



# AEP Premium Remote Control Programming Instructions Manual

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**V 1.0**





## Revision History

Date	Version	Author	Changes
12/5/19	0.1	R. Tatem, R. Pezeshki	V 0.1
4/26/21	0.2	A. Smith	Revised naming, procedure clarifications
5/6/21	0.3	A. Smith	Added table of TV codes for direct setup
6/28/21	1.0	A. Smith	Header edits. First published version.





# Premium Remote Programming Instructions

All instructions are given as if user was programming the remote from the default configuration, which is 'No TV Programmed' and Mode = 1.

## Resetting Remote Control to default configuration

Mode = 1 (Default)	
'No TV Programmed' configuration	
Code Type	Programmed State
TV Code	Not programmed
Remote Key	Behavior
Settings/Input Key	STB Settings
Volume Keys (VOL+/- and Mute)	STB Volume +/-, STB Mute
Power Key	STB Power
Other Keys	STB Keycodes

Instructions:

1. Hold <<INFO>> until LED blinks twice
2. Press <9><7><7>
3. Led will blink 4 times to indicate reset

## 'No TV Programmed' configuration – MPI/MTI

Use the 'No TV Programmed' configuration with Commercial TVs which support MPI/MTI\*. In this scenario, a proper MPI/MTI cable must be connected between the STB and the Commercial TV, and the TV must be configured for MPI/MTI mode. The STB will then control the TV power, volume +/-, and mute functions (Mode = 1 or 2), and optionally the TV input function (Mode = 2 only) via MPI/MTI.

In this configuration, the Settings/Input key on the remote can be optionally configured to provide either the STB Settings behavior (Mode = 1) or the TV Input behavior (Mode = 2). In Mode = 2, the STB will receive the STB Input Keycode when the Settings/Input key is pressed and will then send a TV Input command to the TV via MPI/MTI.

\*Note: MPI/MTI compatibility, cable type, and TV configuration vary by TV manufacturer and model. Desired operation should be verified prior to installation.



Mode = 1 (Default)		Mode = 2	
No TV Programmed Configuration		No TV Programmed Configuration	
<b>Code Type</b>	<b>Programmed State</b>	<b>Code Type</b>	<b>Programmed State</b>
TV Code	Not programmed	TV Code	Not programmed
<b>Remote Key</b>	<b>Behavior</b>	<b>Remote Key</b>	<b>Behavior</b>
Settings/Input Key	STB settings	Settings/Input Key	STB Input
Volume Keys (VOL+/- and Mute)	STB Volume +/-, STB Mute	Volume Keys (VOL+/- and Mute)	STB Volume +/-, STB Mute
Power Key	STB power	Power Key	STB Power
Other Keys	STB Keycodes	Other Keys	STB Keycodes
How to configure		How to configure	
Default initial state on the remote control. To switch to Mode = 1 from another Mode, press and hold <<OK+1>> until LED blinks twice.		Press and hold <<OK+2>> until LED blinks twice.	

## Programming TV code

When MPI/MTI is not used, the remote may be programmed with a TV code so that it will control the TV power, volume +/-, and mute functions and optionally the TV Input function by sending TV Keycodes for these keys. In this scenario, Mode = 1 should be used and there must be no MPI/MTI cable installed. A TV code may be programmed into the remote using either the Auto Search or Direct Code Setup procedures. Once a TV Code is programmed into the remote, additional steps are needed to set the Volume +/- and Mute control, and optionally the TV Input control.

Mode = 1	
TV Programmed Configuration	
<b>Code Type</b>	<b>Programmed State</b>
TV Code	Programmed
<b>Remote Key</b>	<b>Behavior</b>
Settings/Input Key (TV Input control not set)	STB settings
Settings/Input Key (TV Input control set)	TV Input
Volume Keys (VOL+/- and Mute)	TV Volume +/-, TV Mute
Power Key	STB power + TV Power



Other Keys	STB Keycodes
<b>How to program TV code (Auto Search)</b>	
<ol style="list-style-type: none"><li>1. Start with the remote in the default configuration</li><li>2. Turn ON the device that you wish to setup</li><li>3. Press and hold &lt;&lt;INFO&gt;&gt; until LED blinks twice.</li><li>4. Press &lt;2&gt;</li><li>5. Point the remote towards the device. Press and hold the Power key until the device turns OFF. Release the Power key as soon as the device turns OFF.</li><li>6. Press the Power key to device back ON.</li></ol>	
<b>How to program TV code (Direct Code Setup)</b>	
<ol style="list-style-type: none"><li>1. Start with the remote in the default configuration</li><li>2. Select a 5-digit code to setup for the TV from the table on page 7.</li><li>3. Press and hold &lt;&lt;INFO&gt;&gt; until LED blinks twice.</li><li>4. Press &lt;2&gt;</li><li>5. Enter 5-digit code.</li></ol>	
<b>Set VOL +/- and Mute keys to control the TV</b>	
<ol style="list-style-type: none"><li>1. Program a TV Code using either the Auto Search or Direct Code Setup procedure.</li><li>2. Press and hold &lt;&lt;INFO&gt;&gt; until LED blinks twice.</li><li>3. Press &lt;VOL +&gt;. LED will blink twice.</li></ol>	
<b>Set Settings/Input key for TV Input control</b>	
<ol style="list-style-type: none"><li>1. Program a TV Code using either the Auto Search or Direct Code Setup procedure.</li><li>2. Press and hold &lt;&lt;INFO&gt;&gt; until LED blinks twice.</li><li>3. Press &lt;9&gt;&lt;7&gt;&lt;8&gt;.</li><li>4. Press &lt;2&gt;.</li><li>5. Press &lt;Settings/Input&gt;.</li><li>6. Press &lt;1&gt;.</li><li>7. Press and hold &lt;&lt;INFO&gt;&gt; again until LED blinks twice.</li></ol>	



## Admin Settings Mode

Admin Settings Mode (Mode = 3) is used specifically to enable sending the STB Admin Settings Keycode to launch the Admin Settings application on the STB. This mode may be used whether a TV Code has been programmed into the remote or not. To use any other keys the remote must be put back to Mode = 1 or Mode = 2.

Mode = 3	
Remote Key	Behavior
Settings/Input Key	N/A
Volume Keys (VOL+/- and Mute)	N/A
Power Key	N/A
Other Keys	N/A
Guide Key	Admin Settings

**How to configure**  
Press and hold <<OK+3>> until LED blinks twice.

**Sending the Admin Settings Keycode**  
Press the Guide Key to access Admin Settings.

**Return to Mode = 1**  
Press and hold <<OK+1>> until LED blinks twice.

**Return to Mode = 2**  
Press and hold <<OK+2>> until LED blinks twice.



## Codes: TV Códigos: TV

888	14159	Haier	12309, 14398, 11749, 11748, 13382, 11753, 13429, 13987, 14797, 12690, 10876, 11570, 13204	Proscan	13577, 13382, 13717, 12183, 12256, 13332, 13636, 13895, 13953, 14494, 14495, 14035, 14053, 13939, 14483, 11447, 12746, 13429, 14093
Acer	11339	Hannspree	11348, 12786, 11351, 11745	Proview	11687
ad notam	14382	Harsper	11366	Pyle	12196, 12641
Advent	11570	HCI	14337	Pyle Home	12196
Affinity	13717, 13577, 13716	HealthCare Information	14337	QuantumFX	13593, 12337
Aiwa	11362	Helios	10865	Quasar	11291, 14207, 13899, 14367, 13382
Akai	11675, 11688, 11207, 11690, 12232, 14057	Hewlett Packard	11642, 13404	Qumi	11369
AOC	12769, 11589, 13720, 11365, 12014, 12087, 12621, 12479, 13707	Hidear	13817	RCA	11447, 12746, 12434, 13577, 14214, 12247, 13382, 13332, 13717, 11781, 12932, 13895, 12187, 13835, 14740, 13636, 13939, 13953, 12855, 14079, 14494, 14053, 12183, 14624, 10679, 13147, 14035, 14394, 14483, 14495, 14623, 11661, 13519, 14629, 12002, 13938, 14093, 11670, 14057
Aomni	11623	Hisense	13519, 14618, 14740, 12183, 11660, 14656, 11314, 15156, 14063, 14398, 14054, 15176, 13382	RevolutionHD	11623
Apex Digital	12397, 14347, 11217, 14350	Hitachi	11643, 10797, 13644, 11576, 14398, 14455, 13382, 11500, 12824, 13255, 10679, 12756	Runco	11398
Ario	12397	Hiteker	13118	Sampo	11755
Asus	13340	HKPro	13879, 12434	Samsung	12051, 13993, 13970, 12814, 12596
Atvio	13636, 13879	HP	11642, 13404	Sansui	11892, 13540, 11670, 14053, 13564, 14280, 11409, 13377, 13559
Atymio	12746	Hyundai	13418, 11219, 14618	Sanyo	11142, 11362, 14168, 14740, 12049, 11480, 13864, 13967, 11564
Audiovox	11865, 10875, 11564, 10846, 10802, 11276, 11769, 12121	iLo	11684, 11603, 11286, 11394	Sceptre	13899, 12337, 12528, 14886, 11217
Auria	14748, 12087, 12014, 12277	Infocus	11366	Seiki	13953, 14635, 12964, 13470, 13359, 13382, 14217, 14794, 15121
Avera	12397, 12049	Initial	11603	Seiko Epson	11122
Avol	12735, 14367, 13382, 13118	Insignia	12049, 14487, 13227, 11564, 11326, 11892, 12002, 11204, 11423, 11660, 11963	Seleco	11351
Axess	13593	iRIS	12189	Senior TV	14761
BenQ	11562, 11315, 11756	iSymphony	13429, 13382, 13118, 13094, 13863	Sens	11749, 11865Seura
Blu:sens	12735	JCM	12189, 12256	Sharp	14303, 14928
Broksonic	11892	Jensen	11326, 13204, 11299	Sherwood	12360, 14618, 14740, 13519, 14398, 11659, 11393, 13394, 14507, 14892
Calypso	14748	JVC	11774, 11601, 12118, 13393, 12321, 12271, 13650, 11570, 11670, 14367, 15182, 11892	Sigmat	11399, 13061
Champion	11362	KC	14182	Silo	13477, 13423
Changhong	14629, 12769	KDS	11687	Silo Digital	13794, 13899, 13477, 14182
Christie	14951	Kenmore	13953	SkyView	13794, 13899, 13477, 14182
Cineon	13951	Kingston	13284	Skyworth	14135, 12360
Citizen	11669, 11672	Klegg	11366	Sole	11623, 14549, 11366
Claris	13807	Kreisen	10876	Sony	10810, 14448, 14189, 11685
Clevertouch	15041	LeEco	14137	Soyo	11520
Coby	13478, 12315, 13627, 12306, 12344, 12314, 12345, 12349, 12338, 12326, 12340, 13629, 12350, 11538, 13202, 13493, 13646	Legend	12397, 12352, 11749, 12309	Spectroniq	11687
Commercial Solutions	11447	LG	11840, 13398, 12731, 11860, 11423, 12358, 14548, 13404, 13397, 12864, 14398, 11753	Speler	14105, 14041
Contex	14053	LG Alps	12358	SunBriteTV	12528, 12337, 11420, 11435, 11610
Cornea	13677	Lloyd's	13382	Supersonic	13593, 13154, 12104, 11753, 13595, 12784, 13204
Craig	13423	LodgingStar	13147	Supra	14057
Crosley	13115	MAG	11687	SVA	10865, 11963
Curtis	12855, 13577, 12466, 13895, 12352, 12397, 13939, 14035, 13636, 11326, 11314, 13154, 13382, 13595, 13717	Magnavox	13623, 11866, 12372, 11454, 11455, 11963, 11887, 13708, 11365, 11867, 11755, 10802, 11394	Sylvania	11864, 11963, 11886, 11394, 11314, 13332, 13577, 14053
Curtis Mathes	11661	Marantz	11398, 11454	Symphonic	11963, 11394
Cytron	11326	Maxent	11755	Syntax	11610, 11240, 11144, 11331
Daewoo	11661, 12266, 13115, 10661, 13183, 11376	Memorex	11570, 14686, 11670, 11892, 11687, 12739	Tatung	11286, 11756
Dell	11863, 11264	MicroTEK	13951	TCL	14398, 12434, 13183
DGM	11435	Mintek	11603	Technicolor	13577
Digital Lifestyles	11765	Mitsubishi	11250, 11797	Toshiba	11524, 12724, 13945, 14885, 13134, 12006, 11704, 11343, 11369
Digitrex	14207	Naxa	14093, 12104, 12735, 13154, 13382, 13423	Toshinaer	13576
Dianey	11892	NEC	13257, 11797, 11398, 11704, 13000, 10876, 14797, 13862, 12026	Upslar	14182, 14405, 13899
Dukane	11398	NetTV	11755, 12753	US Logic	11286
Durabrand	11570	Nexus	11554, 13519, 12183	V7 Videoseven	12087
Dynex	12049	Nexus Electronics	12183	Venturer	11865
Electric Mirror	13166	Niko	11745	Vidao	12387
Electrograph	11623, 11755	Norcent	11365, 11589, 11591, 11745	Videoseven	12087
Electrohome	11672, 11570, 11670	Norwood Micro	11286	Vidikron	11398
Electron	12466, 12855	NuVision	12158, 11657, 14347	Viewsonic	12014, 12745, 13706, 12087, 11330, 11627, 11755, 12277, 10857, 12049, 10797, 10885, 11564, 11742, 11365, 11745
Elektra	11661	oCOSMO	12337, 13899	Viore	13362, 12352, 13118, 12104, 13429, 13863, 13094, 11684, 13159, 11207, 13154
Element	13559, 11687, 12183, 14635, 12964, 14910, 13953, 14398, 11886, 14217, 12256	Olevia	11610, 11240, 11331, 11144	VisionQuest	11687, 13154, 13380
Ellie	11457	Omni	13078, 15118	Vivitek	11369
Emerson	11864, 11963, 11394, 11886, 13623, 11661, 12183, 13559	Optimus	10679	VIZIO	13758, 11758, 12707, 12757, 11758, 13415, 12512, 10885
Emprex	11422, 11765	Optique	12189	Vuon	13418
Encross	10876	Orion	11892, 13540, 13650	W Box Technologies	14686
Envision	11589, 11365, 12087, 12014, 12621	Panasonic	11480, 13825, 11291, 11636, 12264	Westinghouse	13411, 14910, 13094, 13470, 11282, 12337, 12397, 13908, 11217
Epson	11122	PARK	11376, 12104, 12194, 12202	White Westinghouse	11661
Epworth	11362	Peerless-AV	14254	WinBook	11369
EQD	12014, 12087, 12277	Phico	11963, 11394	Wyse	11365
EQD Auria	12014, 12087, 12277	Philco	11867, 12372, 14365, 13396, 13721, 11887, 12800, 11454, 11455, 13623, 15159, 12940, 15181, 15161, 13614, 11866, 11744, 12768, 11963, 11755, 13708, 11394, 14398, 11365, 11756	Xococo	11753, 11749
ESA	11963	Philips	11867, 12372, 14365, 13396, 13721, 11887, 12800, 11454, 11455, 13623, 15159, 12940, 15181, 15161, 13614, 11866, 11744, 12768, 11963, 11755, 13708, 11394, 14398, 11365, 11756	Yamaha	10797, 11576
eTec	12397	Philips Magnavox	11867, 11867, 13623	Zenith	11423, 11661, 12731, 11365, 12358
Exorvision	13953	Pioneer	11457, 10679, 11260, 11398		
Favi	13382	Planar	14951, 10679, 11589		
Fisher	11362	Polaroid	11523, 11687, 11769, 11276, 11538, 11767, 14035, 13942, 15037, 12121, 13382, 10865, 11314, 12063, 11286, 11326, 12002, 12120, 12434, 13118		
Fluid	12964, 13953	Portland	11661		
Fujitsu	10853, 10809	Prima	11753, 11749		
Funai	11394, 11864, 11963				
Furion	13332, 14093				
Gateway	11755, 11756				
GE	11447				
General Electric	11447				
GFM	11963, 11886, 11864, 11865				
GPX	13980, 13977, 13402, 12784				
H & B	11366				