

SECTION 1 - SETTING UP YOUR EQUIPMENT

SETTING UP YOUR TV

- 1) Turn your TV ON.
- 2) Using pages 1 & 2, find the codes listed next to your brand of TV.
- 3) On your *Navigator*, Press and release the TV button.
- 4) Press and hold the **SETUP** button until the red light flashes twice, then release SETUP.
- 5) Enter the first **three-digit** code found next to your brand. The red light will flash twice to indicate this was done correctly.
- 6) Now aim the *Navigator* at your TV and press the **POWER** button. If your TV turns off, you have found the right code. If your TV does not turn off, repeat steps 3 - 6 using the next code listed for your brand of TV.

SETUP CODES FOR TELEVISIONS

A-Mark	003
Abex	032
Admiral	093, 165, 016, 047, 180
Adventura	046
Aiko	092
Akai	030
Alaron	179, 183
Aileron	179
Ambassador	177
Anam	068, 180
Anam National	055
AOC	030, 003, 019, 052, 137, 185
Archer	003
Astro Text	379

Audiovox	003, 180
Baysonic	180
Belcor	019
Bell & Howell	016, 154
Bradford	180
Brockwood	019
Broksonic	236, 463, 003
Candle	030, 046, 056, 186
Camivale	030
Carver	054
CCE	217, 329
Celebrity	000
Cineral	092, 451
Citizen	030, 039, 046, 056, 060, 092, 186, 280
Clairtone	185
Concerto	056
Contec	157, 158, 180, 185
Craig	180
Crown	039, 180
Curtis Mathes	030, 039, 060, 154, 054
CXC	180
Daewoo	092, 451, 019, 039, 091
Daytron	019
Denon	145
Dumont	017, 019
Electroband	000, 185
Electrohome	381, 389, 409
Emerson	463, 236, 019, 038, 039, 154, 158, 177, 178, 179, 180, 182, 183, 185, 270, 280, 282
Envision	030
Fisher	154, 159
Fujitsu	179
Funai	171, 179, 180
Futuretech	180
GE	047, 135, 021, 027, 029, 051, 055, 174, 178, 279, 282, 451
Gibraltar	017, 019, 030
Goldstar	056, 178, 019, 030, 001, 002, 032, 039, 106, 409
Gradiente	053, 056, 392
Grunpy	179, 180
Hallmark	178
Harman/Kardon	078
Harvard	068, 180
Hitachi	145, 151, 032, 038, 056, 279, 409, 413
Infinity	054
Janeil	046
JBL	054
JCB	000
JVC	053, 069, 160, 182
Kawasho	158

Kaypara	052	Runco	017, 030
KEC	180	Sampo	030, 032, 039, 052
Kenwood	019, 030	Samsung	060, 178, 056, 019, 030, 032, 039, 329, 427, 482
Kloss	024, 046, 078	Samsux	039
KMC	106	Sansei	451
KTV	030, 039, 180, 183, 185, 217, 280	Sanyo	154, 159, 484, 146
LG	056	Scimitsu	019
Logik	016	Scotch	178
Luxman	056	Scott	019, 178, 179, 180, 236
LXI	047, 054, 148, 154, 156, 178	Sears	047, 054, 056, 015, 146, 148, 154, 156, 159, 171, 178, 179
Magnavox	054, 096, 020, 024, 028, 030, 186, 187, 386	Semivox	180
Majestic	016, 015	Semp	156
Marantz	054, 030	Sharp	093, 165, 039, 153, 157, 386
Matsushita	250	Shogun	019
Megatron	003, 145, 178	Signature	016
MEI	185	Simpson	186, 187
Memorex	016, 056, 106, 150, 154, 178	Sony	000, 011, 080, 111
MGA	150, 178, 019, 030, 155	Soundesign	178, 179, 180, 186
Midland	017, 032, 039, 047, 051, 135	Spectricon	003, 137
Minutz	021	Squareview	171
Mitsubishi	150, 178, 019, 093, 155, 241	SSS	019, 180
Motorola	055, 093	Starlite	180
MTC	019, 030, 056, 060, 091, 185	Supre-Macy	046
Multitech	180, 217	Supreme	000
NAD	156, 166, 178	Sylvania	054, 020, 028, 030, 096, 381
NEC	019, 030, 056	Symphonic	171
Nikko	030, 092, 178	Tandy	093
Noblex	430	Tatung	003, 055
Noshi	018	Technics	051, 250
NTC	092	Technol Ace	179 T
Onwa	180	Techwood	003, 051, 056
Optimus	154, 166, 250	Teknika	016, 019, 039, 054, 056, 060, 092, 150, 179, 180, 186, 312
Optonica	093, 165	Telefunken	056
Orion	236, 463, 180	TMK	056, 177, 178
Panasonic	250, 051, 055, 226	Toshiba	156, 060, 154
Penney	002, 003, 018, 019, 021, 027, 030, 032, 039, 047, 051, 060, 135, 156, 178	Tosonic	185
Philco	054, 096, 019, 020, 028, 030, 145	Totevision	039
Philips	054	Trical	157
Pilot	019, 030, 039	Universal	027
Pioneer	166, 038	Vector Research	030
Portland	019, 039, 092	Victor	053
Prism	051	Vidikron	054, 242
Proscan	047	Vidtech	019, 178
Proton	003, 052, 178, 466	Viking	046, 312
Pulsar	017, 019	Wards	016, 019, 020, 021, 027, 028, 029, 030, 054, 056, 080, 096, 111, 165, 174, 178, 179
Quasar	250, 051, 055, 165	Yamaha	019, 030
RadioShack	019, 030, 032, 039, 047, 056, 154, 165, 178, 180, 409	Zenith	017, 092, 016
RCA	047, 135, 018, 019, 029, 038, 090, 174, 278	Zonda	003
Realistic	019, 030, 032, 039, 056, 154, 165, 178, 180		
Rhapsody	183, 185		

SETTING UP YOUR VCR

- 1) Turn your VCR ON.
- 2) Using pages 3 & 4, find the codes listed next to your brand of VCR.
- 3) On your *Navigator*, press and release the **VCR** button.
- 4) Press and hold the **SETUP** button until the red light flashes twice, then release **SETUP**.
- 5) Enter the first **three-digit** code found next to your brand. The red light will flash twice to indicate this was done correctly.
- 6) Now aim the *Navigator* at your VCR and press the **POWER** button. If your VCR turns off, you have found the right code. If your VCR does not turn off, repeat steps 3 - 6 using the next code listed for your brand of VCR.

SETUP CODES FOR VCRs

Admiral	048
Adventura	000
Aiko	278
Aiwa	000, 037, 468
Akai	041, 049, 053, 061, 106
American High	035
Asha	240
Audiovox	037
Beaumark	240
Bell & Howell	104
Broksonic	184, 209, 121, 211, 295, 361
Calix	037
Canon	035, 102
Capehart	020
Carver	081
CCE	072, 278
Citizen	037, 278
Colt	072
Craig	037, 047, 072, 240, 271
Curtis Mathes	035, 041, 060
Cybemex	051, 240
Daewoo	278, 020, 045
Daytron	020
Denon	042
Dynatech	000
Electrohome	037
Electrophonic	037
Emerex	032
Emerson	184, 479, 000, 002, 036, 037, 043, 061, 068, 088, 121, 208, 209, 211, 212, 278, 294, 295, 361, 510

Fisher	104, 047, 054, 066
Fuji	035, 033
Funai	000
Garrard	000
GE	060, 202, 035, 065
Go Video	232, 279, 432, 526
Goldstar	037, 018, 038, 471, 480
Gradiente	000, 408
Grundig	195
Harley Davidson	000
Harman/Kardon	038, 075
Harwood	068, 072
Headquarter	046
HI-Q	047
Hitachi	042, 000, 041, 065, 082, 105, 166, 396
Jensen	041
JVC	067, 008, 041, 206, 207, 384
KEC	037, 278
Kenwood	038, 041, 067, 008, 384
KLH	072
Kodak	035, 037
Lloyd's	000, 208
Logik	072
LXI	037, 000
Magnavox	035, 081, 110, 149, 039
Magnin	240
Marantz	035, 081
Marta	037
Matsushita	162, 454, 035
MEI	035
Memorex	000, 035, 037, 039, 046, 047, 048, 104, 240
MGA	043, 061
MGN Technology	240
Minolta	042, 105
Mitsubishi	043, 061, 067, 075, 173, 214, 443
Motorola	035, 048
MTC	000, 240
Multitech	000, 072
NAD	058
NEC	038, 040, 041, 050, 067, 082, 104
Nikko	037
Nikon	034, 253
Noblex	240
Olympus	035, 226
Optimus	037, 048, 058, 104, 162, 432, 454
Optonica	062
Orion	184, 295, 479
Panasonic	162, 035, 077, 102, 225, 226, 227, 246, 378
Penney	035, 037, 038, 040, 042, 054, 240
Pentax	042, 065, 105
Philco	035
Philips	035, 081, 110, 062
Pilot	037
Pioneer	058, 067

Portland	020
Profitronic	240
Protec	072
Pulsar	039, 051
Quarter	046
Quartz	046
Quasar	035, 077, 162, 454
RadioShack	000, 037
Radix	037
Randex	037
RCA	060, 202, 042, 065, 077, 105, 106, 149
Realistic	000, 035, 037, 046, 047, 048, 062, 066, 104
Ricoh	034, 253
Runco	039
Salora	075
Samsung	240, 045, 051, 053
Sanky	039, 048
Sansui	041, 067, 082, 271
Sanyo	104, 046, 047, 240
Scott	043, 045, 121, 184, 210, 211, 212
Sears	035, 037, 042, 046, 047, 054, 066, 104, 105
Sharp	048, 062
Shintom	072
Shogun	051, 240
Singer	072
Sony	033, 034, 032, 011, 035, 253
STS	042
Sunpak	253
Sylvania	035, 081, 110, 000, 043
Symphonic	000
Tatung	041
TEAC	000, 041
Technics	035, 162, 246
Teknika	000, 035, 037, 052
TMK	036, 208, 240
Toshiba	43, 045, 066, 210, 212, 366
Totevision	037, 240
Unitech	240
Vector	045
Vector Research	038, 040
Video Concepts	040, 045, 061
Videosonic	240
Wards	000, 035, 042, 047, 048, 060, 062, 072, 081, 149, 212, 240
XR-1	000 000, 035, 072
Yamaha	038
Zenith	039, 033, 034, 000, 037

Hitachi	035*, 000
HQ	000
Lloyds	000
MGA	240
Magnavox	000, 035*, 081*
Magnin	240
Memorex	037, 162*
Mitsubishi	048*
Orion	002, 294, 479
Panasonic	035*, 162*
Penney	035*, 240, 162*
Quasar	035*, 162*
RCA	035*, 060*, 048*
Sansui	000, 479
Sanyo	240
Sears	000, 037
Symphonic	000
Zenith	000, 037

NOTE: *If your TV/VCR is working on one of the above codes highlighted with an asterisk (*), you may need to program a separate TV code in order to control the volume. Check the list of codes below and follow the instructions detailed in the "Setting Up Your TV" section to program the supplied TV code.*

- *TV/VCRs working on VCR code 035 may require TV code 051 for volume control.*

- *TV/VCRs working on VCR code 048 may require TV code 093 for volume control.*

- *TV/VCRs working on VCR code 060 may require TV code 047 for volume control.*

- *TV/VCRs working on VCR code 081 may require TV code 054 for volume control.*

- *TV/VCRs working on VCR code 162 may require TV code 250 for volume control.*

To activate the volume for all other TV/VCR combo codes:

- 1) Press and hold **SETUP** until the red light blinks twice, then release SETUP.

- 2) Press **9-9-3**.

- 3) Press and release **VCR**. The red light will blink twice.

SET-UP CODES FOR TV/VCR COMBOS

American High	035*
Brocksonic	002, 294
Colt	072
Curtis Mathes	035*
Daewoo	278
Emerson	002, 294, 479
Funai	000
GE	035*, 060*, 048*, 240

SETTING UP YOUR AUDIO COMPONENT

- 1) Turn your AUDIO component ON.
- 2) Using pages 5 & 6, find the codes listed next to your brand of VCR.
- 3) On your *Navigator*, press and release the **AUDIO** button.
- 4) Press and hold the **SETUP** button until the red light flashes twice, then release **SETUP**.
- 5) Enter the first **three-digit** code found next to your brand. The red light will flash twice to indicate this was done correctly.
- 6) Now aim the *Navigator* at your AUDIO component and press the **POWER** button (If programming a CD player, insert a disc and press **PLAY** on the *Navigator*.) If your AUDIO component turns off (or the disc begins to PLAY), you have found the right code. If your AUDIO component does not turn off, repeat steps 3 - 6 using the next code listed for your brand of AUDIO component.

SETUP CODES FOR AUDIO COMPONENTS

Setup Codes For CD Players

Aiwa	124, 157
Burmester	420
California Audio Lab	029
Carver	157, 179, 437
Denon	003
DKK	000
Emerson	305
Fisher	048, 174, 179
Garrard	393, 420
Genexxa	032, 305
Hitachi	032
JVC	072
Kenwood	028, 037, 048, 190
Krell	157
Linn	157
LXI	305
Magnavox	157, 305
Marantz	029, 157, 180
MCS	029
Mission	157
MTC	420
Nikko	174
NSM	157
Onkyo	101
Optimus	000, 032, 037, 048, 145, 179, 305, 420, 437, 468

Panasonic	029
Philips	157
Pioneer	032, 244, 305, 468
Proton	157
QED	157
Quasar	029
RCA	179, 305
Realistic	179, 180, 420
Rotel	157, 420
SAE	157
Sansui	157, 305
Sanyo	179
Scott	305
Sears	305
Sharp	037, 180
Sherwood	180
Sony	000, 185
Soundesign	145
Tascam	420
TEAC	174, 180, 393, 420
Technics	029
Victor	072
Wards	157
Yamaha	036
Yorx	461

Setup Codes For Receivers

ADC	531
Aiwa	121, 158, 189
Capetronic	531
Carver	042, 189
Casio	195
Clarinette	195
Denon	004
Fisher	042, 219
Garrard	463
Harman/Kardon	110
JVC	074
Kenwood	027, 186
Linn	189
Lloyd's	195
LXI	181
Magnavox	189, 195, 531
Marantz	039, 189
MCS	039
Modulaire	195
NAD	320
Onkyo	135
Optimus	042, 181, 186, 219, 531, 670
Panasonic	039
Penney	195
Philips	189
Pioneer	150, 531, 630
Quasar	039
RCA	054, 530, 531

Realistic	181, 195
Sansui	189
Sanyo	219
Sharp	186
Sherwood	502
Sony	158, 474
Soundesign	670
TEAC	463
Technics	039, 309, 518
Victor	074
Wards	042, 054, 158, 189
Yamaha	176, 186
Yorx	195

Setup Codes For Amplifiers

Denon	160
GE	078
JVC	331
Luxman	165
Optimus	013, 300, 395
Pioneer	013, 300
Realistic	395
Sony	220, 689
Soundesign	078, 211
Technics	308
Victor	331
Wards	013,078,211
Yamaha	133, 354

Setup Codes For Digital Audio Service

Jerrold	459, 520
Scientific Atlanta	460
Starcom	459

SECTION 2- CABLE ID LOCK/UNLOCK

To prevent your customers from accidentally programming over their Cable Box code, we have included a feature to “lock” the cable code so you can reprogram the CABLE button only after unlocking it.

CABLE ID UNLOCK

- 1) Press and hold **SETUP** until the red light flashes twice, then release **SETUP**.
- 2) Enter in **9-9-7**. The red light will flash twice to indicate that this was done correctly.
- 3) Press **CH - (CHANNEL DOWN)**.

You have now unlocked the **CABLE** button and are ready to begin programming:

- 1) Turn your Cable Box ON.
- 2) Using page 7, find the codes listed next to your brand of Cable Box.
- 3) On your *Navigator*, press and release the **CABLE** button.
- 4) Press and hold the **SETUP** button until the red light flashes twice, then release **SETUP**.
- 5) Enter the first **three-digit** code found next to your brand. The red light will flash twice to indicate this was done correctly.
- 6) Now aim the *Navigator* at your Cable Box and press the **POWER** button. If your Cable Box turns off, you have found the right code. If your Cable Box does not turn off, repeat steps 3 - 6 using the next code listed for your brand of Cable Box.

SETUP CODES FOR CABLE CONVERTERS

ABC	001, 003, 007, 008, 011, 013, 014, 017
Allegro	153, 315
Antronix	022, 207
Archer	022, 153, 207, 797
BBT	267
Belcor	056
Cable Star	056
Cabletenna	022
Cableview	022
Century	153
Citizen	153, 315
Colour Voice	025, 031
Comtronics	040
Contec	019
Digi	637
Eastern	002
Emerson	797
Everquest	015, 040
Focus	400
GC Electronics	056, 207
Garrard	153
Gemini	015, 070
General Instrument	476, 011, 276, 003
Goldstar	040, 144
Goodmind	797
Hamlin	009, 020, 034, 259, 273
Hitachi	011
Hytex	007
Jasco	153, 315
Jerrold	476, 810, 003, 011, 012, 014, 015, 024, 276
Linsay	440
Magnavox	027
Memorex	000
Movie Time	063, 156
NSC	063, 070, 156
Novaplex	618
Oak	019, 007
Optimus	021
Pacific Bell	843
Panasonic	000, 021, 107
Panther	637
Paragon	000
Philips	153, 025, 027, 031
Pioneer	533, 144, 753, 023
Popular Mechanics	400
Prelude	770
Pulsar	000
RCA	021
RadioShack	797, 015, 315, 153
Realistic	797, 207
Recoton	400
Regal	020, 259, 273
Regency	002
Rembrandt	011, 070
Runco	000
SL Marx	040
Samsung	040, 144
Scientific Atlanta	477, 877, 008, 006, 017, 277
Seam	510

Signal	015, 040
Signature	011
Sprucer	021
StarSight	422, 542
Starcom	003, 015
Stargate	770, 015, 040
Starquest	015
Sylvania	001
TFC	310
TV86	063
Tandy	258
TeleCaption	221
Televue	040
Texscan	001
Timeless	418
Tocom	012, 013
Toshiba	000
Tusa	015
Unika	022, 153, 207
United Artists	007
United Cable	003
Universal	153, 022, 056, 191, 207
Viewstar	027, 063, 258
Zenith	525, 000, 054
Zentek	400

SETUP CODES FOR DSS SATELLITES

AlphaStar	772
Echostar	775
General Instrument	361, 627
HTS	775
Hitachi	819
Hughes Network Systems	749
Jerrold	361, 627
Magnavox	722, 724
Memorex	724
Panasonic	701
Philips	722, 724
Pnrmestar	361, 627
RCA	566
Sony	639
Toshiba	790
Uniden	724

Once you program the remote for a different cable box or DSS/DBS code, you can now relock the CABLE button:

CABLE ID LOCK

- 1) Press and hold **SETUP** until the red light flashes twice, then release **SETUP**.
- 2) Enter in **9-9-7**. The red light will flash twice to indicate that this was done correctly.
- 3) Press **CH + (CHANNEL UP)**.