

APPENDIX B – PRESET MEMORY CODES

for units shipped September 2005 and later

The following codes are for operating other components with the remote control. If codes for one of your components are not in this library, see section 6.8.4 for info on how to teach codes from your source remote.

To enter a 5-digit code:

1. Press the Path/Device key (e.g. **DVD**).
2. Press and hold **LEARN** until the LED flashes twice.
3. Enter the **5-digit code**. Two LED blinks indicate that the code is accepted.

Statement D1, AVM 20/30 – MAIN	31185	AVLight	30158	Optimus	31531
Statement D1, AVM 20/30 – ZONE2	31186	Bel Canto Design	31584		31023, 30801, 31074, 30080,
Statement D1, AVM 20/30 – ZONE3	31187	Bose	31229, 31253, 30639		30186, 30531, 30797, 30042,
AVM 2 – MAIN	31096	Brix	31602		30181, 30440, 30738, 30849,
AVM 2 – ZONE2	31097	Cambridge Soundwks	31477, 31370		30177, 30219, 30670
		Capetronic	30531	Oritron	31497, 31366
		Carver	31189, 30189, 30042, 31089,	Panasonic	31518, 30039, 31548, 31764,
			30008, 30360		30518, 31350, 31763, 30367,
		Casio	30195		31316, 31509, 31633, 30309,
		Clarinet	30195		31288, 31363
		Classic	31352	Penney	30195
		Coby	31513, 31389, 31263	Philco	31390
		Compaq	31136	Philips	31189, 31269, 30189, 31365,
		Criterion	31420		31089, 31266, 31283, 30891,
		Curtis	31596		31368, 30391, 31120, 31268
		Curtis Mathes	30080	Pioneer	31023, 30150, 30630, 31184,
		Daewoo	31250		30080, 30531, 31084, 31384,
		Dell	31383		30244, 31343
		Denon	31360, 30004, 31104, 30771,	Polaroid	31508
			31311, 30273, 31142, 30301	Polk Audio	30189, 31289
		Dynamic Bass	30360	Proscan	31254
		Emerson	30424, 30255	Qisheng	31609, 31390
		Fisher	31409, 30360, 30219, 31801,	Quasar	30039
			30042	RadioShack	31263
		Fonmix	31360	RCA	31023, 31609, 31254, 30346,
		Fosgate	31487		30531, 31154, 31511, 30080,
		Garrard	30424, 30281, 30463, 30146,		30530, 31074, 31390, 30054,
			30440		30360
		Gateway	31517, 31567	Realistic	30195, 30181, 30163
		GE	31379	Regent	31437
		Glory Horse	31263	Rio	31869, 31383
		Go Video	31532	Saba	31519
		GoldStar	30281	Samsung	31500, 31295
		GPX	31299	Sansui	30189, 30346, 30193, 31089
		Hafler	30146	Sanyo	30801, 30360, 31469, 30219,
		Harman/Kardon	30110, 30189, 30891		31251
		Hewlett Packard	31181	Scott	30163, 30322
		Hitachi	31801, 31273	Sharp	31286, 30186, 31386, 31361
		Initial	31426	Sharper Image	31545, 31556, 30797, 31409,
		Inkel	30027, 30062, 30502, 30491		31416, 31549, 31385, 31411,
		Integra	30135, 31298		31546, 31723, 31263, 31410
		JBL	30110, 31306, 30281	Sherwood	30491, 31423, 30062, 31077,
		JVC	30074, 31282, 31263, 31495,		30502, 31653
			31374	Shinco	31390
		Kansai	30440	Shinonic	31426
		Kenwood	31313, 31570, 31569, 30027,	Silsonic	30176, 31426
			31051, 30077, 30313, 31027,	Sonic	30281
			30042, 30239, 30569, 31052,	Sonic Blue	31383, 31869, 31532
			30186, 30314	Sony	31058, 31441, 31258, 31759,
		KLH	31412, 31390, 31428		30158, 31442, 31529, 31758,
		Koss	30424, 30255, 31366		31371, 31503, 31042, 31658,
		Lasonic	31798, 31510		31158, 31858, 31367, 31406,
		Lenox	31437		31458, 30168, 31558, 31131,
		Lexicon	31076		31349, 31382
		Linn	30189	Soundesign	30670
		Liquid Video	31497	Stereophonics	31023
		Lloyd's	30195	Sunfire	31313, 30314, 30313, 31052
		LXI	30181	Tae Kwang	30440
		Magnavox	31189, 31269, 30189, 30128,	Teac	30163, 31267, 31074, 31528,
			30391, 30195, 31089, 31514,		30463, 31390
			30531	Technics	31308, 31518, 30039, 30518,
		Marantz	31189, 31269, 30039, 30189,		30309, 31309, 30208
			31089, 31289, 30200, 30128	Techwood	30281
				Thorens	31189
		MCS	30039, 30346	Venturer	31390, 30849
		Memorex	31596	Victor	30074
		Mitsubishi	31393	Wards	30158, 30189, 30080, 30054
		Modulaire	30195	Yamaha	30176, 30081, 31176, 31375,
		Musicmagic	31089		30186, 31331, 31276
		NAD	30320		30195
		Nakamichi	30347, 30097, 31555	Yorx	30195
		NEC	30235	Zenith	31293, 30857, 30281, 31869
		Norcent	31389		
		Onkyo	30135, 31298, 30842, 30380,		

Audio Amplifiers:

Accuphase	30382
Acurus	30765
Adcom	31100, 30577
Aiwa	30406
AudioSource	30011
Bel Canto Design	31583
Bose	30674
Carver	30269
Classe	31461, 31462
Curtis Mathes	30300
Denon	30160
Durabrand	31561
GE	30078
Harman/Kardon	30892
JVC	30331
Kenwood	30356
Korsun	31483
Left Coast	30892
Lenox	31561
Linn	30269
Logitech	31408
Luxman	30165
Magnavox	30269
Marantz	30892, 30321, 30269
Mark Levinson	31483
Nakamichi	30321
NEC	30264
Optimus	30395, 30300
Panasonic	30521, 30308
Parasound	30246
Philips	30892, 30269
Pioneer	30013, 30300
Polk Audio	30892, 30269
PS Audio	31523
RCA	30300
Realistic	30395
Sansui	30321
Shure	30264
Sony	30689, 30220, 30815
Soundesign	30078, 30211
Technics	30521, 30308
Victor	30331
Wards	30078, 30211, 30013
Yamaha	30354, 30143, 30133, 30504,
YBA	31502

Audio Amp/Tuners:

ADC	30531
Adcom	31616, 30616, 31617
Aiwa	31405, 30158, 30189, 31243,
	31089, 31388, 30121, 30405,
	31321, 31641, 31347
Akai	30224, 30076, 31512, 31255
Alco	31390
Amphion Media Works	31615, 31563
AMW	31563, 31615
Anam	31609, 31074, 30281
Apex Digital	31430, 31257
Arcam	31120
Audiophase	31387
Audiotronic	31189
Audiovox	31390, 31627

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for units shipped September 2005 and later

Cable Converters:

ABC	00003, 00008, 00014, 00001, 00007, 00013, 00011, 00017
Allegro	00315, 00153
Americast	00899
Antronix	00207, 00022
Archer	00797, 00207, 00153, 00022
Belcor	00056
Bell & Howell	00014
Bell South	00899
Cable Star	00056
Cabletenna	00022
Cableview	00022
Century	00153
Citizen	00315, 00153
Clearmaster	00883
ClearMax	00883
Colour Voice	00025, 00031
Comtronics	00040
Contec	00019
Coolmax	00883
Daeryung	01877, 00877, 00477, 00008
Digi	00637
Director	00476
Dumont	00637
Eastern	00002
Emerson	00797
Everquest	00040, 00015
Focus	00400
Funai	00019
Garrard	00153
GC Electronics	00207, 00056
Gehua	00476
Gemini	00797, 00015
General Instrument	00476, 00810, 00276, 00003, 00014, 00011, 00015
Global	01327
GMI	00015, 00797
GoldStar	00144, 00040
Goodmind	00797
Hamlin	00009, 00273, 00034, 00020, 00259
Hitachi	00014, 00011
Hytex	00007
Jasco	00015, 00315, 00153
Jebsee	00400
Jerrold	00476, 00810, 00276, 00003, 00012, 00014, 00011, 00015
Leon	00015
LG	00144, 00040
Linsay	00440
Magnavox	00027
Memorex	00000
Motorola	00476, 00810, 00276, 01254, 01106, 01376
Movie Time	00156, 00063
MS	00015
MultiVision	00012
Novaplex	00618
NSC	00063, 00156
Oak	00019, 00007
Optimus	00021
Pace	01877, 00237
Panasonic	00000, 00008, 00107, 00040, 00021
Panther	00637
Paragon	00000
Philips	00317, 00027, 00025, 00153, 00013, 00031, 01305
Pioneer	01877, 00877, 00144, 00533, 01021
Popular Mechanics	00400
Pulsar	00000
Quasar	00000
RadioShack	00015, 00883, 00797, 00315
RCA	00021
Realistic	00207
Recoton	00400

Regal	00279, 00273, 00259, 00020
Regency	00002
Rembrandt	00011
Runco	00000
Samsung	00000, 00144, 00040
Scientific Atlanta	01877, 00877, 00477, 00008, 00017
Seam	00510
Signal	00040, 00015
Signature	00011
SL Marx	00040
Sony	01006
Sprucer	00021
Starcom	00003, 00014, 00015
Stargate	00015, 00797, 00040
Starquest	00015
Supercable	00276
Supermax	00883
Sylvania	00001
Tandy	00258
Televue	00040
Texscan	00001
TFC	00310
Timeless	00040
Tocom	00012, 00013
Torx	00003
Toshiba	00000
Trans PX	00276, 00153, 00315
Tristar	00883
TS	00003
Tusa	00015
TV86	00063
Unika	00207, 00153, 00022
United Artists	00007
Universal	00153, 00056, 00207, 00022, 00191
V2	00883
Viewmaster	00883
Viewstar	00063, 00027, 00258
Vision	00883
Vortex View	00883
Zenith	00000, 00525, 00899
Zentek	00400

CD Players:

ADC	30018
Adcom	30155, 30234
Aiwa	30157, 30124, 30012
Akai	30156
Audio Alchemy	30194
Audio-Technica	30170
BSR	30245, 30194
Burmester	30420
California Audio Labs	30029, 30303
Carrera	30194
Carver	30157, 30437, 30179
Classic	31297
Crown	30122
DAK	30245
DBX	30254
Denon	30873, 30003
DKK	30000
DMX Electronics	30157
Dynamic Bass	30179
Emerson	30305, 30164, 30155, 30469
Fisher	30179, 30174, 31325, 30088, 30342
Garrard	30245, 30420, 30393, 30280, 30425
GE	30009
Gemini	30625
Genexxa	30032, 30305, 30164
GoldStar	30417
GPX	31296
Harman/Kardon	30157, 30173, 31202, 30426
Hitachi	30032, 30155
Inkel	30196, 30180, 30437
Integra	30101

JVC	30072, 31294, 30655
Kenwood	30681, 30826, 30626, 30028, 30037, 30036, 30190
KLH	31318
Kodak	30287
Korsun	31484
Koss	31317
Krell	30157
Kyocera	30018
LG	31208
Linn	30157
Luxman	30093
LXI	30305
Magnavox	30157, 30305
Marantz	30626, 30029, 30157, 30180
Mark Levinson	31484
McIntosh	30287
MCS	30029, 30043
Miro	30000
Mission	30157
MTC	30420, 30625
Nakamichi	30147
NEC	30043, 30234
Nikko	30174, 30170, 30164, 30625
NSM	30157
Onkyo	30868, 30101
Optimus	31063, 30000, 30032, 30037, 30342, 30437, 31075, 30145, 30194, 30305, 30426, 30087, 30179, 30280, 30420, 30468, 30175, 30196
Panasonic	30029, 30752, 30303
Parasound	30420, 30194
Philips	30626, 30157, 30287
Pioneer	31063, 31062, 30032, 30305, 30468, 31087
Polk Audio	30157
Proton	30157
QED	30157
Quad	30157
Quasar	30029
RadioShack	31075
RCA	31062, 30032, 30305, 30764, 30179, 30468, 30009, 30155, 30420, 30053
Realistic	30164, 30180, 30155, 30179, 30175, 30420
Rotel	30157, 30420
SAE	30157
Sansui	30157, 30305, 30202
Sanyo	30179, 30087
SAST	30157
Scott	30305, 30164, 30155
Sears	30305
Sharp	30861, 30037, 30180
Sherwood	31067, 30196, 30180, 30426
Shure	30043
Silsonic	30888, 30036
Sonic Frontiers	30157
Sony	30490, 30000, 31364, 30185, 30605, 30100, 30604
Soundesign	30425, 30145
STS	30018
Symphonic	30305
TAG McLaren	30157
Tascam	30420
TDK	31208
Teac	30393, 30180, 30174, 30420
Technics	30029, 30207, 30303
Tivoli Audio	31553
Vector Research	30194, 30417
Victor	30072
Wards	30157, 30053
Yamaha	30888, 30036, 30187, 30170, 31292
YBA	30625
Yorx	30461
Zonda	30157

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DVD Players:

Adcom	21094
Advent	21016
Aiwa	20641, 21912
Akai	20899, 20770, 21975, 21089
Allegro	20869
Amphion Media Works	22016, 22001
AMW	20872, 22016, 22001, 21176
Anam	21913
Apex Digital	20672, 20717, 20797, 21020, 21100, 20796, 21004, 21061, 21937, 20794, 20830, 21056, 21915, 20755
Aspire Digital	21168
Audiologic	20736
Audiovox	21071, 21122, 21041, 21121, 21072
Axion	21071, 21072
B & K	20662, 20655
Bel Canto Design	21571
Blaupunkt	20717
Blue Parade	20571
Broksonic	20868, 20695
Cambridge Soundwks	21916
CAVS	21057
Changhong	20627, 21061
CineVision	20876, 20869
Classic	21917
Coby	20778, 21107, 21086, 21923, 20852, 21165
Criterion	22007
Curtis Mathes	21087
CyberHome	21023, 21129, 20816, 21117, 21024
Daewoo	20784, 20869, 20833, 21918, 21172, 20705
Denon	20490, 20634
Dual	21085, 21068
DVD2000	20521
Emerson	20591, 20675, 20821
Enterprise	20591
Fisher	20670, 21919
Funai	20675
Gateway	21077, 21073, 21158
GE	20522, 20815, 20717
Go Video	20744, 20869, 21099, 21970, 20715, 20833, 21075, 21730, 20783, 21044, 21144
GPX	20699, 20769
Greenhill	20717
Harman/Kardon	20582, 20702
Hitachi	20573, 20664, 21919
Hiteker	20672
Initial	20717, 21931
Integra	20627, 21924
Jamo	22003
Jaton	21078
JBL	21926, 20702
Jensen	21016
JVC	20558, 20623, 21940, 21901, 20867
jWin	21051, 21049
Kenwood	20490, 20534, 21063, 20682
KLH	20717, 21939, 21149, 21020
Konka	20720, 20719, 20711, 20721
Koss	20651
Landel	20826
Lasonic	20798, 21173
Lennox	21938
LG	20801, 20101
Lite-On	21158, 21058
Loewe	20511
Magnavox	20503, 20675, 21976, 21914, 20821
Malata	21159, 20782
Marantz	20539
Memorex	20695

Microsoft	20522
Mintek	20839, 20717
Mitsubishi	21521, 20521
Momitsu	21082
NEC	20785
Nesa	20717
Next Base	20826
Niro	22024
Norcent	21003, 20872, 21923, 21107
Onkyo	20503, 20627, 21924, 20792, 21985
Oritron	20651, 21980
Panasonic	20490, 21462, 21907, 21910, 21990, 21362, 21762, 21909, 21986, 20632, 21490, 21908, 21925, 22017
Philco	22000
Philips	20503, 20539, 20646, 20885, 20854, 21914
Pioneer	20525, 20571, 20638, 20632, 20631, 21902
Polaroid	21086, 21061, 21998, 21200
Polk Audio	20539
Portland	20770
Prima	21016
Princeton	20674
Proscan	20522
ProVision	20778
Qwestar	20651
RCA	20522, 20571, 20717, 20822, 21193, 21974, 21132, 21965, 21022, 21913
Regent	21938
Rio	20869
Rotel	20623
Rowa	20823
Saba	21977
Sampo	20752, 20698
Samsung	20490, 20573, 20820, 21932, 21075, 20899, 21979
Sansui	20695
Sanyo	20695, 20670, 21967, 20873
Sharp	20630, 20752
Sharper Image	21995, 21117
Sherwood	21043, 20770, 20633, 21077
Shinco	20717
Shinsonic	20533, 20839, 21931
Sigma Designs	20674
Sonic Blue	20869, 21970, 21099
Sony	20533, 21533, 20864, 21033, 21904, 22020, 21903, 21981, 20772, 21934
Sungale	21074
Superscan	20821
SVA	20717, 20860, 21105
Sylvania	20821, 20675
Symphonic	20675
Teac	21984, 20809
Technics	20490
Technosonic	20730
Techwood	20692
Terapin	21031
Theta Digital	20571
Tivo	21996
Toshiba	20503, 21154, 22006, 21045, 21996, 20695, 21988
Tredex	20803, 20800, 20799, 20804
TYT	20705
Urban Concepts	20503
US Logic	20839
V Inc.	21226, 21064
Vocopro	21027
Xbox	20522
Xwave	21001
Yamaha	20490, 20539, 20545
Zenith	20503, 20591, 21906, 20869, 22002

Satellite Receivers:

AlphaStar	00772
Chaparral	00216
Crossdigital	01109
DirecTV	00392, 00566, 00639, 01639, 01142, 00247, 00749, 01749, 00724, 00819, 01856, 01076, 01109, 00099, 01444, 01108, 01392, 01443, 01640, 01442, 01414
Dish Network System	01005, 00775, 01775, 01505, 01170
Dishpro	01005, 00775, 01505, 01775
Echostar	01005, 00775, 01170, 01775, 01505
Expressvu	00775, 01775
Funai	00338
GE	00566
General Instrument	00869
GOI	00775, 01775
Goodmans	01246
Hisense	01535
Hitachi	00819, 01250, 00214, 00491, 00489, 00201
HTS	00775, 01775
Hughes Network Sys	01142, 00749, 01749, 01443, 01442, 01444
I-Lo	01535
JVC	00775, 01170, 00492, 01775
LG	01414, 01226
Magnavox	00724, 00722
Matsushita	00340, 00214, 00500
Memorex	00724
Mitsubishi	00749, 00491
Motorola	00869
NEC	00496, 01270
Next Level	00869
Panasonic	00247, 00701, 00214, 00500, 00340
Paysat	00724
Philips	01142, 00749, 01749, 00724, 01076, 00722, 00099, 01442
Proscan	00392, 00566
Proton	01535
RadioShack	00869
RCA	00392, 00566, 00855, 00143, 01392
Samsung	01276, 01109, 01108
Sanyo	00493, 01219
Sharp	00494
SKY	00856
Sony	00639, 01639, 00294, 01640, 00163
Star Choice	00869
Tivo	01142, 01444, 01443, 01442
Toshiba	00749, 01749, 00790, 00486, 01285
UltimateTV	01392, 01640
Uniden	00724, 00722
US Digital	01535
USDTV	01535
Victor	00492
Voom	00869
Zenith	00856, 01856

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TVs:

888 10264
 A-Mark 10003
 Abex 10032
 Addison 11150, 10653, 10092
 Admiral 10093, 10463
 Advent 10761, 10817, 10815, 11933, 10783, 10842
 Adventura 10046
 Aiko 10092
 Aiwa 11914, 11910
 Akai 10812, 10702, 10030, 10672, 11903, 10264
 Alaron 10179
 Albatron 10843, 10700
 Ambassador 10177
 America Action 10180
 Ampro 10751
 Anam 10250, 10180, 10003, 10700, 10161, 10628
 Anam National 10250, 10161, 10055, 10650
 Anhua 10051
 AOC 10451, 10093, 10180, 10060, 10030, 10178, 10019, 10185, 11150, 10018, 10052, 10474, 10003, 10092, 10179
 Aolinpike 10264
 Apex Digital 10748, 10765, 10767, 11943, 10879
 Archer 10003
 Audiovox 10451, 10180, 10875, 11952, 10802, 11951, 10092, 10623, 11937, 10003
 Axion 11937
 Baihe 10264
 Baile 10001, 10391
 Baohuashi 10264
 Baosheng 10817
 Beijing 10812, 10391, 10264, 10817, 10001
 Belcor 10019
 Bell & Howell 10154, 10016
 BenQ 11032
 Bradford 10180
 Brockwood 10019
 Broksonic 10236, 10463, 11911, 11938, 10003, 11905, 11935, 11929
 Caihong 10817
 Cailing 10748
 Candle 10030, 10046, 10186, 10056
 Carnivale 10030
 Carver 10054, 10170
 Celebrity 10000
 Celera 10765
 Changcheng 10051, 10817, 10001, 10391, 10264
 Changfei 10817
 Changfeng 10817, 10264
 Changhai 10817
 Changhong 10156, 10765, 10817, 10264, 10783, 10767, 11910
 Chengdu 10817
 Ching Tai 10003, 10474, 10179, 10092
 Chun Yun 10000, 10180, 10161, 10474, 11150, 10092, 10843, 10003, 10179, 10700
 Chunfeng 10264
 Chung Hsin 10180, 10053, 11150, 10036, 10474
 Chunsun 10817
 Cinema 10672
 Citizen 10060, 10030, 10039, 10280, 10056, 10186, 10046, 10092, 11928
 Clairtone 10185
 Clarion 10180
 Colt 11906
 Concerto 10056
 Conrowa 10156, 10145, 10264
 Contec 10180, 10157, 10185
 Craig 10180, 10161
 Crosley 10054
 Crown 10180, 10039

Curtis Mathes 10047, 10054, 10154, 10451, 10093, 10060, 10702, 10030, 10145, 10166, 10466, 11347, 10039, 10056, 11147, 10016, 11919
 CXC 10180
 Daewoo 10154, 10451, 10180, 10030, 10178, 11661, 10474, 10003, 10628, 10032, 11150, 10092, 11928, 10627, 10700, 10056, 11909, 10170, 10391, 10623, 10019, 10672, 10039
 Daytron 10019
 Dayu 10391
 Dell 11080
 Denon 10145, 10511
 Dumont 10017, 10019
 Durabrand 10463, 10180, 10178, 10171, 11034, 10003
 Dwin 10774, 10720
 ECE 10037
 Electroband 10000, 10185
 Electrohome 10381
 Elektra 10017, 11661
 Emerson 10154, 10236, 10463, 10180, 10178, 10171, 10280, 10623, 10038, 11911, 11944, 10179, 10019, 11909, 11929, 10185, 10282, 11905, 10039, 11928, 10177
 Envision 10030, 10813
 Epson 10833, 10840
 Ether 10030, 10161, 10003
 Feilu 10817
 Feiyan 10264
 Feiyue 10817
 Firstar 10236
 Fisher 10154, 10159
 Fortress 10093
 Fujitsu 10186, 10853, 10179, 10809, 10683
 Funai 10180, 10171, 10264, 11904, 10179, 10342
 Furi 10145, 10817, 10264
 Futuretech 10180
 Ganxin 10817
 Gateway 11756, 11755
 GE 11447, 10047, 11454, 10051, 10451, 10180, 10030, 10178, 10092, 11147, 11919, 10055, 10027, 11917, 10135, 10282, 11347, 10021, 11907, 11922
 General 10186
 Gibraltar 10017, 10030, 10019
 Gintai 11150, 10474
 Go Video 10886
 GoldStar 10154, 10030, 10178, 11926, 10019, 10037, 11910, 10001, 10032, 10056, 11150, 10039
 Goodmans 10360
 Grunpy 10180, 10179
 Haier 11034, 10768
 Haiyan 10264, 10817
 Hallmark 10178
 Hankook 10180, 10030, 10178, 10019, 10056, 10628
 Harley Davidson 11904, 10179
 Harman/Kardon 10054
 Harvard 10180
 Havermy 10093
 Hello Kitty 10451
 Himitsu 10180, 10628
 Hisense 10156, 10748, 10145
 Hitachi 11256, 10156, 10030, 10178, 11145, 10145, 10038, 11245, 10092, 10027, 10381, 10036, 11150, 10056, 11904, 10151, 10165, 10019, 10186, 10032, 10039, 10157, 10016, 10179, 10474
 Hongmei 10093, 11910, 10817, 10264
 Hongyan 10817, 10264
 Hua Tun 11150

Huafa 10145
 Huanghe 10817
 Huangshan 10264, 10817
 Huanyu 11910, 10817, 10264
 Huaqiang 10264
 Huari 10145, 10264
 Huodateji 10051
 Hyundai 10849
 Imperial Crown 10001, 10391, 10264
 Infinity 10054
 Inteq 10017
 Janeil 10046
 JBL 10054
 JCB 10000
 Jean 10156, 10051, 10236, 10092, 10179, 10003, 10474
 Jensen 10761, 10815, 11933, 10817
 Jiahua 10051
 Jialicai 10264
 Jinfeng 10051, 10817
 Jinhai 11910
 Jinque 10817, 10264
 Jinta 10264, 11910
 Jinxing 10054, 10156, 10145, 10264, 10037, 10817
 Juhua 10817, 10264
 JVC 10053, 10160, 11923, 11253, 10036, 10653
 Kaige 10264, 10817
 Kangchong 11910
 Kangli 10001, 10817, 10391, 10264
 Kangyi 10264
 Kaypani 10052
 KEC 10180
 Kenwood 10030, 10019
 KLH 10765, 10767
 KLL 10037
 Kloss 10046, 10024
 Kolin 10180, 10053, 11150, 10036, 10474
 Kongque 10264, 10817
 Konka 10632, 10707, 11940, 10628, 10703, 11939, 10638, 10817
 KTV 10180, 10030, 10185, 10039, 10280
 Kuaille 10264
 Kunlun 10051, 10817, 10264
 LG 10060, 10030, 10178, 10056, 10442, 10856, 10001, 10038, 10700, 10019, 10037, 10474, 11178, 10003, 10032, 10006
 Lihua 10817
 Lloyd's 11904
 Loewe 10136
 Logik 10016
 Longjiang 10264, 10817
 Luxman 10056
 LXI 10047, 10054, 10154, 10156, 10178
 Magnasonic 11928, 11913
 Magnavox 11454, 10054, 10030, 10706, 11904, 10020, 11944, 10036, 10179, 10386, 11931, 10096, 10187, 11254, 11913, 10024, 10186
 Magnin 11907
 Majestic 10016
 Marantz 10054, 10030, 10854, 10704, 11154, 10855
 Maruman 10627, 10391
 Matsushita 10250, 10650, 10161
 Megapower 10700
 Megatron 10178, 10145, 10003
 MEI 10185
 Meile 10264, 11910, 10817
 Memorex 10154, 10463, 10150, 10178, 10179, 11920, 11927, 10016, 11911, 11926, 11924
 Mermaid 10037
 MGA 10150, 10030, 10178, 11907, 10019
 Midland 10047, 10017, 10051, 10039, 10135, 10032

APPENDIX B – PRESET MEMORY CODES continued ...

for units shipped September 2005 and later

TVs continued:

Minutz 10021
 Mitsubishi 10154, 10250, 10093, 10236, 10180, 11250, 10150, 10030, 10178, 10381, 10836, 10036, 10179, 10817, 11150, 10474, 10019, 10868, 10056, 11917
 Monivision 10843, 10700
 Motorola 10093, 10055
 MTC 10060, 10030, 10185, 10019, 10056
 Mudan 10051, 10817, 10264
 Multitech 10180
 NAD 10156, 10178, 10866
 Nanbao 11910, 10264
 Nansheng 10817, 10264
 National 10051
 NEC 10154, 10156, 10051, 10053, 10030, 10178, 10046, 11150, 10056, 10165, 10186, 10474, 10036, 10882, 10381, 10817, 11704, 10170, 10264, 10019, 10497
 Newave 10093, 10178, 11150, 10092, 10161
 Nikko 10030, 10178, 10092
 Nikon 11910
 Norcent 10748, 10824
 Noshi 10018
 NTC 10092
 Onking 10280
 Onwa 10180
 Optimus 10154, 10250, 10166, 11924, 11913, 10650, 11927
 Optoma 10887
 Optonica 10093, 10165
 Orion 10236, 10463, 11911, 11905, 10179, 11463, 11929
 Panasonic 10054, 10250, 10051, 10161, 11410, 11927, 11947, 10037, 10055, 10650, 11924, 11946, 11919, 11941
 Panda 10051, 10706, 10817, 10264, 11910
 Penney 10047, 10156, 10051, 10060, 10030, 10178, 10135, 11347, 11926, 10018, 10027, 10039, 11919, 10003, 10021, 10032, 11907, 10019
 Philco 10054, 10180, 10030, 10178, 10628, 10474, 10020, 10037, 10096, 10186, 10774, 10019, 10032, 10056
 Philips 11454, 10054, 10000, 10051, 10030, 10178, 10474, 10019, 11154, 10092, 10187, 10774, 10024, 10037, 10056, 10186, 10690, 10020, 10032
 Pilot 10030, 10019, 10039
 Pioneer 10166, 10038, 10866, 10679
 Portland 10092, 10039, 10019
 Prima 10761, 10815, 10783, 11933, 10817
 Princeton 10717, 10700
 Prism 10051
 Proscan 11447, 10047, 11347, 11922
 Proton 10030, 10178, 10001, 10039, 10466, 10003, 10052, 10474
 Pulsar 10017, 10019
 Qingdao 10051, 10817, 10264
 Quasar 10250, 10051, 11924, 10165, 11919, 10055, 10650
 RadioShack 10047, 10154, 10180, 10030, 10178, 10032, 10056, 11920, 10165, 11904, 10019, 10039

RCA 11447, 10047, 11454, 10000, 10030, 10178, 10679, 11247, 11917, 10090, 11948, 11147, 10019, 11907, 11922, 10135, 11958, 11047, 11347, 10018, 11547, 10038, 11919, 10092, 11953
 Realistic 10154, 10180, 10030, 10178, 10056, 10019, 10039, 10165, 10032
 Rhapsody 10185
 Rowa 10748, 10037, 10817
 Runco 10017, 10030, 10603, 10497
 Ruyi 10817
 Saige 10817
 Sampo 10154, 10093, 10030, 10178, 10171, 10032, 10052, 10474, 11755, 10039, 10700, 10036, 10092, 10650
 Samsung 10154, 10156, 10060, 10812, 10702, 10030, 10178, 10019, 10056, 11060, 10092, 10474, 10774, 10032, 10817, 10090, 11903, 10264, 10766, 10814, 11150, 10179
 Samsux 10039
 Sanjian 10264
 Sansui 10463, 11904, 11929, 11911
 Sanyo 10154, 10156, 10180, 10145, 10376, 10474, 10036, 10893, 11907, 10159, 10280, 10424, 10799, 11154, 10157, 10264, 10381, 10798, 10088, 11150
 Sanyuan 10093, 10817
 Scimitsu 10019
 Scotch 10178
 Scott 10236, 10180, 10178, 10179, 10019
 Sears 10047, 10054, 10154, 10156, 10178, 10171, 11926, 11904, 10056, 10159, 10179
 Shancha 10817, 10264
 Shanghai 10264, 11910, 10817
 Shaofeng 10145, 10817
 Sharp 10093, 10030, 10157, 10386, 10650, 10720, 10032, 10851, 10256, 10491, 10689, 10818, 10039, 10165, 10474, 10688, 10787, 10036, 11917
 Sharper Image 11950
 Shen Ying 10092, 10003, 10474, 10179
 Shencai 10145, 10264
 Sheng Chia 10093, 10236, 10179, 11150, 10474
 Shenyang 10817, 10264
 Shogun 10019
 Signature 10016
 Simpson 10187, 10186
 Skygiant 10180
 Skyworth 10748, 10264, 10037, 10817
 Sony 11100, 10000, 10036, 10650, 11300, 10111, 11925, 10080, 10834, 11904
 Soundesign 10180, 10178, 10179, 10186
 Sowa 10156, 10051, 10060, 10178, 10036, 10092, 10474, 11150
 Spectricon 10003
 Squareview 10171
 SSS 10180, 10019
 Starlite 10180
 Studio Experience 10843
 Supre-Macy 10046
 Supreme 10000
 SVA 10748, 10587, 10865, 10872, 10768, 10871, 10870
 Sylvania 10054, 10030, 10171, 11931,

Symphonic 10381, 11944, 10020, 10096
 Synco 10180, 10171, 11913, 11904, 10000, 10451, 10093, 10060, 10178, 10092, 10036, 10474, 10178, 10179, 11150, 10092, 10474
 Tacico 10178, 10179, 11150, 10092, 10474
 Tai Yi 11150
 Taishan 10817, 10391
 Tandy 10093
 Tashiko 11150, 10650, 10092
 Tatung 10054, 10154, 10156, 10051, 10060, 11150, 10047, 10036, 10055, 11756, 10003
 Technics 10250, 10051
 Technol Ace 10179
 Techview 10847
 Techwood 10051, 10003, 10056
 Teco 10051, 10093, 10178, 10474, 10036, 10280, 10092, 10264, 10653
 Teknika 10054, 10180, 10150, 10060, 10019, 10056, 10186, 10016, 10092, 10039, 10179
 Telefunken 10702, 10056
 Tera 10030, 10466, 10474
 Thomas 11904
 Tiane 10093, 10817
 TMK 10178, 10177, 10056
 TNCi 10017
 Tobo 10748, 10264
 Tongguang 10264
 Toshiba 10154, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10650, 11150, 11656, 11935, 10161, 10509, 10845, 11356
 Tosonic 10185
 Totevision 10039
 Trical 10157
 Tuntex 10030, 10474, 10092
 TVS 10463
 Ultra 10391
 Universal 10027
 V Inc. 11756, 10885, 10864
 Vector Research 10030
 Victor 10250, 10053, 10160, 10650, 10376, 10036, 10653
 Vidikron 10054
 Videch 10178, 10019, 10036
 Viewsonic 10857, 11755, 10885, 10864
 Viking 10046
 Wards 10054, 10030, 10178, 10020, 10080, 10165, 10866, 10019, 10027, 10056, 10111, 10179, 10016, 10021, 10096
 Warumaia 10391
 Waycon 10156
 Westinghouse 10889
 White Westinghouse 10463, 10186, 11909, 10623
 Xiahua 10817, 10264
 Xiangyang 10264
 Xihu 10817, 10264
 Xinghai 10264
 Xinrisong 11910
 Xuelian 11910
 Yamaha 10030, 10838, 10019, 10833, 10769, 10839
 Yapshe 10250
 Yongbao 11910
 Youlanasi 10817
 Yusida 11910
 Zenith 10017, 10463, 10178, 11911, 10016, 11909, 10092, 11904, 11929
 Zonda 10003

APPENDIX B – PRESET MEMORY CODES continued ...

for units shipped September 2005 and later

VCRs:

ABS 21972
Admiral 20048, 20209
Adventura 20000
Aiko 20278
Aiwa 20037, 20000, 20307, 20468, 20124, 20406, 20348, 20479
Akai 20041, 20061, 20175, 20106
Alienware 21972
America Action 20278
American High 20035
Amoisonic 20479
Anam 20162, 20037, 20240, 20278, 20226, 21037
Anam National 20162, 20226
Asha 20240
Audiovox 20037, 20278
Beaumarck 20240
Bell & Howell 20104
Blaupunkt 20226
Broksonic 20184, 20121, 20209, 20002, 20348, 20295, 21479, 20479
Calix 20037
Canon 20035, 21174, 20167
Carver 20081
CCE 20072, 20278
Changhong 20048, 20081
Citizen 20037, 20278, 21278
Colt 20072
Craig 20037, 20047, 20240, 20072, 20271
Curtis Mathes 20060, 20035, 20162, 20041, 20240, 21035
Cybernex 20240
CyberPower 21972
Daewoo 20045, 20104, 20278, 20210, 20368, 21278, 20637, 20046, 20212, 20561
Dell 21972
Denon 20042
DirecTV 20739, 21989, 21954, 21949
Dish Network System 21943, 21946, 21945, 21944
Dishpro 21944, 21943
Durabrand 20039, 20038
Dynatech 20000
Echostar 21943, 21946, 21945, 21944
Electrohome 20037
Electrosonic 20037
Emerex 20032
Emerson 20035, 20037, 20184, 20240, 20045, 20000, 20121, 20043, 20209, 20002, 20278, 20295, 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212
Euro1 21962
Expressvu 21944
Fisher 20047, 20104, 20066, 20054
Fuji 20035, 20033
Fujitsu 20045, 20052, 20366
Funai 20000, 20593, 21593
Garrard 20000
Gateway 21972
GE 20060, 20035, 20240, 21060, 20202, 20760, 21035, 20807, 20226, 20761
General 20045, 20366, 20052
Go Video 20643, 20526, 20432
GOI 21944
GoldStar 20037, 20209, 20038, 20226, 20225, 21237
Gradiente 20000
Haojie 20240
Harley Davidson 20000
Harman/Kardon 20081, 20038
Harwood 20072, 20068
Hauppauge 21992
Headquarter 20046
Hewlett Packard 21972
HI-Q 20047
Hitachi 20037, 20000, 20042, 20041,

20166, 20105, 20089
Howard Computers 21972
HP 21972
HTS 21944
Hughes Network Sys 20042, 21949, 20739
Hyundai 21951
iBUYPOWER 21972
Jensen 20041
JVC 20045, 20067, 20041, 21945, 20008, 21944, 20384, 20366
KEC 20037, 20278
Kenwood 20067, 20041, 20038, 20384
KLH 20072
Kodak 20035, 20037
Kolin 20043, 20041
LG 20037, 20045, 20042, 20209, 20038, 22010, 21037, 20040
Lloyd's 20000, 20208
Logik 20072
LXI 20037
Magnasonic 21278, 20593
Magnavox 20035, 20039, 20081, 20000, 20593, 20563, 20110, 21781
Magnin 20240
Marantz 20035, 20081, 21381
Marta 20037
Matsushita 20035, 20162, 20226, 21162, 20367, 20227
Media Center PC 21972
MEI 20035
Memorex 20035, 20162, 20037, 20048, 20039, 20047, 20240, 20000, 20104, 20209, 21237, 20046, 20479, 21162, 20348, 21048, 21262, 20307, 21037
MGA 20240, 20043, 20061
MGN Technology 20240
Microsoft 21972
Mind 21972
Minolta 20042, 20105
Mitsubishi 20067, 20043, 20041, 20061, 20807, 20173
Motorola 20035, 20048
MTC 20240, 20000
Multitech 20000, 20072
NAD 20058
National 20226
NEC 20035, 20037, 20048, 20104, 20067, 20041, 20038, 20040, 20008, 20370
Newave 20037
Nikko 20037
Nikon 20253, 20034
Noblex 20240
Northgate 21972
Olympus 20035, 20226, 21046
Onkyo 20222
Optimus 21062, 20162, 20037, 20048, 20104, 21048, 21262, 20593, 21162, 20058, 20432
Optonica 20062
Orion 20184, 20209, 20002, 20479, 20295, 21479
Panarex 21950
Panasonic 21062, 20035, 20162, 20077, 20226, 20616, 21162, 20225, 20367, 20227, 21035, 21262
Pansat 21950
Penney 20035, 20037, 20240, 20042, 20038, 21035, 20040, 20054, 21237
Pentax 20042, 20105
Philco 20035, 20000, 20226, 20479
Philips 20035, 20081, 20000, 20226, 20739, 21381, 20110, 20618, 21181, 20563, 21081, 21949, 20062
Pilot 20037
Pioneer 20042, 20067, 20058
Polk Audio 20081
Profitronic 20240
Proscan 20060, 20760, 21954, 20202,

21060, 20761
Protec 20072
Pulsar 20039
Qisheng 20060
Quarter 20046
Quartz 20046
Quasar 20035, 20162, 21035, 20077, 21162
RadioShack 20000, 21037
Radix 20037
Randex 20037
RCA 20060, 20035, 20240, 20000, 20042, 20807, 21060, 21989, 20106, 20761, 21035, 20058, 21964, 20105, 20226, 20760, 20880, 21954, 20077, 20202, 20453
Realistic 20035, 20037, 20048, 20047, 20000, 20104, 20066, 20046, 20062
ReplayTV 20614, 20616
Ricoh 20253, 20034
Runco 20039
Sampo 20037, 20048
Samsung 20240, 20045, 20212, 20760, 20210, 20432, 21014
Samtron 20643
Sanky 20048, 20039
Sansui 20000, 20067, 20209, 20041, 20479, 20271, 21479
Sanyo 20047, 20240, 20104, 20046, 20159, 20369, 20368
Scott 20184, 20045, 20121, 20043, 20210, 20212
Sears 20035, 20037, 20047, 20000, 20042, 20104, 20046, 20066, 21237, 20054, 20105
Sharp 20048, 20209, 20363, 20848, 20807, 20062, 20738, 21048
Shinco 20000
Shintom 20072
Shogun 20240
Singer 20072
Sonic Blue 20614, 20616
Sony 20035, 20032, 20033, 20000, 20253, 20639, 21232, 21972, 20636, 21032, 21957, 20034, 20586, 20640, 21956
STS 20042
Sunpak 20253
Sylvania 20035, 20081, 20000, 20043, 20110, 21781, 21593, 20593
Symphonic 20000, 21593, 20593
Systemax 21972
Tagar Systems 21972
Tashiko 20037
Tatung 20045, 20067, 20041, 20366, 20008
Teac 20000, 20041
Technics 20035, 20162
Teco 20035, 20037, 20048, 20041, 20038, 20040
Teknika 20035, 20037, 20000, 20052
Thomas 20000
Tivo 20739, 21957, 20636, 21956, 20618, 21503
TMK 20240, 20208, 20036
Toshiba 20045, 20067, 20043, 20041, 20210, 20384, 21008, 21972, 20366, 20845, 21503, 20066, 20212, 20828, 21145, 20008
Totevision 20037, 20240
Touch 21972
UltimateTV 21989
Unitech 20240
Vector 20045
Vector Research 20038, 20040
Victor 20067, 20041, 20008, 20384
Video Concepts 20045, 20040, 20061
Video magic 20037
Videosonic 20240
Viewsonic 21972

APPENDIX B – PRESET MEMORY CODES continued ...

for units shipped September 2005 and later

VCRs continued:

Villain	20000
Wards	20060, 20035, 20048, 20047, 20081, 20240, 20000, 20042, 20072, 20062, 20212, 20760
White Westinghouse	20209, 20072, 20637
XR-1000	20035, 20000, 20072
Yamaha	20041, 20038
Zenith	20039, 20033, 20000, 20209, 20034, 20479, 21479, 21139, 20637
ZT Group	21972

Video Accessories:

ABS	01272
Alienware	01272
CyberPower	01272
Gateway	01272
Hewlett Packard	01272, 01267
Howard Computers	01272
HP	01272
iBUYPOWER	01272
InterVideo	01393
Jensen	01165
JVC	01384
Keyspan	01344
KWorld	01403
LG	01415
Linksys	01365
Macro Image Tech	01383
Media Center PC	01272
Microsoft	01272
Mind	01272
Motorola	01363

MyHD	01383
Northgate	01272
Panasonic	01120
Pinnacle Systems	01268
Pioneer	01010
Princeton	00113, 00295
Rabbit	00081
Roku	01486
Samsung	01190, 01490
Sensory Science	01126
Sharp	01010
SMC	01456
Sony	01272, 01324, 01364
Streamzap	01309
Systemax	01272
Tagar Systems	01272
TeleCaption	00171
Toshiba	01272
Touch	01272
Viewsonic	01272, 01329
ZT Group	01272

SEARCHING FOR A CODE

1. Turn the component on (e.g. the DVD player).
2. Press the matching **Path/Device** key (e.g. DVD).
3. Press and hold **LEARN** until the LED flashes twice, then press **9, 9, 1**.
4. Press **0** for cable converters, satellite receivers, or video accessories, **1** for TVs, **2** for DVD players or VCRs, or **3** for CD players or audio amps/tuners.
5. Aim the remote towards the player, and select a test function, such as **POWER** (or Play).
6. If the player responds, press and release **LEARN** to lock the code. If the player does not respond, press **CH+** to try the next code. The remote sends the most popular codes first. Note: **CH-** goes back to the previous code.

For future reference, record the code as follows: Press and hold **LEARN** until the LED flashes twice, then press **9, 9, 0, 1**. Wait 3 seconds and count the number times that the LED flashes. This represents the first digit (e.g. 3 flashes = 3, no flash = 0) – write this down. Next, press **2** for the second digit, **3** for the third digit, **4** for the fourth digit, **5** for the fifth digit (if applicable) and write down the number of flashes each time.

PROGRAMMING MACROS

Macros are used to execute multiple functions, such as powering-on the Statement D1, cable box, and monitor with a single key press. Up to 32 commands total can be programmed.

Programming a Macro that works regardless of Path/Device setting:

1. Press and hold **LEARN** until the LED flashes twice.
2. Press **9, 9, 5**, then the key you want to use to activate your macro (e.g. Power).
3. Enter the command sequence that you want the macro to execute.
4. To exit, press and hold **LEARN** until the LED flashes twice, or wait 10 seconds.

To clear the macro, repeat the steps above, but skip step 3.

Programming a Macro that works only in a specific a Path/Device setting:

1. Press the Path/Device key.
2. Press and hold **LEARN** until the LED flashes twice.
3. Press **9, 7, 8**, then the key you want to use to activate your macro (e.g. Power).
4. Enter the command sequence that you want the macro to execute.
5. To exit, press and hold **LEARN** until the LED flashes twice, or wait 10 seconds.

To clear the macro:

1. Press and hold **LEARN** until the LED flashes twice, then release.
2. Press **9, 7, 8**, then the Path/Device key where you programmed the macro.
3. Press the macro's activation key (e.g. Power).
4. To exit, press and hold **LEARN** until the LED flashes twice, or wait 10 seconds.



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