



Comcast Digital Transport Adapter Universal Remote



OVERVIEW

The Comcast Digital Transport Adapter universal remote is designed to work with the Digital Transport Adapter (Digital Adapter) supplied by Comcast. This remote is designed to operate all of the features and functions of the Digital Adapter and is programmable to operate the Volume and Power of your TV.

The remote control requires installing two (2) new AA batteries (included) and simple programming instructions to control your TV. For best results, please read and perform all instructions listed here. Also, keep this guide for future reference.

INSTALLING BATTERIES

1. Pull back the remote control's battery cover and remove it.
2. Insert the two (2) supplied AA batteries according to the + and - marks in the battery case.
3. Push the battery cover back into place.
4. Test the unit by pressing the power key.
If batteries are inserted correctly, the Red Light will blink.

NOTE: When batteries need replacement, the remote control will stop operating. Replace the old batteries within 15 minutes and the unit will be restored to its full functionality.

FEATURES AND FUNCTIONS

Use the remote control's keys to perform actions described below (see the following key chart).



When a valid TV code is programmed the **POWER** key will turn on or off the TV.



Use **SET** for all programming sequences.



Use **INFO** to display current channel information.



Use the keypad (0 ~ 9) to directly select the channels (e.g., 09 or 031).



Use **ENTER** to directly tune to a channel (e.g. 1-0-9 Enter).



Use **LAST** to recall the last channel.



Use **LANG** to switch between different languages and audio options, when available on the Digital Adapter.



Use **CH+** (or **CH-**) to select the next higher (or lower) channel.



Use **VOL+** (or **VOL-**) to raise (or lower) the sound volume on the Digital Adapter. When a valid TV code is programmed these keys will operate the TV's volume control.



Press **MUTE** once to turn sound off or on.

PROGRAMMING TV CONTROL

The Comcast Digital Adapter remote control is pre-programmed at the factory to operate the Digital Adapter. The Comcast Digital Adapter remote also contains a universal TV library to allow you to control the Power and Volume of your TV.

1. Turn on the TV
NOTE: Please read steps 2 to 4 completely before proceeding. Highlight or write down the codes and device you wish to program before moving on to step 2.
2. Press and hold **SET** until the **Red Light** blinks twice, then release **SET**.
3. Locate the code for your device in Manufacturer's Codes on the back of this user guide. Brands are listed in alphabetical order with the most popular codes listed first.
4. Enter the first five-digit code for your TV. If you perform this procedure correctly, the **Red Light** will blink twice

NOTE: If you enter an invalid code, the red light will display one long blink and exit the programming mode. Repeat steps 2 to 5 with a valid code.

5. Aim the remote control at your TV and press **Power** once. The device should turn off. If it does not respond, repeat steps 2 to 4, trying each code listed for your brand until you find one that works. If it still does not work, try Searching For Your Code.
6. For future reference, write your TV code below:

TV Code:

□ □ □ □ □

SEARCHING FOR YOUR CODE

If your brand of TV does not respond to the remote control after trying all of the codes listed, or if your brand is not listed at all, try searching for your code.

1. Turn on your TV.
2. Press and hold **SET** until the **Red Light** blinks twice, then release **SET**.
3. Enter in **9 - 9 - 1**. The **Red Light** will blink twice.
4. While pointing the remote control at the TV and press and release the **CH +** key until the TV turns off. (Note: You may need to press **[CH+]** numerous times).

NOTE: In the search mode, the remote control will send IR codes from its library to the TV.

5. Press **SET** once to lock in the code. The **Red Light** will blink twice.

CHECKING THE CODES

If you have set up the remote control using the Searching For Your Code procedure, you may need to find out which five-digit code is operating your TV. Perform the following steps after setting up your TV to find out which five-digit code operates your TV.

1. Press and hold **SET** until the **Red Light** blinks twice, then release **SET**.
2. Enter in **9 - 9 - 0**. The **Red Light** will blink twice.
3. To view the code for the first digit, press **1** once. Wait 3 seconds and count the number of times the **Red Light** blinks (e.g., 3 blinks =3) and write down the number in the left most TV Code box (at end of this section).
NOTE: If a code digit is "0", the red light will not blink.
4. Repeat step 3 four more times for the remaining digits. Use **2** for the second digit, **3** for the third digit, **4** for the fourth digit and **5** for the fifth digit. Finish writing down the code in the TV Code boxes (at end of this section).

TV Code:

□ □ □ □ □

CHANGING VOLUME LOCK

The Comcast Digital Adapter remote is set to control the volume level of the Digital Adapter. Once a valid TV code is programmed the volume keys will operate the volume of the TV.

However, you may change the Volume Lock setting to regain volume control of the Digital Adapter as follows:

Changing Volume Lock from TV to the Digital Adapter :

1. Press and hold **SET** until the **Red Light** blinks twice, then release **SET**.
2. Enter in **9 - 9 - 3** (The **Red Light** will blink twice after the 3).
3. Press and release the digit **1** (The **Red Light** will blink 4 times after the 1).

Changing Volume Lock from Digital Adapter to the TV:

1. Press and hold **SET** until the **Red Light** blinks twice, then release **SET**.
2. Enter in **9 - 9 - 3** (The **Red Light** will blink twice after the 3).
Note: If a valid TV code is not programmed the **Red Light** will display one long blink.
3. Press and release the digit **2** (The **Red Light** will blink 2 times after the 2).

TROUBLESHOOTING

PROBLEM: During programming, the Red Light displays one long blink.

SOLUTION: An invalid entry has occurred. Check the key to be entered and try programming again.

PROBLEM: The Red Light blinks when you press a key, but Digital Adapter and TV do not respond.

SOLUTION: Make sure the remote control is aimed at your Digital Adapter and TV and is not farther than 15-feet away.

PROBLEM: When using the volume lock sequence or code verification, the Red Light displays one long blink.

SOLUTION: The long blink indicates that a valid TV code has not been programmed.

PROBLEM: The audio output on the TV is not in the right language.

SOLUTION: Press the Language (LANG) key to change the audio option back to the preferred language.

SETUP CODES FOR TV'S

3M	10737, 11616, 11655
A-Mark	10003
Abex	10032
Aiko	10092
Accurian	11803
Action	10873
Admiral	10093, 10463
Advent	10761, 10783, 10815, 10817, 10842, 11933
Adventura	10046
Aifron	10891
Aiko	10092
Aiwa	10701, 11914
Akai	10812, 11675, 10060, 10702, 10030, 10098, 10672, 11207, 11385, 11676, 11688, 11689, 11692, 11935
Alaron	10179, 10183, 10216
Albatron	10843
Ambassador	10177
America Action	10180
Ampro	10751
Anam	10180
Anam National	10055
AOC	10030
Aomni	11623
Apex Digital	10156, 10748, 10879, 10765, 10890, 11217, 11991
Archer	10003
Astar	11531, 11738
Audiovox	10451, 10180, 10092, 10003, 10802, 10846, 10875, 11284, 11951, 11952
Aurora Systems	10801
Aventura	10171
Belcor	10019
Bell & Howell	10154, 10016
BenQ	11032, 11315
Bradford	10180
Brilliant	11007, 11257, 11258
Brockwood	10019
Broksonic	10236, 10463
Bush	10355
Byd-sign	11309
Cadia	11283
Candle	10030, 10046, 10056, 10186
Canon	10793, 11396
Carnivale	10030
Carver	10054, 10170
Casio	10611, 11205
CCE	10217, 10329
Celebrity	10000
Celera	10765
Changhong	10765
Cinego	11986
Citizen	10060, 10030, 10092, 10046, 10056, 10186, 10280, 10561, 11669, 11671, 11672, 11928, 11935
Clarion	10180
Classic	11984
Coby	12017
Commercial Solutions	10047
Compaq	10749
Concerto	10056
Contec	10180
Craig	10180
Crosley	10054
Crown	10180
Curtis Mathes	10047, 10054, 10154, 10451, 10093, 10060, 10702, 10030, 10145, 10166, 10016, 10056, 10466, 10747, 11919
CXC	10180
CyberHome	10794
Cytron	11326, 12003
Daewoo	10451, 10092, 10019, 10066, 10067, 10091, 10661, 10672, 11909, 11928
Daytron	10019
Dell	11264, 11080, 11178, 11403
Delta	11369
Denon	10145, 10511
Diamond Vision	11801, 11996
Digistar	11565
Digital Lifestyles	11765, 11822
Digital Projection Inc.	11482, 11725, 11726, 11750
Dream Vision	11297
Dumont	10017
Durabrand	10463, 10180, 10178, 10171, 11034, 10003
Dwin	10093, 10720, 10747, 10774
Dymatech	10049
Dynex	11463, 11780, 11785
Eiki	10735
Electroband	10000
Electrograph	11755, 11623
Electrohome	10463, 10446, 11570, 11670, 11672, 11760, 11761
Element	11687
Emerson	10154, 10451, 10236, 10463, 10180, 10178, 10171, 11963, 11928, 11913, 11911, 11909, 11905, 11665, 10282, 10280, 10270, 10183, 10181, 10179, 10177, 10038, 10019
Emprex	11422, 11546, 11765
Envision	10030, 10813, 11365
Epson	11122, 11290
Erae	11222
ESA	10812, 10171, 11963
Fisher	10154, 10159
Fujitsu	10179, 10186, 10683, 10853, 12008
Funai	10180, 10171, 10179, 11904, 11963
Futuretech	10180
Gateway	11755, 11001, 11756

GE	10047, 10051, 10451, 10178, 10021, 10027, 10029, 10055, 10135, 10279, 10282, 10747, 11907, 11919, 11922
Gibraltar	10017, 10030, 10019
Go Video	10886, 11823, 11831
GoldStar	10178, 10030, 10002, 10019, 1032
Goodmans	10360
Gradiente	10392
Grundig	10683
Grumpy	10180, 10179
H & B	11366
Haier	11034, 10768, 11009
Hallmark	10178
Hanns.G	11783
Hannspree	11348, 11745, 11783
Harley Davidson	10043, 10179, 11904
Harman/Kardon	10054, 10078
Harvard	10180, 10068
Havermy	10093
Helios	10865
Hello Kitty	10451
Hewlett Packard	11494, 11088, 11089, 11101
Hisense	10748, 11660
Hitachi	10145, 12243, 12143, 11904, 11345, 10797, 10737, 10724, 10723, 10413, 10279, 10227, 10173, 10151, 10097, 10095, 10056, 10038, 10032, 10016
Hyundai	10849, 11219, 11294
I-Inc	11746
iLo	11286, 11603, 11665, 11684, 11990
Infinity	10054
Infocus	10736, 10738, 10741, 10781, 11516
Initial	11990
Insignia	10171, 11204, 11326, 11517, 11641, 11780, 11892, 11963, 12002
Inteq	10017
IX	10877
Janeil	10046
JBL	10054
JCB	10000
Jensen	10761, 10050, 10817, 11299, 11933
JVC	10053, 10036, 10160, 10169, 10731, 11349
Kamp	10216
Kawasho	10216, 10308
Kaypani	10052
KDS	11687
KEC	10180
Kenwood	10030, 10019
KLH	10765, 10767
Kloss	10024, 10046, 10078
Knoll Systems	10781
Konka	10632, 10638, 10707, 11385, 11831, 11939
Kost	11262, 11483
Kreisen	10876, 11474
KTV	10180, 10030, 10183, 10217, 10280
LG	11265, 10178, 10442, 10856, 11178, 11530, 11637, 11934
Lloyd's	11904
Loewe	10136
Logik	10016
Luce	10837, 11031
Luxman	10056
LXI	10047, 10054, 10154, 10156, 10178, 10747
Magnavox	11866, 10054, 10030, 10706, 11990, 11963, 11913, 11904, 11525, 11365, 11198, 10802, 10230, 10187, 10186, 10179, 10096, 10036, 10028, 10024, 10020

Magnin	11907
Majestic	10015, 10016
Marantz	10054, 10030, 10704, 10854, 11398, 11554
Matsushita	10250
Maxent	11755, 11714, 11757
MB Quart	11868
Megatron	10178, 10145, 10003
Memorex	10154, 10463, 10150, 10178, 10016, 10179, 10877, 11570, 11911, 11920
MGA	10150, 10178, 10030, 10019, 10155, 11907
Micro	11436
Midland	10047, 10017, 10051, 10032, 10135, 10747
Mintek	11603, 11990
Minutz	10021
Mitsubishi	11250, 10093, 10150, 10178, 10014, 10019, 10098, 10155, 10331, 10358, 10592, 10836, 10868, 11278, 11392
Monivision	10843
Motorola	10093, 10055, 10835
Moxell	10835
MTC	10060, 10030, 10019, 10049, 10056, 10091, 10216
Multitech	10180, 10049, 10217
NAD	10156, 10178, 10037, 10056
Nakamichi	11493
Naxa	11998
NEC	10030, 10019, 10036, 10056, 10170, 10434, 10455, 10497, 10882, 11398, 11704, 11797, 12026
NetTV	11755
Nikko	10178, 10030, 10092
Niko	11581
Noblex	10430
Norcent	10748, 10824, 11089, 11365, 11590, 11591
Norwood Micro	11286, 11296, 11303
Noshi	10018
NTC	10092
NuVision	11657
Olevia	11144, 11240, 11331
Olympus	11342
Onwa	10180
Optimus	10250, 10154, 10166, 11913
Optoma	10887, 11348, 11674
Optonica	10093, 10165
Orion	10236, 10463, 11463, 10179, 11905, 11911
Panasonic	10250, 10051, 10055, 10162, 10226, 10375, 11310, 11410, 11919
Penney	10047, 10156, 10051, 10060, 10178, 10030, 11919, 11907, 10747, 10309, 10149, 10135, 10110, 10032, 10027, 10021, 10019, 10018, 10003, 10002
Philco	10054, 10030, 10019, 10020, 10028, 10096, 10302
Philips	10054, 10037, 10690, 11483
Pilot	10030, 10019
Pioneer	10166, 10038, 10172, 11398
Planar	11496
Polaroid	10765, 12063, 12002, 11991, 11962, 11769, 11767, 11766, 11762, 11687, 11565, 11538, 11385, 11341, 11328, 11327, 11326, 11316, 11314, 11286, 11276, 11262, 10865, 11385
Portland	10092, 10019
Prism	10051
Proscan	10047, 10466, 10747, 11922
Prima	10761, 10817, 11389, 11785, 11933
Proton	10178, 10003, 10031, 10052, 10466
Protron	11320, 11323

TV CODES CONTINUED

Proview	10835, 11687
Pvision	11222
Pulsar	10017, 10019
Puneet	11546
Pvision	11222
Quasar	10250, 10051, 10055, 10165, 10219, 11919
RCA	10047, 12002, 11953, 11948, 11922, 11919, 11907, 11781, 10747, 10278, 10254, 10135, 10090, 10038, 10029, 10019, 10018
Realistic	10154, 10180, 10178, 10030, 10019, 10032, 10056, 10165
RevolutionHD	11623
Rhapsody	10183, 10216
Runco	10017, 10030, 10497, 10612, 11398, 11629
Sampo	11755, 10030, 10032, 10052, 10100, 10110, 11597
Samsung	10812, 10060, 10702, 10178, 10030, 11959, 11632, 11575, 11060, 10814, 10766, 10587, 10482, 10427, 10408, 10329, 10217, 10056, 10032, 10019
Sansui	10463, 11409, 11904, 11911, 11935
Sanyo	10154, 10088, 10146, 10159, 10232, 10484, 10735, 10798, 10799, 11907
Sceptre	10878, 11217, 11360, 11599
Scimitsu	10019
Scotch	10178
Scott	10236, 10180, 10178, 10019, 10179, 10309, 11711
Sears	10047, 10054, 10154, 10156, 10178, 10171, 10015, 10056, 10146, 10149, 10159, 10168, 10179, 10747, 11007, 11904
Seleco	10737, 11297
Sharp	10093, 10153, 10165, 10398, 10491, 10851
Sharper Image	11950
Sheng Chia	10093
Sherwood	11399
Shogun	10019
Signature	10016
Signet	10800, 10844, 11262
SIM2 Multimedia	11297
Simpson	10186, 10187
Skyworth	11799
Solarism	11220
Sole	10813, 11031, 11366, 11377, 11483, 11530, 11623, 12075, 12076
Sony	10000, 10011, 10273, 10353, 10834, 11317, 11400, 11685, 11786, 11791, 11904, 11925
Soundesign	10180, 10178, 10179, 10186
Sova	11320, 11952
Soyo	11546, 11746, 11824, 11826, 11828, 11830, 11831
Spectricon	10003, 10137
Spectroniq	11687
Squareview	10171
SSS	10180, 10019
Starlite	10180
Studio Experience	10843
SunBrite	11420, 11435
Superscan	10093, 10864
Supre-Macy	10046
Supreme	10000
SVA	10748, 10587, 10768, 10865, 10871, 10872
Sylvania	11864, 10054, 10030, 10171, 10020, 10028, 10065, 10096, 11314, 11665, 11963
Symphonic	10180, 10171, 11904, 11913
Syntax	11610, 11144, 11240
Tandy	10093, 10218

Tashiko	10588
Tatung	10003, 10049, 10055, 11101, 11286, 11287, 11288, 11361, 11503, 11756
Technics	10250, 10051
Technol Ace	10179
Techview	10847, 12004
Techwood	10051, 10003, 10056
Teknika	10054, 10180, 10150, 10060, 10092, 10016, 10019, 10056, 10175, 10179, 10186, 10312, 10322
Telefunken	10702, 10056, 10101
Telemagic	10735
Tera	10031
Thomas	11904
Thomson	10209, 10210, 10625
TMK	10178, 10056, 10177
TNGi	10017
Toshiba	10154, 10156, 11265, 10060, 10036, 10149, 10736, 10832, 11343, 11369, 11704, 11935
TruTech	11723, 12066
TVS	10463
Ultra	10391, 11323
Universal	10027
US Logic	11286, 11303
Vector Research	10030
Venturer	11865
VEOS	11007
Victor	10053
Video Concepts	10098
Vidikron	10054, 10242, 11398, 11629
Vidtech	10178, 10019, 10036
Viewsonic	11755, 10724, 10775, 10797, 10857, 10864, 10885, 11330, 11342, 11578, 11627, 11742, 12014
Viking	10046, 10312
Viore	11207, 11684, 11811
Visart	11336
Vizio	11758, 10864, 10885, 11756
Wards	10054, 10178, 10030, 10016, 10019, 10020, 10021, 10027, 10028, 10029, 10056, 10096, 10165, 10179, 10202
Waycon	10156
Westinghouse	10000, 10451, 10885, 10889, 10890, 11282, 11577
White Westinghouse	10463, 11909
WinBook	11381, 11503
Wyse	11365
Xococo	11469
Yamaha	10030, 10019, 10797, 11407
Zenith	10017, 10463, 11265, 10178, 10092, 10016, 11904, 11909, 11911
Zonda	10003

LCD TV'S

Accurian	11803
Action	10873
Akai	11675, 11676, 11688, 11689, 11692, 11935
AOC	11365
Aomni	11623
Apex Digital	10890, 11217
Astar	11531, 11738
Audiovox	10180, 10802, 10846, 10875, 11284, 11951, 11952
BenQ	11315
Byd:sign	11309
Cadia	11283
Casio	11205
Citizen	11669, 11671, 11672, 11935
Coby	12017
CyberHome	10794
Dell	11264, 11080, 11178
Digital Lifestyles	11765, 11822
Dyne	11780
Element	11687

Emerson	11963
Emprex	11422, 11546, 11765
Envision	10813, 11365
Funai	10171
Go Video	10886, 11823, 11831
H & B	11366
Hanns.G	11783
Hannspree	11348, 11745, 11783
Hewlett Packard	11088
Hisense	11660
HP	11088
Hyundai	10849, 11219, 11294
I-Inc	11746
iLo	11286, 11603, 11684, 11990
Initial	11603, 11990
Insighia	11204, 11517, 11780, 12002
IX	10877
Jensen	11299
Konka	11831
Kost	11262
Kreisen	10876, 11474
LG	10856, 11178
Magnavox	11866, 10802, 11198, 11365, 11990
Maxent	11755, 11714, 11757
MB Quart	11868
Micro	11436
Mintek	11603, 11990
Mitsubishi	11250
NEC	11797, 12026
Niko	11581
Norcent	11365, 11591
Norwood Micro	11286, 11296
NuVision	11657
Olevia	11610, 11144, 11240
Philips	11483
Planar	11496
Polaroid	11262, 11276, 11316, 11341, 11538, 11687, 11762, 11766, 11767, 11769, 12063
Prima	11785
Protron	11320, 11323
Puneet	11546
RCA	10047, 11781
RevolutionHD	11623
Runco	11629
Sampo	11755, 11597
Samsung	10812, 10766, 10814, 11575, 11632
Sansui	11409
Sceptre	10878, 11217, 11360, 11599
Scott	11711
Sharp	10093
Sherwood	11399
Signet	11262
Skyworth	11799
Solarism	11220
Sole	11031, 11366, 11377, 11483, 11530, 11623, 12075, 12076
Sony	11685, 11786, 11791
Sova	11320
Soyo	11546, 11746, 11824, 11826, 11828, 11830, 11831
SunBrite	11420, 11435
Superscan	10864
SVA	10587, 10871
Sylvania	11864, 10171, 11314
Symphonic	10171
Syntax	11610, 11144, 11240
Tatung	11286
Techview	10847, 12004
Toshiba	11343
TruTech	11723
Ultra	11323
US Logic	11286
Venturer	11865
Vidikron	11398, 11629
Viewsonic	10857, 10864, 10885, 11330, 11578, 11627, 11742, 12014

Viore	11684, 11811
Visart	11336
Vizio	11758, 10864, 10885, 11756
Westinghouse	10885, 10889, 10890, 11282, 11577
WinBook	11381, 11503
Wyse	11365
Zenith	11265

PLASMA TV'S

Akai	10812, 11675, 11207, 11688
Albatron	10843
AOC	11590
Aomni	11623
BenQ	11032
Daewoo	10661
Dell	11264
Delta	11369
Electrograph	11755, 11623
Erae	11222
ESA	10812
Fujitsu	10186, 10683, 10853, 12008
Gateway	11755, 11001, 11756
H & B	11366
Helios	10865
Hewlett Packard	11089
Hitachi	10797, 12143, 12243
HP	11089
iLo	11684
JVC	10731
LG	10178, 10856
Magnavox	11866
Marantz	10704, 11398
Maxent	11755, 11757
Mitsubishi	10836
Monivision	10843
Motorola	10835
Moxell	10835
Nakamichi	11493
NEC	11398, 11704
NetTV	11755
Norcent	10824, 11089, 11590
Norwood Micro	11303
Panasonic	10250
Philips	10690
Pioneer	11398
Polaroid	10865, 11276, 11327, 11328
Prima	11785
Proview	10835
Puneet	11546
Pvision	11222
RevolutionHD	11623
Runco	11398
Sampo	11755, 11597
Samsung	10812, 11632
Sole	11623
Sony	10000, 11317
Studio Experience	10843
SVA	10865
Tatung	11101, 11287, 11288, 11756
Toshiba	11704
US Logic	11303
Viewsonic	11755, 10797
Viore	11207, 11684
Vizio	11758, 11756
Yamaha	10797
Zenith	10178

ADDITIONAL INFORMATION

The Comcast Digital Adapter remote control does not have any user service-able parts. Opening the case, except for the battery cover, may cause permanent damage to your remote control.

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