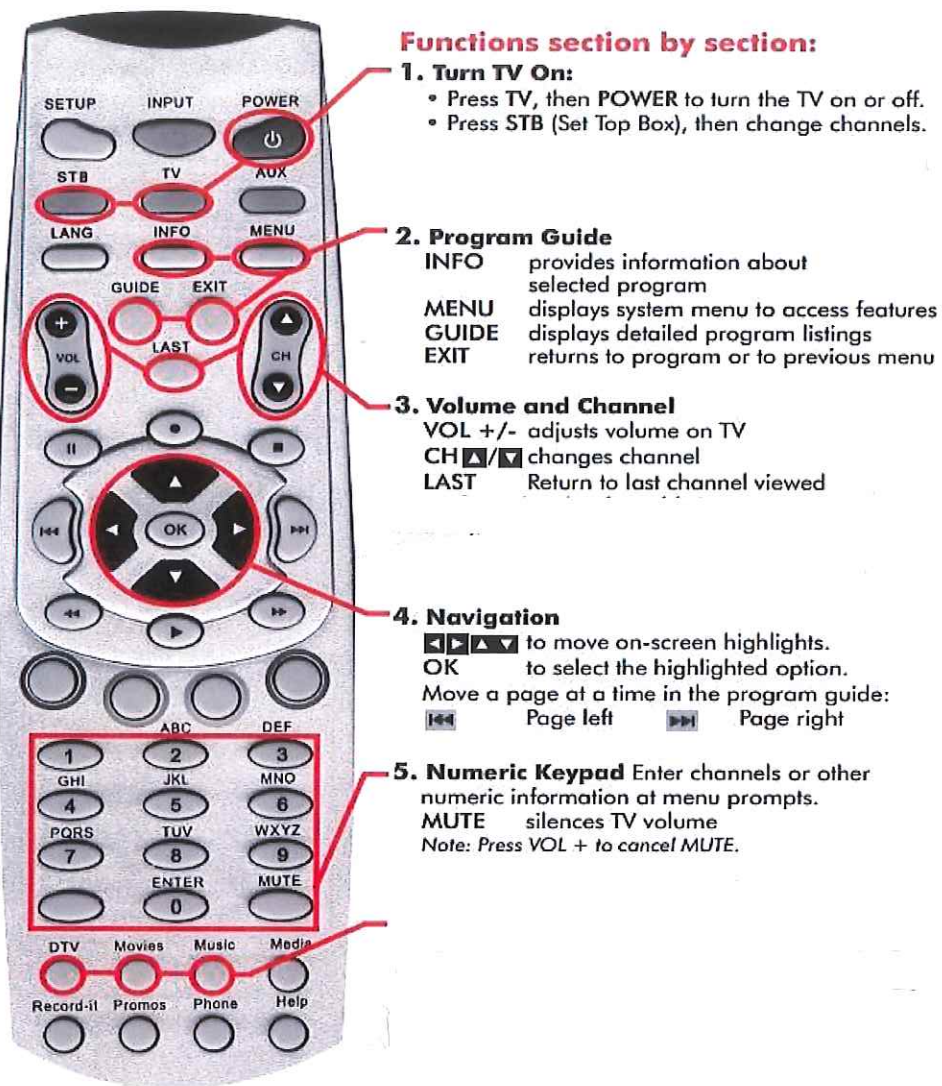


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Determining Remote Type – Standard or 3.8

It is important to determine whether your Remote is a **standard model** or a **V3.8 model**. In order to find out which model you have, please turn your remote over and consult the list of numbers beneath the bar code.

- If your remote does **not** have "V3.8" listed you have a **standard model**. Please use the programming codes on pages 6-9 of this manual.
- If your remote has "V3.8" after the 9-digit code as displayed below you have a **V3.8 model**. Please use the programming codes on pages 10-14 of this manual.



Programming Entone Remote to TV:

Step 1: Make sure your TV is on.

Step 2: Determine which brand of TV you have.

Step 3: Determine your remote type by referring to page 3.

Step 4: Determine your TV code by referring to page 6-9 for standard remotes and pages 10-14 for V3.8 remotes. Begin with the **"Most Common"** code number from the list.

Step 5: Push the **"TV"** button once.

- Did the button flash green under your finger? If yes, continue to Step 6.
- If the button did not flash green under your finger, please press it again. If it does not flash, please check the batteries in your remote and verify that they are installed properly. Repeat step 5.

Step 6: Press and hold the **"SETUP"** button on the top left corner until the **"TV"** button flashes twice and release.

- Is the **"TV"** button solid green? If yes, continue to Step 7.
- If the **"TV"** button is not solid green, hit the **"OK"** button in the middle of the remote and start at Step 5.

Step 7: Please enter the code for your TV that you located from the list below.

- The **"TV"** button should flash twice and go off if the code was accepted. If the code was accepted, proceed to Step 8.
- If the **"TV"** button flashes several times, the code was not accepted. Please restart setup process starting at Step 5.

Step 8: Check the volume control and/or power.

- Did it work? If yes, proceed to Step 9.
- If the volume control and/or power did not work, repeat setup starting at Step 5.

Step 9: Press the **"STB"** button. You should be able to change channels using your remote at this point.

Programming Remote to TV by Scanning Codes:

Step 1: Make sure your TV is on.

Step 2: Push the "TV" button once.

- Did the button flash green under your finger? If yes, continue to Step 3.
- If the button did not flash green under your finger, please press it again. If it does not flash, please check the batteries in your remote and verify that they are installed properly. Return to Step 2.

Step 3: Press and hold the "SETUP" button on the top left corner until the "TV" button flashes twice and release.

- Is the "TV" button solid green? If yes, continue to Step 4.
- If the "TV" button is not solid green, hit the "OK" button in the middle of the remote and start at Step 2.

Step 4: Press the "POWER" button and the "CH"  arrow." The TV button should flash once every 5 seconds.

- Is the "TV" button flashing once every 5 seconds? If yes, the TV will shut off when it determines the appropriate code. Press the "OK" button to lock the code in. Continue to Step 5.
- If the "TV" button is not flashing once every 5 seconds, press the "OK" button and return to Step 2.

Step 5: Press the "STB" button. You should be able to change channels using your remote at this point.

Power Button Functionality

To switch off either or both the TV and/or Set Top Box, please follow the steps below:

Step 1: Press and hold the "STB" mode key for 5s. The "STB" device mode key backlight will illuminate.

Step 2: Press the "POWER" key once. Then follow your preferred choice below.

- To control both the Set Top Box and TV, press 1 OR
- To control the Set Top Box ONLY, press 0 (NOTE: In the programming mode if no key is received within 30 seconds, the device mode key backlight will blink rapidly for 7 times to indicate an error and the programming mode will end)

Programming Codes for Standard Remotes

Please use this table to locate the brand of your TV.

- If there is a code listed in the "Most Common" category, please try to program using that code first.
- If there is not a "Most Common" code listed, please try to program using the "Available Codes" category.

TV Brand	Most Common	Standard Remote Codes
Admiral	0099	0001, 0099
Adventura		0100
Aiko		0015
Aiwa		0034
Akai		0002
Alleron		0044
Amtron		0036
Anam National		0003, 0036
AOC		0004, 0005
Apex		0074, 0111, 0119
Audiovox		0035
Auria		0003, 0004, 0005
Bell & Howell		0001, 0045
Benq		0042
Bradford		0036
Broksonic		0114, 0121
Candle		0004, 0007, 0100
Celebrity		0002
Citizen		0004, 0007, 0015, 0036, 0073, 0097
Colortyme		0004
Concerto		0004
Contec/Cony		0011, 0012, 0036
Craig		0036
Crown		0036, 0053
Curtis Mathes		0000, 0004, 0014, 0045, 0073, 0097
CXC		0036
Daewoo		0004, 0005, 0013, 0015, 0016, 0097, 0106
Daytron		0004, 0097
Dell		0141, 0142, 0146
Dimensia		0000
Dynex		0107
Electroband		0002
Electrohome		0002, 0003, 0004, 0018, 0021
Emerson	0024	0004, 0011, 0013, 0024, 0025, 0031, 0033, 0036, 0044, 0045, 0080, 0097, 0102, 0107
Envision		0004

TV Brand	Most Common	Standard Remote Codes
Fisher		0043, 0045, 0047, 0103
Fujitsu		0044
Funai		0036, 0044
Futuretech		0036
GE		0000, 0003, 0004, 0008, 0021, 0048, 0049, 0063, 0068, 0070, 0144
Goldstar		0004, 0005, 0011, 0018, 0050, 0090, 0091, 0097, 0098
Grunpy		0036, 0044
Hallmark		0004
Harvard		0036
Hisense		0112
Hitachi	0030	0004, 0011, 0012, 0030, 0051, 0084, 0085, 0086, 0102, 0133
IMA		0036
Infinity		0053
Insignia	0084, 0107	0084, 0107
Janeil		0100
JBL		0053
JC Penney		0000, 0004, 0005, 0007, 0012, 0021, 0048, 0049, 0058, 0063, 0068, 0072, 0073, 0075, 0097, 0098
JCB		0002
Jensen		0004
JVC	0080	0011, 0012, 0026, 0049, 0054, 0055, 0080, 0117
Kawasho		0002, 0004
Kenwood		0004, 0018
Kloss Novabeam		0036, 0056, 0057, 0100
KTV		0036, 0097
LG	0018	0005, 0018,
Loewe		0053
Logik		0001
Luxman		0004
LXI		0000, 0004, 0045, 0053, 0058, 0068, 0075
Magnavox	0053, 0147	0004, 0007, 0018, 0053, 0056, 0057, 0059, 0060, 0110, 0147
Majestic		0001
Marantz		0004, 0051, 0053

Megatron		0004, 0051
Memorex		0001, 0004, 0005, 0022, 0045
MGA		0004, 0005, 0018, 0021, 0047, 0061
Midland		0049, 0068, 0097, 0098
Minutz		0048
Mitsubishi	0005	0004, 0005, 0018, 0021, 0032, 0047, 0061
Montgomery Ward		0001
Motorola		0003, 0099

MTC		0004, 0005, 0073
TV Brand	Most Common	Standard Remote Codes
Multitech		0036
NAD		0004, 0058, 0075, 0085
NEC		0003, 0004, 0005
Nikko		0004, 0015
NTC		0015
Olevia	0079	0079
Onwa		0036
Optimus		0085
Optonica		0064, 0099
Orion	0023	0023, 0033, 0107
Panasonic	0047, 0096, 0140, 0152	0003, 0047, 0049, 0053, 0096, 0123, 0140, 0152
Philco		0003, 0004, 0005, 0007, 0011, 0018, 0053, 0056, 0057, 0059
Philips	0148	0003, 0007, 0011, 0017, 0018, 0053, 0056, 0057, 0059, 0063, 0095, 0126, 0129, 0148,
Philips Magnavox		0148
Pilot		0097
Pioneer		0004, 0085, 0102
Polaroid	0090	0090
Portland		0004, 0005, 0015, 0097
Price Club		0073
Prima		0113
Prism		0049
Proscan		0000, 0008, 0068
Proton		0004, 0011

Quasar	0049	0003, 0039, 0049, 0062, 0069
Radio Shack		0000, 0045
Radio Shack/Realistic		0004, 0011, 0036, 0045, 0064, 0097, 0098
RCA	0000, 0004, 0018, 0076	0000, 0003, 0004, 0005, 0008, 0018, 0028, 0052, 0065, 0067, 0068, 0071, 0076, 0082, 0102, 0104, 0106, 0108, 0115, 0151
Realistic		0000, 0045
Sampo		0004, 0097, 0098, 0120
Samsung	0019, 0042	0004, 0005, 0011, 0014, 0018, 0019, 0042, 0072, 0073, 0078, 0094, 0097, 0098
Sansui	0023	0023, 0107, 0122
Sanyo	0045, 0070	0045, 0070, 0103
Sceptre	0036	0036
Scotch		0004
Scott		0004, 0011, 0033, 0036, 0044
Sears		0000, 0004, 0012, 0018, 0044, 0045, 0047, 0055, 0058, 0068, 0075, 0103, 0105
Sharp	0009, 0153	0004, 0009, 0011, 0025, 0064, 0077, 0092, 0097, 0099, 0153
Signature		0001
TV Brand	Most Common	Standard Remote Codes
Simpson		0007
Sony	0002	0002, 0109
Soundesign		0004, 0007, 0036, 0044
Squareview		0105
SSS		0036
Starlite		0036
Supre-Macy		0100
Supreme		0002
Sylvania	0150	0004, 0007, 0018, 0027, 0053, 0056, 0057, 0059, 0060, 0124, 0145, 0150
Symphonic		0024, 0031, 0036, 105
Tandy		0099
Tatung		0003
Technics		0049
Techwood		0004, 0049
Teknika		0001, 0004, 0005, 0007, 0011, 0012, 0015, 0036, 0044, 0060, 0073, 0096, 0097

TMK		0004
Toshiba	0053, 0101	0006, 0045, 0058, 0073, 0075, 0079, 0083, 0087, 0093, 0101
Totevision		0097
Trutech	0004	0004
Universal		0048, 0063
Victor		0055
Vidtech		0004, 0005
Viking		0100
Vizio	0018	0018
Wards		0000, 0001, 0004, 0005, 0018, 0031, 0044, 0048, 0053, 0056, 0057, 0059, 0060, 0063, 0064
White Westinghouse	0002	0002, 0013
Yamaha		0004, 0005, 0018
Zenith	0081	0001, 0081, 0089, 0118, 0125

Programming Codes for V3.8 Remotes

Please use this table to locate the brand of your TV.

- If there is a code listed in the "Most Common" category, please try to program using that code first.
- If there is not a "Most Common" code listed, please try to program using the "Available Codes" category.

TV Brand	Most Common	V3.8 Remote Codes
Admiral		0001, 0020
Adventura		0012
Aiwa		0071
Akai		0002, 0018, 0053
Albatron		0013
Alleron		0009
America Action		0023
Amtron		0008
Anam		0023
Anam National		0003, 0008
AOC		0004, 0005, 0006, 0018, 0080
Apex		0021, 0025, 0041
Audiovox		0008, 0023
Auria		0003, 0004, 0005, 0006, 0018

Aventura		0022
Bang & Olufsen		0031
Bellcor		0004
Bell & Howell		0001
Benq		0015, 0083
Bradford		0008, 0023
Brookwood		0004
Broksonic		0023, 0075
Candle		0004, 0006, 0012, 0018
Carnivale		0018
Carver		0019
CCE		0029
Celebrity		0002
Celera		0025
Changhong		0025
Citizen		0004, 0006, 0008, 0018
Clarion		0023
Coby		0076
Colortyme		0004, 0006
Concerto		0004, 0006
Contec		0023
Contec/Cony		0007, 0008

TV Brand	Most Common	V3.8 Remote Codes
Craig		0008, 0023
Crosley		0019
Crown		0008, 0023
CTX		0082
Curtis Mathes		0000, 0004, 0006, 0018, 0019, 0020, 0053
CXC		0008, 0023
Cytron		0085
Daewoo		0004, 0005, 0006, 0043
Daytron		0004, 0006
Dell		0065
DiamondVision		0032

Dimensia		0000
Dumont		0004, 0011, 0017
Durabrand		0016, 0022, 0023, 0045, ,
Dwin		0020
Dynex	0045	0045
Electroband		0002
Electrograph		0026
Electrohome		0002, 0003, 0004, 0006
Emerson		0004, 0006, 0007, 0008, 0009, 0022, 0023, 0043
Envision		0004, 0006, 0018
Epson		0004, 0006, 0018
ESA		0022
Fujitsu		0009
Funai		0008, 0009, 0022, 0023
Futuretech		0008, 0023
GE		0000, 0003, 0004, 0006, 0010, 0034, 0037, 0061
Gibraltar		0004, 0011, 0017, 0018
Goldstar		0004, 0005, 0006, 0007, 0018
Gradiente		0087
Grunpy		0008, 0009, 0023
Haier		0016, 0030
Hallmark		0004, 0006
Harman/Kardon		0019
Harvard		0008, 0023
Havermy		0020
Hewlett Packard		0072
Hisense		0091
Hitachi		0004, 0006, 0007
Hyundai		0014
IMA		0008
Infinity		0019

Insignia		0045, 0084,
TV Brand	Most Common	V3.8 Remote Codes
Inteq		0017

Janeil		0012
JBL		0019
JC Penney		0000, 0004, 0005, 0006, 0010
JCB		0002
Jensen		0004, 0006
JVC		0007, 0010, 0067
Kawasho		0002, 0004, 0006
KEC		0023
Kenwood		0004, 0006, 0018
KLH		0025
Klass Novabeam		0008, 0012
KTV		0008, 0018, 0023, 0029
LG		0004, 0005, 0013
Logik		0001
Luxman		0004, 0006
LXI		0000, 0006, 0019, 0021
Magnavox		0004, 0006, 0018, 0019, 0038, 0040, 0059, 0064, 0065
Majestic		0001
Marantz		0004, 0006, 0018, 0019, 0040
Matsushita		0024
Maxent		0026
Megapower		0013
MegaTron		0006
Memorex		0001, 0005, 0006, 0063
MGA		0004, 0005, 0006, 0018
Midland		0010, 0011, 0017
Mitsubishi		0004, 0005, 0006, 0020
Monovision		0013
Montgomery Ward		0001
Motorola		0003, 0020
MTC		0004, 0005, 0006, 0018
Multitech		0008, 0023, 0029
NAD		0006, 0021
NEC		0003, 0004, 0005, 0006, 0018
Net-TV		0026

Nikko		0006, 0018
Norcent		0080
Olevia		0073, 0079
Onwa		0008, 0023
Optimus		0024

Optonica		0020
Orion		0045
TV Brand	Most Common	V3.8 Remote Codes
Panasonic		0003, 0010, 0026, 0035, 0047
Penny		0018, 0021
Philco		0003, 0004, 0005, 0006, 0007, 0018, 0019
Philips		0003, 0004, 0007, 0019, 0038, 0040, 0065
Philips Magnavox		0038
Pilot		0004, 0018
Pioneer		0004, 0006
Polaroid		0025, 0077
Portland		0004, 0005, 0006
Prima		0086
Princeton		0013
Prism		0010
Proscan		0000
Proton		0004, 0006, 0007
Protron		0074
Proview		0090
Pulsar		0004, 0011, 0017
Quasar		0003, 0010, 0024
Radio Shack		0018, 0023
Radio Shack/Realistic		0000, 0004, 0006, 0007, 0008
RCA		0000, 0003, 0004, 0005, 0006, 0033, 0037, 0044, 0057
Realistic		0018, 0023
Runco		0011, 0017, 0018
Sampo		0004, 0006, 0018, 0026
Samsung	0042	0004, 0005, 0006, 0007, 0018, 0029, 0042, 0053, 0054

Sansui		0045
Sanyo	0070	0004, 0070
Scotch		0006
Scott		0004, 0006, 0007, 0008, 0009, 0023
Sears		0000, 0004, 0006, 0009, 0019, 0021, 0022
Sharp	0020	0004, 0006, 0007, 0020, 0055
Sheng Chia		0020
Shogun		0004
Signature		0001
Sony	0002, 0039	0002, 0035, 0039, 0050, 0051, 0052, 0056
Soundesign		0004, 0006, 0008, 0009, 0023
Squareview		0022
SSS		0004, 0008, 0023
Starlite		0008, 0023
Superscan		0020
Supre-Macy		0012
Supreme		0002
TV Brand	Most Common	V3.8 Remote Codes
SVA		0030
Sylvania		0004, 0006, 0018, 0019, 0022
Symphonic		0008, 0022, 0023, 0063
Syntax		0073
Syntax-Brilliant		0073
Tandy		0020
Tatung		0003, 0027
Technics		0010, 0024
Techwood		0004, 0006, 0010,
Teknika		0001, 0004, 0005, 0006, 0007, 0008, 0009, 0019, 0023
Telefunken		0053
TMK		0004, 0006
TNCi		0017
Toshiba		0021, 0046, 0048, 0049, 0058, 0060, 0062, 0066
Vector Research		0018
Vidkron		0019
Vidtech		0004, 0005, 0006

Viewsonic		0026, 0078
Viking		0012
Vizio		0027, 0089
Wards		0000, 0001, 0004, 0005, 0006, 0009, 0018, 0019
Westinghouse		0069
White Westinghouse		0043
Yamaha		0004, 0005, 0006, 0018,
Zenith	0004	0001, 0004, 0011, 0017

Personal Quick Reference Guide

Below is a table for you to use as a reference for your television and remote codes. Use the first row to fill in up to four television locations throughout your home (i.e. Kitchen, living room, bedroom, etc.).

Television Location				
Television Brand				
Remote Type				
Remote Code				