



*The revolutionary “accessible” remote control that finally makes using a remote control as easy as it should be*



## Device Codes

V1.0

## INDEX OF DEVICE CODES

Following is a list of device codes to be used when manually programming the **Accenda** remote control. You may have to try some or all of the codes for each brand before you find the proper code for your product.

The codes in the back of this manual are arranged by type of equipment and manufacturer. You may have to try several codes in order to find the correct code.

Codes within brackets ({} ) are very similar. In general they have the same on/off code and many other buttons in common. If one of these does not turn your TV on or off, you do not need to try other codes within the set of brackets.

**Be sure to test a variety of buttons to ensure they all work. Many devices use similar remote control codes and occasionally some instructions will not work properly. If this occurs, try the next code in the list for your system's manufacturer.** If you cannot find the correct code, refer to the Auto Search/Manual Search feature or the Frequently Asked Questions section of the User's Guide.

### TV Device Codes

TV Manufacturer	TV Device Code
ABC	616
Admiral	716, 710, {667, 643}, 718, 584, 600, 951, 968
Advent	716
Adventura	611
Aiko	696
Aiwa	549, 544, 546
Akai	{637, 644}, 649, 724, 682
Alleron	584, 600
Amark	961
Anam	{600, 591}, 950, 944, 961
Anam_National	668, 636, 600, 682
AOC	{637, 906, 644}, 961, 588, 568, 646
Apex	1073, 707
Archer	961
Audiovox	961, 600, 949
Belcor	{644, 906}
Bell and Howell	584, 710, 716, 600, 642

TV Manufacturer	TV Device Code
Bradford	600
Brooksonic	{644, 637,}, 926, 549, 961, 600, 623
Brokwood	{906, 644}
Candle	{637, 644}, 611, 560
Capehart	646
Carnivale	644
Carver	578, 629, 570
CCE	579
Celebrity	682
Centurion	644
Cetronic	600
Citizen	576, 959, {644, 637, 906}586, 611, 696, 560, 600, 905
Clairtone	588
Classic	600
Colortyme	{644, 906}
Concerto	{637, 644, 906}
Contec/Cony	600, 588
Coronado	{639, 959}
Craig	623, 874, 566, 720, 600, 668
Croslex	567
Crown	959, 600
Curtis Mathes	720, 710, 605, {644, 906}, 959, 586, 643, 629, 642
CXC	600
Daewoo	873, {564, 949}, 696, {644, 906}, 868, 728, 959, 630, 600, 904, 545
Daytron	694, {637, 644, 906}, 959, 696,
Denon	716
Dumont	906, 1043
Dynasty	600
Dynatech	611, 945
Electroband	682, 588
Electrohome	906, 644, 682, 941, 982
Emerson	694, 567, 623, 874, 566, 720, {644, 906}, 676, 718, 549, 803, 576, 593, 588, 959, 620, 600, 584, 561, 896, 902
Envision	644

TV Manufacturer	TV Device Code
Fisher	{721, 642}, 597, 897
Fortress	716
Fujitsu	584
Funai	713, 600, 584
Futuretech	600
GE	704, 200, 636, 626, 667, 644, 566, 582, 643, 634, 645, 682, 624, 607, 937, 948, 960, 965, 969, 547, 968
Gibraltar	1043, 644, 906
Goldstar	686, 694, 875, 628, {637, 644, 906} 959, 618
Griswold	069, 592
Grundy	600, 584
Hallmark	{644, 906}, 584, 623
Havard	644, 600, 584, 623
Hitachi	{724, 555}, 1072, 694, 708, {644, 906}, 819, 581, 898, 563, 959, 620, 637, 599, 621, 909, 967
IMA	600
Infinity	629
Janeil	611
JBL	629
J.C.Penney	636, 628, {644, 906}, 961, 573, 645, 643, 959, 608, 935, 586, 624, 607
JCB	682
Jensen	644, 906, 899
JVC	{722, 551}, 670, 603, 645, 985
Kawasho	644, 906, 682
Kaypani	646
KEC	600, 586
Kenwood	{644, 906}
Kloss	611, 644, 612
Kloss Novabeam	612, 611
KMC	618
Konka	705
KTV	697, 694, 713, {715, 600}, 720, 644, 576, 579, 588, 959
Linatech	069, 592

TV Manufacturer	TV Device Code
Lodgenet	1043
Loewe	629
Logik	710, 600, 623
Luxman	{637, 644, 906}
LXI	553, {721, 642}, 605, 950, {567, 629}, {667, 643}, {637, 644, 906}, 907, 900
Magnasonic	961, 716, 935, 644, 906, 629, 584, 696
Magnavox	{725, 920, 629}694, 567, 586, {644, 637, 906}, 578, 572, 609, 612, 614, 560
Majestic	710, 1043
Marantz	629, 578, 572, {644, 906}
Megatron	961, 724, {644, 906}
MEI	645, 588
Memorex	676, 907, {637, 644, 906}, 549, 700, 618, 710, 642
MGA	563, 700, {644, 906}
Midland	645, 643, 1043
Minutz	624
Mitsubishi	{557, 644, 637, 906}, 629, {700, 958}695, 563, 716, 649, 682, 917, 939, 821
Montgomery Ward	578, 582, 572, 634, 629, 614, 609, 710, {644, 637, 906}, 718, 624, 607, 694, 567, 568, 584, 642
Motorola	700, 716, 645, 636, 629, 682
MTC	{637, 644, 906}, 630, 588, 586
Multitech	579, 600
NAD	935, 903, 644, 906, 903
NEC	{912, 557, 644, 637, 906}, 682, 570, 962, 552
Nikei	600
Nikko	696, 644, 906
NTC	696
Onking	600
Onwa	600
Optimus	600, 700, 584, 718, 642, 903
Optonica	716, 718
Orion	600, 584, 623, 1043

TV Manufacturer	TV Device Code
Panasonic	{719, 950, 930}, {955, 650, 645}, 626, 636, 687, 668, 556, 826, 601, 629, 682
Philco	694, {644, 906}, {567, 629}, 578, 609, 612, 614, 560
Philips	567, 578, 572, 629, 609, 614, 682, 607, 644, 906, 956
Pilot	644, 906
Pioneer	747, {727, 903}, 605, 626, 620, {644, 906}, 651, 963, 964
Portland	693, 644, 959, 906, 696
Prism	645, 636
Proscan	703, 550, 582, 592, 643, 634, 620, 608, 906
Proton	961, 622, 959, {644, 906}, 646
Pulsar	1043, 696, {644, 906}
Quasar	826, 715, 636, 626, 930, 687, 668, {650, 645}, 682
Radio Shack	695, 720, {721, 642}, {667, 643}, {637, 644, 906}, 861, {959, 639}, 718, 600,
RCA	706, 693, 636, {691, 550}, 562, 558, 667, 861, 644, 689, 592, 637, 567, 674, 582, 643, 716, 634, 620, 719, 906, 608, 682, 931
Realistic	637, 642, {644, 906}, 600, 718
Rhapsody	588
Runco	644, 1043, 960, 970, 971, 977, 978
Sansui	676
Sampo	644, 646, 906
Samsung	701, 586, 772, 775, 698, 699, 694, 637, {644, 906}, 554, {959, 639}, 554
Sanyo	{721, 642}, 597, 571, {644, 906}, 901, 943
Scimitsu	906
Scotch	{644, 906}
Scott	720, 637, 600, 584, 959, 623, {644, 906}
Sears	629, 642, 571, 643, 584, 907, 573, 935, 597, {644, 637, 906}
Sharp	716, 880, 694, 718, 959, 559, 644, 906, 936, 976, 1071
Shogun	906, 644
Signature_2000	722, 566, 710, 716, 906, 643, 629

TV Manufacturer	TV Device Code
Simpson	644, 578, 560
Sonic	588
Sony	682, 667, 644, 689, 669, 598, 568, 620, 565, 966, 979, 980
Soundesign	600, {644, 906}560, 584
Spectracon	961, 600, {637, 644, 906}
SSS	{906, 644}, 600, 623
Starlite	600, 906, 623
Supre Macy	611, 560
Supreme	682
Sylvania	553, 713, {644, 637, 906}, {567, 629}, 578, 572, 614, 612, 609, 560,
Symphonic	713, 553, 720, 600, 584
Tandy	657, 716, 643, 629, 718
Tatung	636, 961, 645, 682
Technics	645, 636
Technol ACE	584
Techwood	{637, 644, 906}, 961, 645
Teknika	{637, 644, 906}, 959, 586, 710, 611, 696, 700, 584, 600, 560, 629,
Tera	622, {906, 644}
Thomson	596, 595
TMK	{637, 644, 906}, 623
Toshiba	907, 707, 553, 716, 605, 935, 573, 642, 586
Tosonic	588
Totevision	959
Universal	643, 624, 607
Vector Research	722, 644
Victor	722
Video Concepts	649
VidTech	724, 567, {637, 644, 906}
Viking	611
Yamaha	{906, 644}
York	644
Zenith	724, 711, 710, {637, 644, 906}, 865, 949, 961, 1043, 696, 957
Zonda	961, 773

## TV Combo Device Codes (TV/VCR, TV/DVD, TV/VCR/DVD)

Manufacturer	Combo Device Code
Aiwa	544, 546
Audio Dynamics	740
Apex	1073
BrookSonic	549, 925, 926
Blaupunkt	558, 658
Daewoo	545, 1053, 1022
Emerson	773, 803, 829
GE	547, 704, 809, 812, 1060
Goldstar	1056
JVC	551, 732, 788, 1038
LXI	553
Magnavox	923
Memorex	1047
Mitsubishi	700, 821, 835, 917
NEC	552
Optimus	642, 959, 718, 600, 639
Panasonic	556, 782, 799, 819, 826, 650
Philips	923
Proscan	550
Quasar	556, 650
Realistic	773, 694
Radio Shack	773, 861
RCA	766, 931, 550
Sharp	924, 933, 1071
Samsung	554, 1027
Sony	786
Toshiba	555
Zenith	773, 1043

**Note for TV/VCR Combination Units (“Combos”)** On most “combo” units, the power, channel, and tape functions operate when the VCR is selected as the source, and the volume when the TV selected as the source. However, this

will vary from unit to unit. You will need to experiment to see how the buttons function for your particular system. If codes above do not work, you may find the correct codes for the TV, VCR and or DVD sections under the appropriate section for individual components.

## VCR Device Codes

VCR Manufacturer	VCR Device Code
Admiral	764; 768; 749; 797; 924, 798, 747; 826, 789, 556; 761
Admiral	747, 768, 749, 797, 764, 761
Adventura	820
Aiko	{545, 1053}, 868
Aiwa	834, 837, 549, 820, 808, 796, 546, 544
Akai	{780, 744}, 847, 743, 787, 762, 737, 815
Allegro	797
American High	862, 771, 807
Asha	{745, 1047}
Audio Dynamics	767, 823, 1028, 768
Audiovox	773, 775
Beaumarck	{745, 1047}
Bell and Howell	797, 855
Brooksonic	785, 810, 768, 764, 549, 761
Calix	773
Candle	773, 775, 823
Canon	828, {819, 1046, 1039}, 857, 862
Capehart	797, 1049
Carver	771
CCE	{545, 1053}, 868
Citizen	785, 868
Colortyme	823
Colt	820
Craig	731, 818, {745, 1047}, 856, 1021
Curtis Mathes	{819, 1046, 1039}, 862
Cybernex	{745, 1047}, 805
Daewoo	{545, 1053}, 868, 854, 855, 1051, 1052, 1023, 1022
Daytron	797

VCR Manufacturer	VCR Device Code
DBX	767, 768
Dynatech	820
Electrohome	{745, 1047}, 773, 1037
Electroponic	773
Emerson	803, 814, 820, 929, 785, 773, 760, 764, 763, 1065, 829, 847, 768, 734, 862, 868, 765, 761
Fisher	774, 736, 731, 833, 855, 856
Funai	820, 868, 747
Garrard	820
GE	{812, 809}, 791, 547, 817, 768, 767, 751, 837, 749, 819, 862, 1048, 1050, 1060
Go Video	745, {781, 756, 1057, 1059}, {842, 1062}
Goldstar	823, {775, 552}, 773, 868, 1056, {1024, 1064, 1026}
Gradiente	820
Griswold	841
Harley Davidson	820
Harmon Kardon	{775, 740, 552}, {813, 1031}
Harwood	820, 734
Havard	820
Headquarter	{739, 1025}, 855
HI-Q	731, 856
Hitachi	820, 737, 735, 751, 779, 841, 755, 815, 819, 837, 555
Instant Replay	820, 798, 862, 807
Inteq	773
J.C.Penney	745, {775, 740, 552}, 737, 1039, 855, 862
JCL	807, 862
Jensen	737, 815
JVC	{769, 1032}, 737, 815, 838, 551, 1038, 788, 732, 758, 855, 1035
KEC	773, 868
Kenwood	{739, 1025}, 737, 815, 855
KLH	820
Kodak	924, 819, 773, 862
Linatech	841
Lloyd	820, 553
Logik	820, 553

VCR Manufacturer	VCR Device Code
LXI	773
M.Ward	765, 820, 731, 737, 745, 819, {826, 556}, 747, 754, 856
Magnasonic	{545, 1053}, 745, 773, 820, 767, 868
Magnavox	870, 754, 819, 771, 862, 868, 1040
Magnin	{745, 1047}
Marantz	775, 771, 732, 855, 862, 1041, 807
Marta	773
Masushita	{924, 747}, 819, 771, 862
MEI	819, 862
Memorex	755, 773, 731, 833, 808, 797, 819, {826, 556}, 747, 820, 832, 855, 856, 862, 1058, 1047
MGA	835, 847, 846, 819
Minolta	737, 841
Mitsubishi	813, 784, 762, 835, 847, 1033, 819, 821, 917, 700
MTC	{745, 1047}, 820
Multitech	820
NAD	839, 545
NEC	737, 730, {775, 740, 552}, 855, {815, 845}
Neckermann	760
Nikko	773
Nikon	{753, 1036}
Noblex	745
Optimus	862, 820, 774, 773, {739, 1025}, 731, {745, 1047}, 833, 747, {826, 789, 556}, 819, 855, 856
Optonica	742, 747, {826, 556}
Orion	785, 868, 814
Panasonic	782, {924, 747}, 799, {819, 1046}, 757, 777, {826, 556}, 1066, 862
Pentax	737, 841, 837, 751
Philco	819, 862
Philips	844, 1042, {923, 771}, 819, 862
Pilot	773
Pioneer	839
Prediwave	836

VCR Manufacturer	VCR Device Code
Primestar	812
Proscan	749, 550
Protec	820
Pulsar	797
Quarter	{739, 1025}
Quartz	{739, 1025}, 855, 790
Quasar	556, {826, 556}, 836, 819, 778, 799
Radioshack	{924, 747}, 820, {826, 556}, 819, {739, 1025}, {745, 1047}, 773, 855, 861, 862
Radix	773
Randex	773
RCA	{812, 809}, 737, 841, 547, 757, 792, {817, 893}, 767, 754, 777, 751, 819, 749, 837, 862, 768, 931, 766
Realistic	820, 774, 773, 739, 731, 745, 833, 819, {826, 556}, {924, 747}, 855, 856
Ricoh	{753, 1036}
Runco	797, {753, 1036}, 1061
Samsung	745, {780, 744}, 554, {840, 554}, 854, 1027, {1052, 1054}, 1055, 805
Sansui	818, 737, {815, 845}
Sanyo	833, {739, 1025}, 731, 855, 856
Schneider	755
Scott	765, 764, 768, 854, 761
Sears	804, {819, 1046, 1039}, 774, 773, 736, {739, 1025}, 731, 737, 833, 841, 855, 856, 862, 1044
Sharp	{924, 747}, 933, {826, 556}
Shintom	820
Shogun	745
Signature	820, 805
Singer	745, 773, {924, 747}, 820, 862
Sony	822, 819, 752, 786, 755, 753, 752, {851, 794, 800}, {793, 786}, 1034, 776, 759, 802
STS	737, 862
Sylvania	819, 835, 862
Symphonic	820
Tandy	820, 855

VCR Manufacturer	VCR Device Code
Tashiko	785
Tatung	737, 815
Time Warner	820
TIVO	850, 849, 759, 844
Teac	737, {848, 815}, 820
Technics	819, 862
Teknika	773, 784, 831, 819, 820, 862
TMK	760
Toshiba	765, 1045, 774, 835, 854, 927, {784, 1030}
Totevision	773, {745, 1047}
Unitech	{745, 1047}
Vector Research	{775, 740, 552}
Victor	{838, 854}
Video Concepts	{775, 740, 552}, 847, 854
Videosonic	{745, 1047}
WEBCV	825
White_Westinghouse	820
Yamaha	855, {775, 740, 552}, 737, {848, 815}
Zenith	773, 755, {753, 1036}, 797, 1043
Zonda	773

### PVR Device Codes

PVR Manufacturer	PVR Device Code
Hughes	849
Philips	844
Prediwave	836
Sony	759, 776
Replay TV	782, 807
Tivo	850, 849, 844

### VCR/DVD Combo Device Codes

Manufacturer	VCR/DVD Device Code
Sylvania	820, 487
Symphonic	820, 487
Samsung	446 [vol+ =DVD, vol- =VCR]

### Cable Box Device Codes

Box Manufacturer	Cable Box Device Code
ABC	227, 231, 239, 250, 617, 995
Allegro	243, 208, 914
Antronix	243
Archer	208, 259, 243, 281, 990
Bellsouth	883
Cabletenna	259
Cableview	259
Century	208
Citizen	208, 249
Clear_Max	702
Comcast	238
Comtronics	228, 204
Cox	225, 238
CTX	208
Digital Entertainment	501
Eagle Comtronics	228, 996
Eastern	235
Electricord	211
Emerson	295
Everquest	226, 228
Explorer	225
Garrard	208
GC Electronics	215
GE	272, 267, 1006
Gemini	{216, 219, 217}, 993, 299, 226, {192, 244}
General Instrument	238, {187, 248}, 226, {195, 196}, {192, 244}, 250, {229, 231}, 194, 266
Goldstar	228

Box Manufacturer	Cable Box Device Code
Hamilton	188, 189, 198
Hamlin / Regal	198, {191, 236}, 240, 202, 201, 277, 230, 189, 1000, 188
Harmon Kardon	213
Hitachi	{229, 231}
Hitex	227
Jasco	208
Jerrold	{229, 231}, {195, 196}, 226, 238, 194, {187, 248}, {192, 244}, 250, 989, 1004
Kingston	{204, 208, 283}
Macom	256
Magnavox	991, 1009, 1010, 1003
Media_One	238
Memorex	797, 914
Mitsubishi	1013
Motorola	238
Movie Time	211, 207, 199
Novaplex	222, 919
Novavision	{224, 233}, 239
NSC	207, 199, 992, 1005
Oak	993, 227, {994, 997}
Omega	226, 228
Panasonic	{197, 294}, 210, 914, 998
Paragon	797, 914
Philips	193, 204, 258, 251, 252, {260, 276}
Pioneer	214, 220, 186, 1002
Popular_Mech	471
Pulsar	797, 914
RCA	{197, 294}
RECOTON	1012
Regal	236, 202, 201, 189, 198
Regency	235
Rembrandt	219
Runco	797, 914
Samsung	228
Scientific Atlanta	225, {224, 233}, 239, 997, 999
Signal	228

Box Manufacturer	Cable Box Device Code
Signature	{229, 231}
Skycable	918
SL Marx	228
Sony	234, 998, 1011
Sprucer	197, 294
Standard Compnt	217
Starcom	226, 187, 192
Stargate	228, 226, 298
Storm	885
Starquest	226
Sylvania	237
Tandy	203
Teknika	255
Telecaption	212
Toshiba	914
Televue	228
Texscan	237, 300
Time Warner	225
Tocom	190, 617, 669, 672
Toshiba	797
Tusa	226
TV86	296
Unica	259, 243, 208
U.S.West	813
United Artists	227
United Cable	{994, 997}
Universal	211, 230, 294, 277, 208, {218, 259}, 243, 281
Video Way	265
View Master	278
Viewstar	204, 209, 205, 203, 1007
West	208
Yamaha	185
Zenith	221, 247, 298, 914, 914

## DVD Player Device Codes

DVD Manufacturer	DVD Device Code
Aiwa	465
Apex	455, 467, 449, 437, 921, {454, 461, 485}, 1067, 1068, {1069, 1070}
Brooksonic	{925, 456, 925}
Bose	489
California Audio	445
Cary	459
Concept	460, 877
Denon	{477, 472, 478}, {439, 452, 481, 482}, 444, 884
Daewoo	884
Funi	1019
Fisher	445
GE	441, 450
Goldstar	475
GoVideo	881
Harmon Kardon	468
Hitachi	447
JVC	{454, 461, 485}, 485
Kenwood	480
KLH	448
Kyocera	{439, 452, 481, 482}
Lasonic	484
M.Ward	820
Magnavox	435, {477, 472, 478}, 870, 463
Mitsubishi	{477, 472, 478}, 470
Myryad	466
NAD	{477, 472, 478}
Onko	488
Optimus	474
Oritron	457
Panasonic	{439, 452, 481, 482}, 445, 483, {479, 1020}, 486, {477, 472, 478}, 434, 886, 869
Philips	435, 463, 870
Pioneer	{477, 472, 478}, {453, 458}, 1014

DVD Manufacturer	DVD Device Code
Popular_Mech	471
Proscan	450, 441
Quasar	445
RCA	450, 441, 440, {477, 472, 478}
Realistic	474
Rowa	490
Samsung	464, 447, 1016
Sanyo	476, 436, 827
Sharp	480, 491, 986
Sylvania	487
Sony	{443, 1018}, {469, 1015}, 464, 827
Teac	438, 871, 872, 882
Technics	445, 483, {479, 1020}
Theta Digital	435, 870
Thompson	441, 450
Toshiba	{456, 925}, 451, {477, 472, 478}, 480, 892
Yamaha	462, 473, 471, {439, 452, 481, 482}
Zenith	475

## DSS & Satellite Receiver Device Codes

DSS Manufacturer	DSS Device Code
Access	922
Drake	932
Digital Entertainment	{501, 194, 506, 928}
Dish	502, 888, 890, 267, 282, 297, 511, 825, 895
DishNet	502, 825, 888, 890
General Instrument	{506, 194, 501, 928}, 194, 913
Hitachi	499, 987
Hughes	497, 493, 849
M. Ward	820
Magnavox	505, 504
Mitsubishi	494
Optimus	504
Panasonic	495
Philips	508
Primestar	{194, 501, 506, 928}
Radio Shack	494
RCA	{496, 492, 498}, 867, 503, 494
Sagem	987
Samsung	889, 509
Sony	507, 857, 510
Toshiba	500, 496
Uniden	505, 504
Zenith	915

## Working with DSS On-Screen Menus

Remote Key Name	Screen Menu Function
<b>REC</b>	Menu
<b>Pause</b>	Select
<b>Play</b>	Menu +
<b>Stop</b>	Menu -
<b>Rew</b>	Menu L
<b>FF</b>	Menu R

## MISC Device Codes

Manufacturer	Device Code
Sharp LCD Projector	662
Sony Video Projector	663
X10	1063
Web TV	825