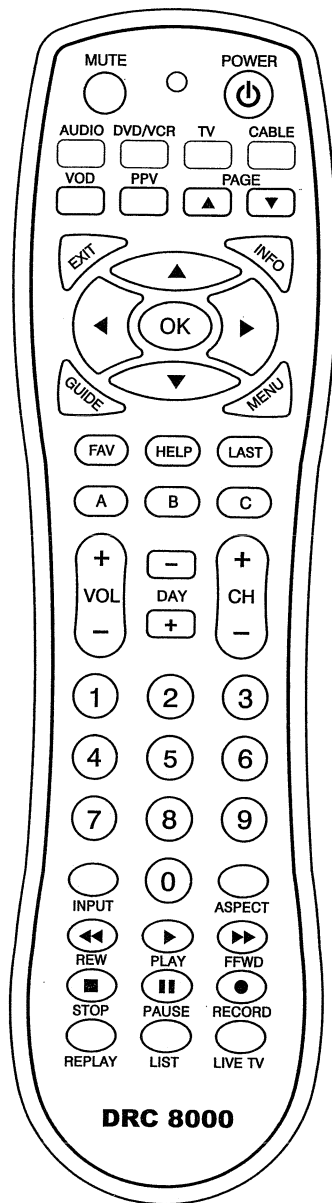


DRC8000

Universal Remote Control

USER'S MANUAL



INSTALL TWO AAA BATTERIES.






The DRC8000 is already programmed to control the Motorola Digital Cable Box.

USING YOUR REMOTE










To select a device to control, simply press one of the device mode keys (TV, AUDIO, DVD/VCR, CABLE) at the top of your remote. After you set up the remote to control that device, you may begin using the device.

see "Programming Device Control" for more information on identifying a specific device to a device key.

Press this Key to...

	Turn the selected device ON or OFF
MUTE	Mute current audio feed
Audio, DVD/VCR, TV, Cable	Select a device
	Direct access to Video On Demand (VOD), where available
	Direct access to Pay Per View (PPV) Programming (where available)
	Move up or down through menu Screens or the Electronic Program Guide
	Exit any On-Screen Display (OSD) and return to regular viewing

Press this Key to...

	Display channel and program information
	Access the cable guide
	Access any OSD for the currently selected device
	Move up through any OSD or cable guide menu
	Move down through any OSD or cable guide menu
	Move left through any OSD or cable guide menu
	Move right through any OSD or cable guide menu
	Select the currently highlighted OSD menu or cable guide choice
	Jump among pre-selected favorite channels (only available in CABLE mode)
	NOTE: Favorite channels must be preselected through the Electronic programming Guide before this key works.



Press this Key to...



Display the help screen(only available in CABLE mode)



Return to last selected channel



These functions are set by your cable provider



These functions are set by your cable provider



These functions are set by your cable provider

VOL +/-

Increase or decrease volume

CH +/-

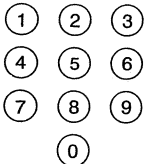
Select the next or previous channel



DAY



View the previous or next day's cable guide



Enter a channel or device code number. To access channels lower than 100, you may need to enter 3 digits. For example, to access channel 2, press 0-0-2. For channel 22, press 0-2-2.



INPUT

Select the video source

Press this Key to...



ASPECT

Change the viewing aspect (if available)



REW

Rewind VCR, DVD, VOD or DVR



PLAY

Play VCR,DVD,VOD or DVR



FFWD

Fast Forward VCR, DVD, VOD or DVR



STOP

Stop VCR, DVD, VOD or DVR



PAUSE

Pause VCR, DVD, VOD or DVR



RECORD

Record to VCR or DVR

REPLAY

Replay the previous few seconds of a program (only available with DVR models)

LIST

Display a list of program that you recorded. This will allow you to select one for viewing (only available with DVR models)

LIVE TV

Displays live television programming (only available with DVR models)

PROGRAMMING FOR YOUR CABLE BOX / SATELLITE RECEIVER

Look up the manufacturer of your Cable Box or Satellite Receiver in the DEVICE CODES section and note the three-digit code

- 1) Turn on your Cable Box or Satellite Receiver.
- 2) Press and hold "CABLE"key and the "POWER" key at the same time until the indicator is on.
- 3) Enter the three-digit code.
- 4) If your Cable Box or Satellite Receiver turns off, press the "CABLE" key. (If your Cable Box or Satellite Receiver doesn't turn off, enter the other three -digit code continuously until the Cable Box or Satellite Receiver turns off.)
- 5) If the programming is correct, the indicator will blink twice.

PROGRAMMING FOR YOUR TV

Look up the manufacturer of your TV in the DEVICE CODES section and note the three-digit code.

- 1) Turn on your TV.
- 2) Press and hold the "TV" key and the "POWER" key at the same time, until the indicator is on.
- 3) Enter the three-digit code.
- 4) If your TV turns off, press the "TV" key. (If your TV doesn't turn off, enter the other three - digit code continuously until the TV turns off.)
- 5) If the programming is correct, the indicator will blink twice.

PROGRAMMING FOR YOUR VCR or DVD or DVR or COMBO TV/VCR

Look up the manufacturer of your VCR or DVD or DVR or ComBo TV/VCR in the DEVICE CODES section and note the three-digit code.

- 1) Turn on your VCR or DVD or DVR or ComBo TV/VCR.
- 2) Press and hold the "DVD/VCR" key and the "POWER" key at the same time until the indicator is on.

- 3) Enter the three-digit code.
- 4) If your VCR or DVD or DVR or ComBo TV/VCR turns off, press the "DVD/VCR" key. (If your VCR or DVD or DVR or ComBo TV/VCR doesn't turn off, enter the other three-digit code continuously until the VCR or DVD or DVR or ComBo TV/VCR turns off.)
- 5) If the programming is correct, the indicator will blink twice.

※ NOTE : If all functions fail to work on the VCR or DVD or DVR or Combo TV/VCR, reprogram the remote to another manufacturer's device set up code that will turn off the VCR or DVD or DVR or COMBO TV/VCR.

PROGRAMMING FOR YOUR CD PLAYER or LASER DISC or HOME AUTOMATION

Look up the manufacturer of your CD Player or Laser Disc or Home automation in the DEVICE CODES section and note the three-digit code.

- 1) Turn on your CD Player or Laser Disc or Home automation.
- 2) Press and hold "AUDIO" key and "POWER" Key at the same time, until the indicator is on.
- 3) Enter the three-digit code.
- 4) If your CD Player or Laser Disc or Home automation turns off, press the "AUDIO" key. (If your CD Player or Laser Disc or Home automation doesn't turn off, enter the other three-digit code continuously until the CD Player or Laser Disc or Home automation turns off)
- 5) If the programming is correct, the indicator will blink twice.

PROGRAMMING VOLUME CONTROL

The DRC8000 is already programmed to control volume and mute functions through your the Motorola Digital Cable Box in your Cable mode.

1. To control volume and mute functions of your TV while in your Cable mode
- Press and hold the "CABLE" key and the

"POWER" key at the same time until the indicator is on.
 Press the "TV" key.
 Then the indicator will blink twice.
 To control volume and mute functions of your Cable Box while in your Cable mode.
 Press and hold the "CABLE" key and the "POWER" key at the same time until the indicator is on.
 Press the "MUTE" key.
 Then the indicator will blink twice.

CODE SEARCH

You can't seem to find the correct code for your TV.
 Turn on your TV.
 Press and hold the "TV" key and the "POWER" key at the same time until the indicator is on.
 Now, repeatedly press the "CH+ or CH-" key until your TV turns off. You may need to press "CH+ or CH-" key a number of times.
 When the TV turns off, press "TV" key to lock in the code.
 Then the TV indicator will blink twice to indicate that the code is accepted.
 Now, the TV set code is programmed.

NOTE : To find your VCR(or DVD or DVR or ComBo TV/VCR), AUDIO(CD Player or Laser Disc or Home automation) use the same procedure but substitute the VCR/DVD, AUDIO key for the "TV" key.

CHECKING THE CODE NUMBER

You forget the three-digit code for your TV (VCR(DVD or DVR or ComBo TV/VCR) or Cable Box(Satellite Receiver) or AUDIO(CD Player or Laser Disc or Home automation)).
 Press and hold "POWER" key and "TV" key (or VCR(DVD, DVR, ComBo TV/VCR) or CABLE or AUDIO(CD Player, Laser Disc, Home automation)) at the same time until the indicator is on.
 Press "INFO" key.

- 3) Press number "1" key.
 Then the indicator will blink as many times as the number of the first setting code in a three-digit code.
 - 4) Press number "2" key.
 Then the indicator will blink as many times as the number of second setting code in a three-digit code.
 - 5) Press number "3" key.
 Then the indicator will blink as many times as the number of third setting code in a three-digit code.
 For example,
 In case of setting code is "9" :
 - The indicator will blink nine times.
 In case of setting code is "0" :
 - The indicator will not blink.
- *** In case of release,
 - Press mode (TV, VCR/DVD, Cable, AUDIO) key. Then the indicator will blink twice.

CHANGING THE MODE

The remote control functions in one of four modes at a time. These modes are Cable(Satellite Receiver) mode, TV mode, VCR(DVD, DVR, ComBo TV/VCR) mode, or AUDIO (CD Player, Laser Disc, Home automation) mode.
 To change mode, the user momentarily presses the desired mode key(Cable, TV, VCR/DVD, AUDIO).

RESTORATION OF CABLE CODES

Your Cable codes may be restored to the your CATV mode in the following way.

- 1) Turn on your Cable Box.
- 2) Press and hold the "CABLE" key and the "POWER" key at the same time until the indicator is on.
- 3) Enter "2" and "0" and "1".
- 4) Your Cable Box turns off, press the "CABLE" key.
- 5) If the programming is correct, the indicator will blink twice. Now, the Cable Box will work by DRC8000 remote control.

DEVICE CODES

SET UP CODES FOR CABLE BOX

ABC	107,109,113,117,131,135,144
ALLEGRO	018,112
AMERICAST	120
ANTRONIX	045,121
ARCHER	045,121,130,132
CABLETENNA	121
CABLEVIEW	121
CENTURY	132
COLOUR VOICE	002,003
COMTRONICS	039,110
CONTEC	114
DIRECTOR	202
GARRARD	132
GC ELECTRONICS	045
GEMINI	045,048
GE	128
GENERAL INSTRUMENT	202,092,099,100,108,124,125,126,127,131,133,135,141,143,146
HAMLIN	139,142,145
HITACHI	135
HYTEX	144
JASCO	132
JERROLD	202,019,020,048,107,109,117,125,126,127,131,135,140
MAGNAVOX	111
MEMOREX	106
MOTOROLA	201,202
MOVIE TIME	033,144
NSC	033,144
OAK	006,114,144
PANASONIC	123,129
PHILIPS	002,003,021,048,052,084,111,132
PIONEER	204,005,091,093,102,122
PULSAR	106
RADIO SHACK	112
RCA	129
REALISTIC	045
REGAL	145
REMBRANDT	135
RUNCO	106
SAMSUNG	005,039

SCIENTIFIC	204,205,091,096,097,098,113,115,118,122
ATLANTA	039,048
SIGNAL	135
SIGNATURE	039
SL MARX	129
SPRUCER	086
STANDARD COMPONENTS	048,117,131
STARCOM	039,048
STARGATE	014
STARSIGHT	119
STAR SIGHT CABLE SERVICE	048
STARQUEST	116
STAR TRAK	047
TANDY	039
TELEVIEW	086
TEXSCAN	101, 107,146
TOCOM	106
TOSHIBA	048
TUSA	033
TV 86	045,121,132
UNIKA	144
UNITED ARTISTS	131
UNITED CABLE	045,121,130,132,136
UNIVERSAL	037
VIDEOWAY	033,047,110,111
VIEWSTAR	036
VIDEO TECH	014,018,030,038,057,103,104,106,112,120,134,137,138,200
ZENITH	105

NEW MODEL

SET UP CODES FOR SATELLITE RECEIVER

CHANNEL MASTER	155,159,164
CHAPPARAL	168,170,174
CHEYENNE	174
DISH NETWORK	192
DRAKE	069,070,072
DX ANTENNA	156,158
ECHOSPHERE	192
ECHOSTAR	160,165,171,192
FUJITSU	176,182
GE	152,184
GENERAL INSTRUMENTS	016,147,149,188,191,195,198
HITACHI DBS	180,185
HUGHES SATELLITE DBS	163,167,173,185,197
JERROLD	050

KENWOOD	161	CARVER	188	091,094,096,100,119,	ONWA	035
LUXOR	165	CETRONIC	035	138,139,158,161	OPTIMUS	183,184
MACOM STATE	172	CINERAL	185,186	INFINITY	OPTONICA	049,068
MAGNAVOX DBS	194	CITIZEN	001,002,034,035,076,	INKEL	ORION	191,193
MEMOREX	199		079,096,106	JBL	PANASONIC	081,109,116,117,128,
NORSTAT	177,183	CLASSIC	035	JCPENNY		129
PANASONIC DBS	151	CONCERTO	002		PENNEY	180,182,183,187,192
PRIMESTAR	053	CONTEC	032,035,172		PHILCO	001,002,006,021,066,
PHILIPS	194	CORONADO	081,096	JENSEN		096,097,098,100,105,
PROSCAN	152,184	CRAIG	035,107	JVC		106,109,110,129,133
RCA DBS	152,184	CROSLEY	188		PHILIPS	001,002,066,088,097,
REALISTIC	154,196	CROWN	035,096,100,190	KEC		098,106,109,110,157,
SCIENTIFIC ATLANTA	157	CURTIS MATHES	001,002,076,096,120,	KENWOOD		173
SIERRA I, II, III	174		155	KLOSS	PILOT	183
SONY DBS	189	CXC	035	KMC	PIONEER	001,002,057,058,059,
STAR SIGHT	197	DAEWOO	000,002,005,013,016,	KTV		064,104,139
STAR TRAK	162		033,034,035,040,047,	LODGENET	PORTLAND	002,096,100
STS	158,169,175		055,074,075,083,084,	LOGIK	PROSCAN	147,148,149,150,155,
SUPER GUIDE	166		086,096,098,124,142	LUXMAN		170
TOSHIBA	181	DAYTRON	002,096	LXI	PROTON	002,015,022,027,028,
TOSHIBA DBS	148,150,179	DENON	189			096
UNIDEN	178,187	DUMONT	183	MAD	PULSAR	183
UNIDEN DBS	197	DYNASTY	035	MAGNAVOX	QUASAR	081,116,117,129
VIDEO CIPHER II	070	DYNATECH	162		RADIO SHACK	002,035,049,096,098
ZENITH	063,069,070,071,072,	EARTHWALK	194		RCA	001,002,006,122,123,
	153,186	ELECTROBAND	047,096,133			129,133,139,140,147,
		EMERSON	002,006,007,023,031,	MAJESTIC	REALSITIC	148,149,155,156
			032,035,038,039,041,	MARANTZ	RUNCO	039,041,043,049,051
			042,044,046,047,096,	MATSUI		119,121,137,166,167,
			100,159,173	MEGATRON		168,171
		ENVISION	183	MEMOREX	SAMPO	001,002,022
ADMIRAL	068,119,120,147,149,	FISHER	025,026,043	METZ	SAMSUNG	002,073,076,078,096,
	155	FUJITSU	193	MGA		098,100,114,126,149,
AIKO	185	FUNAI	007,035	MGAMITSUBISHI		172
AKAI	001,006,067	FUNAI TV/VCR	060	MIDLAND	SANSEI	186
ALARON	193	FUTURETECH	035	MINERVA	SANSUI	191
AMARK	012,020,096,100	GENERAL ELECTRIC	001,002,031,080,	MONUTX	SANYO	025,026,030,036,037,
AMERICA ACTION	190		081,082,112,116,117,	MITSUBISHI		043,103,145,169
AMPRO	121,170		121,129,147,148,149,		SCIMITSU	183
ANAM	008,012,013,107,128,		155,156,167	MONTGOMERY WARD	SCOTCH	183
	129	GIBRALTER	183		SCOTT	002,007,035,042,096
AOC	001,002,006,012,022	GOLDSTAR(LG)	002,003,006,009,010,	MOTOROLA	SEARS	002,007,025,026,030,
ARCHER	187		011,012,019,087,096,	MTC		043,052,078,096,099,
AUDIOVOX	047		098,100	MULTITECH		100,101,145,149
BAYSONIC	190	GRADIENTE	183	NAD	SELECO	160
BELCOR	183	GRUNPY	190,193	NEC	SEMP	182
BELL&HOWELL	120	HALL MARK	002		SHARP	002,007,048,049,050,
BRADFORD	190	HARLEY DAVIDSON	193	NIKEI		051,068,069,070,071,
BROCKWOOD	183	HARMAN/KARDON	188	NIKKO		096,100,137,164,165
BROKSONIC	042,044	HARVARD	190	NTC	SHOGUN	183
CANDLE	001,002,079,106,183	HITACHI	002,043,077,089,090,	ONKING	SIGNATURE	006,007,051,066,069,
CAPEHART	022					
CARNIVALE	183					

SET UP CODES FOR TV

SMIVOX 190
 SONY 018,024,043,061,062,125,173
 SOUNDESIGN 002,007,035,106
 SPECTRICON 012
 SSS 002,035,183,190
 STARLITE 190
 SUPREMACY 079
 SYLVANIA 001,021,066,074,097,098,105,106,109,110,112,149
 SYMPHONICS 053
 TANDY 068
 TATUNG 081,129,162
 TECHNICS 116,128
 TECHNOL ACE 193
 TECHWOOD 002
 TEKNIKA 002,007,035,041,076,079,096,100,106,110,119,120,133
 TELEFUNKEN 183
 TELERENT 100,119,120
 TERA 014
 TMK 002
 TOSHIBA 008,043,052,076,078,099,101,162
 TOTEVISON 096
 UNIVERSAL 080,082
 VECKTOR RESEARCH 183
 VIDEO CONCEPTS 067
 VIDIKRON 108,163
 VIDTECH 002
 WARDS 002,007,021,049,066,080,082,096,105,109,119,156
 WESTING HOUSE 047
 WHITE WESTING HOUSE 191
 YAMAHA 001,002
 YORX 002
 YUPITERU 035
 ZENITH 034,040,119,121,131
 ZENITH TV/VCR 060,087
 ZONDA 012

SET UP CODES FOR VCR

ADMIRAL 074
 AIWA 000,090
 AKAI 030,049,050,051,055,060

AMPRO 099
 ANAM 084,089
 AUDIO DYNAMICS 016,020,030
 Bell&Howell 005,109
 BROKSONIC 040,053,054,059,105
 CANON 057,087,089
 CAPEHART 019
 CITIZEN 063
 CRAIG 001,012
 CURTIS MATHES 087,089,092
 DAEWOO 018,019,025,042,043,048,064,065,070,094,095,109
 DAX 016,020,030
 DAYTRON 018,019
 DBX 020,030
 DYNATECH 075,090
 ELECTROHOME 007
 EMERSON 017,021,040,041,045,046,048,051,053,054,058,059,060,062,066,089,090,104,105,106
 FISHER 038,039,109
 FUNAI 090
 GENERAL ELECTRIC 012,087,089,096,097,099,108,112,114,116,143,144
 GO VIDEO 003,004,012,014
 GOLDSTAR(LG) 020,062,063,078
 HARMAN KARDON 020,052
 HITACHI 022,030,069,077,078,079,090,112
 INSTANT REPLAY 087,088,089
 J.C.PENNEY 012,020,062,078,079,087,088,089
 JCL 089
 JENSEN 030
 JVC 006,007,020,022,024,026,027,029,030,089
 KENWOOD 005,022,029,030,090
 LLOYD'S 090
 LOGIK 015
 LXI 038,048,062,063,078,090
 MAGNIN 012
 MAGNAVOX 031,032,034,035,087,089,090,092,100
 MARANTZ 020,031,033,034,089
 MARTA 062,063
 MATSUI 045,056
 MEI 089

MEMOREX 005,012,013,062,075,086,087,089,090,099
 MGA 007,051,052
 MINOLTA 078
 MITSUBISHI 007,009,010,051,052,076,078,091,111
 MONTGOMERY WARD 037,074,087,090,108,110
 MTC 012,090
 MULTITECH 015,090
 NEC 016,020,029,030
 NORDMENDE 030
 OPTONICA 036,075
 ORION 041
 PANASONIC 080,085,087,089,101,102
 PENTAX 078,079,089,112
 PHILCO 031,087,089,090
 PHILIPS 022,031,036,062,087,088,089,090
 PILOT 062
 PIONEER 029,078,079,082,083
 PORTLAND 018,019
 PULSAR 099
 QUARTZ 005
 QUASAR 005,080,085,087,089,101,102
 RADIO SHACK 062
 RCA 012,078,079,080,088,089,090,092,096,097,108,113,114,115,116,118
 REALISTIC 005,012,036,039,062,074,075,087,089,090,109
 RICO 067
 RUNCO 099
 SALORA 005
 SAMSUNG 008,012,048,049,081,114,116
 SANSUI 001,029,030
 SANYO 005,012,013
 SCOTT 009,040,046,048,054
 SEARS 005,038,039,048,062,063,078,079,109,117
 SHARP 036,073,074,075,089
 SHINTOM 015
 SIGNATURE 037,074,087,090,108,110
 SONY 038,067,068,071,072,075,089

SOUNDESIGN 090
 STS 078
 SYLVANIA 007,031,034,087,088,089,090
 SYMPHONIC 090
 TANDY 090,109
 TASHIKO 063
 TATUNG 030
 TEAC 030,090
 TECHNICS 089,101
 TEKNIKA 047,062,089,090
 THOMAS 090
 TMK 017
 TOSHIBA 007,022,039,044,048,078,079
 TOTEVISION 012,062
 UNITECH 012
 VECTOR RESEARCH 009,020
 VICTOR 029
 VIDEO CONCEPTS 020,051,090
 VIDEO SONIC 012
 WARDS 012,015,036,048,075,078,089,090
 YAMAHA 020,030,090
 ZENITH 027,029,062,067,090,093,098,099,104

SET UP CODES FOR COMBO TV/VCR

ADVENTURA 121,129
 BROKSONIC 136,137
 DAEWOO 124,125
 EMERSON 122,123,133,134
 FUNAI 121,129
 GOLDSTAR(LG) 132,135,138,139
 HITACHI 121,129
 LXI 121,129
 MAGNAVOX 120,128,130
 PANASOINC 126,127
 RCA 120
 RS 126,127
 SAMSUNG 131
 SANSUI 136,137
 SHARP 119,120
 SYLVANIA 121,129
 SYMPHONIC 121,129
 XR-1000 121,129
 ZENITH 121,124,129,132,135,136,137,138,139

SET UP CODES FOR DVR

PANASONIC	140
PHILIPS	141
REPLAY TV	140,221
SONIC BLUE	140,221
SONY	142
TIVO	141,142

SET UP CODES FOR DVD

ADVENT	200
ALLEGRO	194
APEX DIGITAL	167,172,173,177,178, 179,187,206,209,217
AUDIOVOX	176
BLAUPUNKT	172
BLUE PARADE	157
BROKSONIC	169,193
CINEVISION	196
CURTIS MATHES	208
CYBERHOME	183
DAEWOO	175,188
DENON	147,222
DVD2000	149
EMERSON	160,168,185
ENTERPRISE	160
FISHER	166
FUNAI	168
GE	150,172,182,223,224
GO VIDEO	171,174
GPX	170
GREENHILL	172
HARMAN/KARDON	159
HITACHI	146,158
HITEKER	167
INITIAL	172
JENSEN	200
JVC	156,161,192,213
KENWOOD	147,153
KLH	172,176,201
KOSS	165
LASONIC	180
LITE-ON	205
LG	225
MAGNAVOX	148,168,220,226
MARANTZ	154
MEMOREX	169
MICROSOFT	150
MINTEK	172,189
mitsubishi	149,211,227

MOTOROLA	203
MOXELL	203
NESA	172
NORCENT	199
ONKYO	148
ORITRON	165
PANASONIC	147,163,210,212,216, 228
PHILIPS	148,154,164,190,197
PIONEER	151,157,163,214,229
POLK AUDIO	154
PRIMA	200
PROSCAN	150
PROVIEW	203
QWESTAR	165
RCA	150,157,172,176,186, 202
RIO	194
ROTEL	161
SAMSUNG	158,184,198,207,218, 230
SANSUI	169
SANYO	166,169,195
SHARP	162
SHINSONIC	152,189
SONIC BLUE	194
SONY	152,191,215,219,231
SYLVANIA	168,185
SYMPHONIC	168
TEAC	176
TECHNICS	147
THETA DIGITAL	157
TOSHIBA	148,169,204
TREDEX	181
URBAN / CONCEPTS	148
VENTURER	176
XBOX	150
YAMAHA	147,154,155,232
ZENITH	148,160,194,232

**SET UP CODES FOR
DVD/VCR COMBO**

HITACHI	145,146
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SET UP CODES FOR CD PLAYER

AKAI	000,011
CROWN	001
DENON	002

FISHER	003,025
LG(GOLDSTAR)	037
Harman/Kadon	004
JVC	005
KENWOOD	006,007,028
MAGNAVOX	009
MITSUBISHI	010
NAD	012,013,034
NAKAMICHI	014,015
NEC	016
ONKYO	017
PANASONIC	018,019
PHILIPS	008,020,021,041
PIONEER	022,042
RADIO SHACK	023,026,027
RCA	024
SANYO	043
SHARP	030
SONY	030,031,032,044
SOUNDESIGN	038,046
TEAC	033
TECHNICS	036
YAMAHA	035,048,049,050,051, 052,053,054
ZENITH	045,047

SET UP CODES FOR LASER DISC

DENON	067
PIONEER	067
PROSCAN	068
RCA	068
SANYO	065
SONY	066
ZENITH	065

**SET UP CODES FOR
HOME AUTOMATION & PVR**

GE(AUX 3601)	069
RADIO SHACK(AUX 3600)	071
PHILIPS(VCR2039)	070
ECHO STAR(VCR 2040)	072

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