231 10330 10439
AOMINI	10354
ARIS	10302 10303
ARFX DIGITAL	10303 10373 10384
ARCHER	10388
ASTAR	10390
AUDIOVOX	10345 10319 10380 10374 10388
AURICA SYSTEMS	10391
AVENTURA	10311
BELCOR	10239 10231 10315
BELL & HOWELL	10393
BEND	10395 10396
BLAUPUNKT	10084
BRADFORD	10380
BRILLIAN	10397 10398
BROOKWOOD	10231 10315
BROKSONIC	10143 10166 10174 10431
BUSH	10399
BYD-SIGEN	10400
CADIX	10401
CANDLE	10001 10002 10003 10011 10230 10439 10372 10543
CANON	10402 10403
CAPEHART	10059
CARNIBALE	10239 10439
CARVER	10415 10405
CASIO	10406 10407
CCE	10408
CELEBRITY	10409
CELERA	10303
CETRONIC	10045
CHANGHONG	10303
CHINGO	10411
CHITZEN	10001 10002 10003 10011 10045 10092 10094 10132 10230 10439 10374
CLARION	10372 10543 10517
CLASSIC	10380
CLASSIC	10045
COBY	10412
COMMERCIAL SOLUTIONS	10413
COMPAG	10414
CONCERTO	10011 10043
CONTIG	10041 10045 10051 10052 10380
CORENA SYSTEM	10301
CORONADO	10132
CRAIG	10045 10055 10157 10158 10159 10380
CROSLEY	10415
CROWN	10045 10132 10380
CURTIS MATHES	10001 10092 10107 10132 10230 10365 10413 10415 10393 10319 10436
CYBERHOME	10042 10439 10368 10504 10543
CXC	10045 10380
CYBERHOME	10416
CYTRON	10417 10418
DAEWOO	10011 10022 10023 10038 10045 10046 10056 10068 10073 10094 10098
DAYTRON	10102 10105 10108 10111 10114 10116 10118 10119 10127 10132 10231
DELL	10246 10319 10374 10315
DELTA	10107 10132 10231 10315
DELL	10148 10314
DELTA	10419
DENON	10368 10421
DIAMOND VISION	10422 10423
DIGI LINK	10172
DIGISTAR	10424
DIGITAL LIFESTYLES	10425 10426
DIGITAL PROJECTION INC	10427 10429
DREAM VISION	10430
DUMONT	10231
DURABRAND	10431 10380 10315 10311 10434 10388 10435
DWIN	10436
DYNA	10045
DYNATECH	10053
DYNEX	10091 10347 10366
ERI	10023 10402
ELECTROGRAPH	10384
ELECTROHOME	10074 10132
ELECTROBAND	10409
ELECTROGRAPH	10486 10354
ELECTROHOME	10431
ELEMENT	10338
EMERSON	10001 10012 10013 10029 10033 10045 10046 10049 10051 10052 10091
EMERSON	10107 10132 10137 10139 10140 10141 10157 10158 10162 10164 10185
EMERSON	10186 10187 10188 10189 10190 10191 10192 10193 10194 10195 10196
EMERSON	10197 10198 10199 10200 10201 10202 10205 10393 10319 10431 10380
EMERSON	10315 10311 10505
EMPREX	10425
ENVISION	10439 10358 10330
ENVIXION	10230
EPSON	10384
ERANE	10442
ESA	10317 10318 10311
FISHER	10013 10058 10393
FUJITSU	10149 10228 10333 10334 10376
FURUI	10031 10045 10380 10311 10376 10452
FUTURETECH	10045 10380
GATEWAY	10310 10486
GE	10001 10014 10015 10038 10057 10070 10083 10107 10121 10133 10141
GE	10145 10163 10413 10319 10315 10489 10464
GILBRALTER	10230 10231 10439 10315
GO VIDEO	10443 10479 10476
GOODMANS	10445

GRADIENTE	10040
GRUNPY	10380 10376
H & B	10301
HAIER	10026 10322 10323 10324 10325 10326 10434 10373
HALL MARK	10107 10231 10315
HANNS.G	10447
HANNSPREE	10448 10449 10447
HARLEY DAVIDSON	10451 10376 10452
HARMAN KARDON	10034 10180 10181 10182 10415
HARVARD	10380 10453
HAVERMAY	10436
HELIOS	10301
HELLO KITTY	10319
HEWLETT PACKARD	10456 10330 10458
HIBENSE	10373 10459 10462
HITACHI	10001 10011 10015 10016 10017 10018 10029 10043 10072 10132 10144
HITACHI	10147 10203 10204 10205 10206 10207 10208 10209 10210 10211 10368
HIP	10357
HUBAX	10143
HYPERION	10231
HYUNDAI	10460 10461
HNC	10463
ILO	10094 10343 10362 10366
INFINITY	10415 10148
INFOCUS	10464 10364 10466 10467
INITIAL	10256
INTEL	10120
INSIGNIA	10091 10096 10311 10417
IX	10344
JANELL	10372
JBL	10148 10415
JCB	10409
JCPENNY	10001 10011 10014 10015 10030 10035 10092 10132 10145
JENSEN	10019 10234
JVC	10038 10040 10079 10134 10239
JVC	10550
KAWASHO	10470
KDS	10335
KEC	10045 10380
KENWOOD	10001 10229 10230 10231 10439 10315
KLEGG	10384
KLH	10341 10303
KLOSS	10002 10060 10230 10372
KMIC	10132
KNOLL SYSTEMS	10467
KONKA	10473 10475 10476 10477
KOST	10478 10479
KREISEN	10480 10479
KT	10001 10045 10132 10140 10162 10308
KTV	10380 10439
LG(GOLDSTAR)	10011 10093 10097 10101 10103 10104 10107 10110 10113 10118 10128
LG(GOLDSTAR)	10132 10231 10346 10315 10439
LLOYD'S	10452
LODGENET	10069
LOEWE	10481
LOGIK	10069
LUCIE	10358 10483
LUXMAN	10011 10543
LXI	10013 10021 10053 10077 10145 10148 10413 10415 10393 10303 10315
MAGNASONIC	10230 10231 10346
MAGNASONIC	10001 10003 10111 10060 10061 10062 10064 10065 10066 10068 10068
MAGNAVOX	10118 10132 10138 10145 10148 10192 10212 10213 10230 10236 10244
MAGNIN	10312 10332 10415 10439 10356 10505 10452 10330 10376
MAGNIN	10484
MARANTZ	10001 10074 10148 10230 10415 10439
MATSUJITA	10148
MATSUBISHI	10485
MAXON	10486 10487
MB QUART	10315
MEGATRON	10315 10368 10388 10435
MEMOREX	10013 10069 10091 10107 10393 10431 10315 10376 10344 10516
METZ	10084
MGA	10001 10011 10033 10044 10050 10074 10107 10230 10231 10315 10439
MICRO	10470
MDLAND	10413
MNERVA	10084
MINTEK	10356
MINUTZ	10489
MITSUBISHI	10001 10011 10030 10033 10034 10041 10042 10044 10089 10100 10107
MITSUBISHI	10115 10154 10160 10167 10168 10214 10215 10216 10231 10245 10436
MONTVISION	10377
MONTGOMERY WARD	10185 10217 10218 10219 10220
MOTOROLA	10436 10335
MOTELL	10335
MULTITECH	10230 10231 10439 10315 10543
NAD	10021 10031 10303 10315 10543
NAKAMICHI	10491
NAXA	10492
NEC	10001 10013 10022 10025 10030 10041 10042 10057 10121 10123 10125
NEC	10230 10231 10235 10344 10439 10315 10543 10405
NETTV	10486
NEKI	10045
NIKKO	10230 10315 10439 10374
NIKO	10493
NOBLEX	10494
NORCENT	10373 10330 10495 10493
NORWOOD MICRO	10362 10498
NTC	10374
NUVISION	10029
OLEVA	10011 10342 10535 10315
OLYMPUS	10503
ONKING	10045
ONWA	10045 10380
OPTONICA	10025 10034 10077 10235
OPTIMUS	10485 10393 10504 10505

OPTOMA	10506 10448
OPTONICA	10436
ORION	10431 10376 10516
PANASONIC	10005 10010 10038 10057 10076 10087 10148 10150 10169 10173 10240
PANASONIC	10308 10359 10485
PENNEY	10230 10231 10413 10303 10315 10439 10484 10489 10388
PHILCO	10001 10003 10011 10030 10045 10057 10090 10061 10064 10065 10118
PHILCO	10132 10148 10230 10231 10415 10439 10315
PHILIPS	10001 10003 10011 10040 10060 10067 10132 10145 10148 10222 10230
PHILIPS	10231 10321 10371 10415 10479
PILOT	10230 10231 10439 10315
PIONEER	10001 10024 10029 10031 10032 10107 10248 10254 10304 10504
POLAROID	10335 10338 10339 10340 10341 10303 10417 10362 10478 10301 10478
PORTLAND	10001 10013 10221 10231 10374 10315 10339 10424 10476
PROSCAN	10133 10203 10249 10413
PROTON	10059 10107 10122 10132 10165 10224 10251 10315 10388
PROTRON	10507 10508
PROVIEW	10335
PULSAR	10231 10315
PUREIT	10425
PVISION	10442
QUASAR	10238 10057 10087 10225 10243 10308 10485
RADIO SHACK	10025 10045 10048 10107 10118 10132 10230 10235
RCA	10001 10004 10006 10011 10029 10030 10057 10083 10133 10145 10161
RCA	10163 10171 10231 10232 10371 10413 10484 10315
REALISTIC	10013 10025 10045 10048 10230 10231 10235 10393 10380 10315 10439
REVOLUTIONHD	10354 10543
ROCTEC	10237
RUNCO	10152 10153 10230 10250 10252 10336 10337 10439
SAMPO	10001 10059 10107 10230 10486 10439
SAMPO	10001 10007 10012 10051 10085 10092 10096 10104 10107 10118 10124
SAMSUNG	10128 10132 10145 10176 10177 10221 10230 10305 10306 10542 10315
SAMSUNG	10439 10479 10408 10543 10315
SANSUI	10431 10452 10516 10517
SANYO	10013 10026 10027 10037 10041 10054 10058 10078 10081 10253 10393
SANYO	10402 10484
SCEPTRE	10313
SCHMITSU	10231 10315
SCOTT	10033 10045 10049 10107 10132 10231 10380 10315 10376
SCOTCH	10315
SEARS	10011 10013 10021 10033 10035 10058 10078 10092 10107 10132 10145
SEARS	10244 10413 10415 10393 10303 10315 10311 10543 10376 10387 10452
SELECO	10368 10430
SHARP	10011 10020 10025 10028 10033 10034 10077 10132 10151 10154 10235
SHARP	10236 10361 10375 10436
SHARPER IMAGE	10518
SHENGE CHIA	10436
SHERWOOD	10120
SHOGUN	10231 10315
SIEMENS	10084
SIGNATURE	10069 10231
SIGNATURE 2000	10231
SIGNET	10519 10478 10520
SIM2 MULTIMEDIA	10430
SIMPSON	10230
SKYWORTH	10522
SOLARISM	10623
SOLE	10358 10483 10301 10479 10354
SONY	10043 10067 10075 10117 10130 10138 10170 10238 10247 10309 10409
SONY	10452
SOUNDDESIGN	10003 10033 10045 10107 10380 10315 10376
SOVA	10067
SOYO	10425 10463 10524 10525 10476
SPECTRICON	10103 10231 10388
SPECTRONIC	10335
SQUAREVIEW	10311
SSS	10011 10045 10231 10380 10315
STARLITE	10231 10380
STUDIO EXPERIENCE	10377
STUNBRITE	10258 10529
SUPERSCAN	10436 10530
SUPRE MACY	10002 10372
SUPREME	10409
SVA	10373 10479 10301 10532 10533
SYLVANIA	10001 10003 10008 10011 10060 10061 10064 10065 10107 10118 10126
SYLVANIA	10131 10145 10148 10155 10230 10311 10355 10415 10439
SYMPHONIC	10380 10311 10452 10505
SYNTAX	10342 10535 10315
TANDY	10077 10436
TASHIKO	10527
TATUNG	10057 10063 10388 10458 10362
TEAC	10379
TECHNICS	10380 10240 10485
TECHNOL ACE	10376
TECHVIEW	10639 10541
TECHWOOD	10011 10388 10543
TELEMAGIC	10402
TEKNIKA	10001 10002 10003 10011 10030 10033 10036 10045 10069 10074 10092
TEKNIKA	10094 10132 10231 10415 10380 10374 10315 10543 10376
TELEFUNKEN	10005 10047 10241 10242 10542 10543 10544
TELERENT	10090
TERA	10156
THOMAS	10452
TMK	10011 10107 10315 10543 10378
TOSHIBA	10013 10021 10035 10042 10052 10063 10092 10129 10142 10146 10175
NTC	10179 10179 10226 10233 10393 10303 10464 10419 10517
TOTEVISION	10132
TRUTECH	10353
TVS	10431
ULTRA	10547 10508
UNIVERSAL	10014 10015</