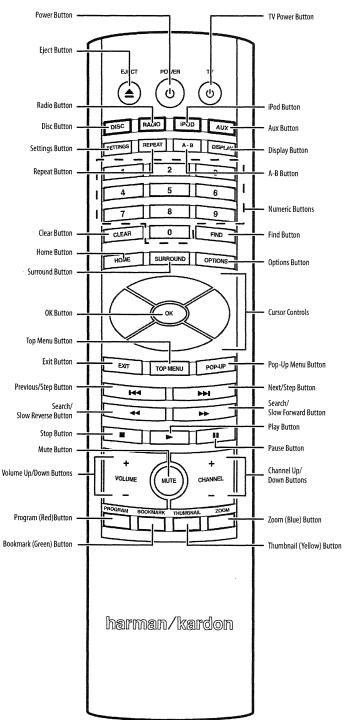


# **Remote Control Functions**



**Eject Button**: Press this button to eject a disc from the BDS receiver's built-in disc player. Before pressing this button, make sure no objects are blocking the disc slot opening.

**Power Button**: Pressing this button toggles the BDS receiver between the On and Standby modes.

**TV Power Button**: After you program the remote control, pressing this button turns the TV's power on and off. See *Programming the Remote*, on page 18.

**Disc Button**: Pressing this button selects the BDS receiver's built-in disc player as the system's active audio and video source and plays a disc that has been inserted into the player. Pressing this button also puts the remote control into the disc player control mode. See *Using the Disc Player*, on page 24, for details. NOTE: Pressing this button when the BDS receiver is in the Standby mode will switch it on.

**Radio Button:** Pressing this button selects the BDS receiver's built-in FM radio as the system's active audio source. Pressing this button also puts the remote control into the control mode for the radio. See *Using the Radio*, on page 26, for details. NOTE: Pressing this button when the BDS receiver is in the Standby mode will switch it on.

**iPod Button**: Pressing this button selects an iPod inserted in a connected The Bridge IIIP dock (available separately) as the system's active audio source. Pressing this button also puts the remote control into the control mode for the iPod. See *Listening to Your iPod/iPhone*, on page 26, for details. NOTE: Pressing this button when the BDS receiver is in the Standby mode will swift hit on.

**Aux Button**: Pressing this button selects the receiver's active rear-panel audio input as the system's active audio source. Repeatedly pressing the button cycles through all of the rearpanel audio inputs. See *Listening to Audio Sources*, on page 27, for details.

Pressing this button also places the remote into the auxiliary-component control mode, enabling the remote to use any pre-programmed and/or learned functions. See *Listening to Audio Sources*, on page 27, for details. NOTE: Pressing this button when the BDS receiver is in the Standby mode will switch it on.

**Settings Button**: Pressing this button displays the BDS receiver's Settings menu. See *Settings Menus*, on page 20, for details.

**Repeat Button**: When the BDS is playing a Blu-ray Disc recording or DVD, pressing this button cycles through the following repeat modes: Chapter, Title, All, Off. When the BDS is playing a CD or listening to media stored on an iPod or USB device, this button cycles through the following repeat modes: Track, All, Off.

**A-B Button**: Pressing this button activates the A-B repeat mode. The first press sets the "A" repeat point; the second press sets the "B" repeat point and begins repeating the section of the program between the two points. Pressing the A-B button while the A-B repeat mode is active cancels the A-B repeat mode. This feature works both for the built-in disc player and for content from a USB device. NOTE: This feature is disc-dependent. Some discs do not allow A-B repeat

**Display Button:** When playing Blu-ray Disc and DVD recordings, pressing this button activates a bar display containing information about the currently-playing disc or program. The button does not function when the BDS is playing material from an iPod, a USB device, an auxiliary source or the radio.

Numeric Buttons: Use these buttons to enter numbers for various items.

Clear Button: This button clears an incorrect entry made using the Numeric buttons.

# BDS

**Find Button**: Pressing this button during disc playback activates the search function, allowing you to jump to a specific location on the disc. You can find a location by title, chapter or time. NOTE: This feature is disc-dependent. Some discs do not allow finding locations by title

**Home Button:** Pressing this button returns the on-screen display to the Home screen from whatever screen is active when the button is pressed.

**Surround Button**: Pressing this button cycles through all of the surround-sound modes that are available for the active program. Each press of the Surround button will change to the next mode in line. A pop-up display will appear, showing the modes as you cycle through them. NOTE: Not all surround modes will be available for all programs. See *Surround-Sound Modes*, on page 24, for more information.

**Options Button**: Pressing this button displays any available options for the item that is active at the time the button is pressed. When listening to an Aux source, pressing the Options button lets you adjust the audio delay to eliminate "lip sync" errors between the sound and picture when watching video programs with sound playing through one of the receiver's rear-panel audio inputs. See *Listening to Audio Sources*, on page 27, for details.

Cursor Controls: Use these buttons to navigate through items on the on-screen menu.

**OK Button**: Press this button to select the highlighted item on the on-screen menu.

**Exit Button**: Pressing this button exits the current on-screen menu and displays the previous screen.

**Top Menu Button**: Displays the top menu of the Blu-ray Disc recording or DVD that is playing. NOTE: This feature is disc-dependent. Not all DVDs have top menus. If the DVD has no top menu, pressing the Top Menu button may display the disc menu, depending on how the disc's menu system was authored. See *Using the Disc Player*, on page 24, for details.

**Pop-Up Button**: Pressing this button while playing a Blu-ray Disc recording or DVD displays its disc menu. NOTE: This feature is disc-dependent. Not all DVDs have pop-up menus. If the DVD has no pop-up menu, pressing the Pop-Up button may display the disc menu, depending on how the disc's menu system was authored.

Previous/Step Button: Press this button once to skip to the beginning of a track or, when viewing photos, to the previous photo. Press the button twice to skip to the beginning of the previous track. Press the button repeatedly to go back through the previous chapters or tracks. When video content is playing on Blu-ray Disc recordings and DVDs, press the Pause button first; afterwards, each subsequent press of the Previous/Step button reverses the video one frame.

**Next/Step Button**: Press this button once to skip to the beginning of the next track or, when viewing photos, to the next photo. Press the button repeatedly to advance through the next chapters or tracks. When video content is playing, press the Pause button first; afterwards, each subsequent press of the Next/Step button advances the video one frame.

Search/Slow Reverse Button: Press this button to reverse through a disc track. For Bluray Disc recordings and DVDs, each press cycles through 2x, 4x, 8x, 16x and 32x reverse speed. Pressing the button while a Blu-ray Disc recording or DVD is paused will reverse through the chapter in slow motion. Each press cycles through 1/2, 1/4, 1/8 and 1/16 normal speed.

**Search/Slow Forward Button**: Press this button to fast-forward through the current disc track. For Blu-ray Disc recordings and DVDs, each press cycles through 2x, 4x, 8x, 16x and 32x normal speed. Pressing the button while a Blu-ray Disc recording or DVD is paused will play through the chapter in slow motion. Each press cycles through 1/2, 1/4, 1/8 and 1/16 normal speed.

**Stop Button**: Press this button to stop playback at the current point. (Pressing the Play button will resume playback from this point.) Press the Stop button twice to stop playback fully. NOTE: Some settings and functions will be available only when the player is fully stopped.

**Play Button**: Press this button to play a disc that has been loaded into the player's disc drawer or a music file that has been highlighted on the on-screen menu. Pressing this button when viewing photos begins a slide show of all photos in the current folder.

**Pause Button:** Press this button to pause a disc or music file that is playing. Pressing the button while a Blu-ray Disc recording or DVD is playing will freeze-frame on the current video frame. Pressing the button while the disc is paused will resume play. Pressing this button while viewing photos freezes the current photo on the screen.

**Volume** +/- **Buttons**: Press these buttons to increase or decrease the volume of the BDS receiver's speaker outputs. NOTE: The Volume +/- buttons do not change the volume of the HDMI audio outputs.

IMPORTANT: Do not turn the Volume buttons up to or past the point where the audio from the speakers becomes distorted. Doing so can damage the speakers.

**Mute Button**: Press this button to mute the sound from the BDS receiver's speaker outputs. Press the button again to un-mute the sound. NOTE: The Mute button does not mute the HDMI audio outputs.

**Channel +/- Buttons:** When Radio is the source selected on the remote control, the Channel +/- buttons select the next higher or lower preset station.

**Bookmark (Green) Button**: Press this button to activate the Bookmark function. See *Bookmark Function*, on page 25, for more information.

**Thumbnail (Yellow) Button:** Press this button while playing a photo slide show to display thumbnail images of all photos in the slide show.

**Program (Red) Button:** Press this button to create a programmed playback list for the currently-playing disc. See *Programmed Play*, on page 25, for more information.

**Zoom (Blue) Button:** Press the Zoom button to zoom in on or recede from a video image or slide. Use the Navigation buttons to zoom in on different sections of the image. NOTE: This function is disc-dependent for Blu-ray Disc recordings and DVDs. Not all discs can be zoomed in on.

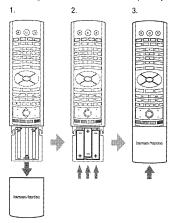
**Red, Green, Yellow and Blue Buttons:** When the BDS is playing a Blu-ray Disc recording, these buttons can activate features and menus that may vary from disc to disc. Refer to the menu instructions for each particular disc for more information. NOTE: These Bluray Disc functions may override the Bookmark, Thumbnail, Program and Zoom functions.



# **Preparing the Remote Control**

### **Installing the Batteries**

Your BDS system remote control uses 3 AAA batteries (supplied). Insert the batteries as shown in the illustration, making sure to observe the correct polarity.



## **Using the Remote**

When using the remote, remember to aim it toward the receiver's front panel. Make sure that no objects, such as furniture, block the remote's view of the receiver. Bright lights, fluorescent lights, and plasma-video displays may interfere with the function of the remote.

- The remote has a range of about 20 feet (6.1m), depending on the lighting conditions.
- You can use the remote at an angle of up to 30° to either side of the BDS receiver.

If the remote seems to operate intermittently, or if pressing a button on the remote does not cause one of the buttons to light up, make sure that the batteries are inserted correctly. If the remote still operates intermittently, replace all three batteries with new ones.

# **Programming the Remote**

In addition to controlling the BDS receiver, you can program the remote to control one auxiliary (Aux) component. The remote is also capable of learning codes directly from other remotes. This ability allows you to combine learned commands with programmed codes, making the remote capable of controlling more than one Aux component. Typical Aux components would be your TV, a satellite receiver or a cable receiver.

The remote will control the Aux component(s) only when the Aux source button has been pressed. Pressing any other source button will put the remote back into the BDS receiver control mode.

## To program the remote to control an Aux component:

- Look up the codes for the product type (e.g. TV, cable TV box) and the brand name of your source in the Aux Component Remote-Control Code List, on page 31.
- 2. Turn your auxiliary component on.
- Press and hold the Aux button for three seconds as it turns red, goes dark and turns red again. Then release the button.

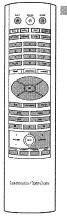
NOTE: The remote will remain in the programming mode for 20 seconds. You must perform Step 4 within 20 seconds.

- 4. Aim the remote toward the component you just turned on and enter a code number from Step 1, above. If the component turns off, check that its own remote-control buttons control the component as expected. If they do, press the Aux button again to save the code. The button will flash three times and the remote will exit the programming mode.
- If any of the buttons do not work as expected, or if the device does not turn off when you enter the code number, repeat Step 4 with another code number from the list for that manufacturer.

- If you run out of codes, you can search through all of the codes in the remote's library for that product type.
  - a) Press and hold the Aux button for three seconds. The button will turn red, go dark and turn red again. Then release the button.
  - b) For a conventional US TV, enter "0999"; for a conventional EU TV, enter "1999"; for an HDTV, enter "2999"; for a US cable box, enter "3999"; for an EU cable box, enter "4999"; for a US satellite tuner, enter "5999"; for an EU satellite tuner, enter "6999."
  - Aim the remote control toward the component and press the remote's Cursor Up button. Each press of the button sends the "Power" signal for one setup code number. Holding down the Cursor Up button quickly scans through all of the setup code numbers
  - d) Release the Cursor Up button as soon as the component turns off. If you pass the correct setup code number, you can return to it by pressing the Cursor Down button, one setup code number at a time, until the component turns back on.
  - e) Check that the other remote-control buttons control the component as expected. If they do, press the Aux source selector button again to save the code. The button will flash three times, and the remote will exit the programming mode.
  - f) If the remote does not operate as expected, repeat Steps c e. Note that some components may not respond to all of the above commands and may support only some of the commands listed.

#### To teach individual button codes to the remote:

You can teach codes from other component remotes onto the BDS receiver remote buttons shown shaded in the following illustration:



= Learning Capable

- Place the BDS remote and the remote from which you want it to learn codes head-tohead about 1 inch (2.5cm) apart, with their IR transmitter windows facing each other.
- Press and hold the Settings button on the BDS receiver remote for more than three seconds. The remote's Aux button will light up.
- Press the button on the BDS receiver remote to which you want to teach the command. The Learn mode will remain active for 20 seconds after the button is pushed.
- 4. Press the button on the other remote that you want to "teach" to the BDS receiver remote. When the IR code has been received and stored, the Aux button's LED will flash three times, and the BDS receiver remote will remain in the learning mode, ready to learn another code. If no IR code is received within 20 seconds, the Aux LED will flash rapidly several times, and the remote will exit the learning mode. To resume programming, return to Step 2.
- Repeat Step 3 and Step 4 for each command you want to teach the BDS receiver remote. NOTE: If the Aux button's LED goes out at any time, you will need to begin again from Step 2.

# Programming Remote Control "Punch-Through" Commands

After programming the remote to control an auxiliary (Aux) component, you can also program it so it will control the Aux component's channel up/down and transport functions (Play, Pause, etc.) even when the remote is not in the Aux-control mode. For example, if the



remote is programmed to operate your TV in the Aux control mode, you can also have the TV's channel +/- functions "punch through" and operate even when the remote is in the Disc, Radio or iPod control modes.

- Press and hold the button for the main device the remote will be operating. The button will light up, go dark and then light up again. Release the button.
- 2. Select the type of punch-through programming.
  - a) For "punch-through" channel control, press the Channel Up button.
  - b) For "punch-through" transport control, press the Play button.
- 3. Press the Aux button. The original source button will flash to confirm.

You can repeat Step 1 — Step 3 for any of the remote's source-selector buttons (Aux, Radio etc.). NOTE: "Punch-through" channel and transport commands will override the existing commands for those buttons in the source modes you program.

To undo "punch-through" programming, follow the same steps as above, but press the same source selector button in Step 1 and Step 3.

## Using the Remote After it is Programmed

Pressing the remote's Aux source-selector button will put the remote into the auxiliary-control mode, and it will control the auxiliary component(s) via the codes you have programmed into it.

To switch the remote back to the BDS receiver-control mode from the auxiliary-control mode, press any one of these buttons: Disc, Radio, iPod or Home.

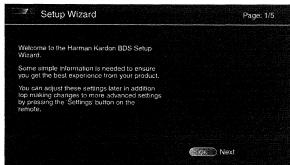
# Setting Up the Receiver

**NOTE:** The menu screens shown in this manual are for illustrative purposes and may differ somewhat from the actual displays.

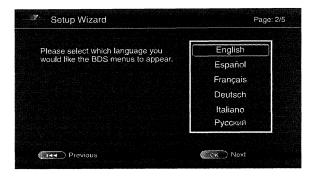
To set up your BDS system, you will use the remote to navigate through all of the on-screen menus and make selections from them.

- Use the Cursor Up/Down buttons to navigate through the menu list. When an item is highlighted, a border will appear around it.
- To select a highlighted item, press the OK button. The screen will change depending on your selection.
- To return to the previous screen, press the Exit button.

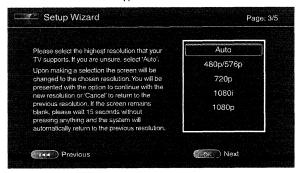
## Setup Wizard



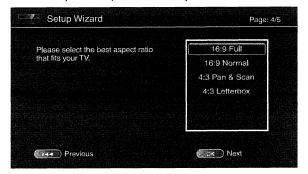
Before you can use your BDS system, you need to set the language and make a few basic settings so that the BDS receiver's video output will work properly with your TV. Press the OK button and the Wizard's language screen will appear.



After setting the language you want the on-screen menus to use, press the OK button, and the Wizard's TV-resolution screen will appear.



After selecting your TV's highest resolution, press the OK button and the Wizard's aspect-ratio screen will appear. NOTE: If you're unsure of your TV's highest resolution, select "Auto," and BDS will automatically select the optimal resolution for you.



After selecting the aspect ratio that best fits your TV, press the OK button to save your setting, and then press it again to exit the Setup Wizard.

# BDS

# **Aux Component Remote-Control Code List**

TV/DVR						
Manufacturer	Code l	lumbers				
ADMIRAL	0192	0123	1088	1105		
AIWA	1110	***************************************			***************************************	
AKAI	1011 1089	1020 1093	1022	1042	1053	1056
ALBA	1020	1040				
ANAM	0122	0112	0109	0106	0045	
AOC	0128	0123	0122	0037	***************************************	***************************************
APEX	2014	2016				
ARC EN CIEL	1017	1019	1024	1056	1059	
ARCAM	1017				···	
ARISTONA	1022 1060	1023 1086	1025	1033	1047	1048
ASA	1012	1023	1088	1096	1201	
AUDIOVOX	0012					
AUTOVOX	1025	1044	1088			
BANG & OLUFSEN	1088		***			
BARCO	1202					
BASICLINE	1020					
BAUR	1075	1076	1077	1102		***************************************
ВЕКО	1022					
BLAUPUNKT	0084	1011	1075	1076	1077	
BRANDT ELECTRONIQUE	1017	1019	1024	1056	1059	
BRION VEGA	1023	1088	1203			***************************************
BROCKSONIC	0206	0205				
BUSH	1010	1020	1040	1043	1092	
BUSH (UK)	1044					
CENTURY	1023	1088				
CITIZEN	0132	0128	0123	0045		
COMTEL	1032					
CONTEC	0045					
CONTINENTAL EDISON	1017	1019	1024	1056	1059	
CRAIG	0159	0158	0157	0045		
CROSLEY	1023	1088				
CROWN	0132	0045				
CURTIS MATHES	0128	0123	0132			***************************************
DAEWOO	0132 0111 1022	0128 0108	0127 0106	0119 0105	0116 0102	0114 0087
DANSAI	1022					

Manufacturer  DAYTRON  DECCA  DECCA (UK)	<b>Code 1</b> 0132 1091	lumbers 0128									
DECCA		0128		Code Numbers							
	1091		0132 0128								
DECCA (UK)		1032									
	1038		The Action of the Control of the Con								
DEGRAAF	1015										
DISH NETWORK	2012										
DIXI	1022										
DUMONT	1201	1199	1096	1088	1023						
DUMONT-FINLUX	1044	1012									
DYNATECH	0063			***************************************							
DYNATRON	1022	1020	W014814 - 8-14-14-14-14-14-14-14-14-14-14-14-14-14-								
DYNEX	0014										
ELECTROHOME	0132	0115		PLA. MAIL							
EMERSON	0205	0162	0159	0158	0157	0139					
	0132	0128	0123	0045	1195	1088					
FUJITSU	0041	0042									
FUNAI	0045										
FUTURETECH	0045										
GE	0163	0159	0145	0133	0128	0123					
COMMONS	0121	0087	0029		***************************************						
GRUNDIG	0193										
HALL MARK	0128			***							
harman kardon	0201										
HITACHI	0147	0144	0132	0128	0123						
HYTEK	0016										
INKEL	0120										
JCPENNEY	0145	0132	0128	0123	0115						
JENSEN	0019										
JVC	0134	0087	0079								
KEC	0045										
KLH	0006				***************************************						
KTV	0162	0132	0123	0045							
LG (GOLDSTAR)	0132 0013	0128 2004	0122	0110	0101	0002					
LLOYTRON	0173	0172									
LODGENET	0069										
LXI	0148	0145	0077								
MAGNAVOX	0148 0040	0145 2007	0132 2008	0128 2009	0123 201	0030					
MARANTZ	0148	0123	0115	2009	201	2011					



TV/DVR						
Manufacturer	Code l	Numbers				
MEMOREX	0128	0069	111122			
METZ	0084					
MGA	0128	0123	0115			
MITSUBISHI	0168 0077	0167	0160	0128	0123	0115
MTC	0176	0175				
MOTOROLA	2005					
NATIONAL	0182	0181	0180	0179	0177	0148
NEC	0125	0123	0121	0115	0010	
OLEVIA	0007					
OPTONICA	0077					***************************************
ORION	0211	0210	0209	0208	0207	
PANASONIC	0169	0148	0087			
PHILCO	0148	0132	0128	0123	0115	0045
PHILIPS	0148 0035	0145 0034	0132 0033	0128	0123	0036
PIONEER	0128	0123	0024			
POLAROID	0003	0004	0005	0006	0043	
PORTLAND	0132	0128				***************************************
PROSCAN	0133					
PROTON	0165	0132	0128	0122	0059	0008
QUASAR	0087	0032	•••••••••••••••••••••••••••••••••••••••			
RADIO SHACK	0197	0196	0180	0132	0128	0045
RCA	0163 0115	0161 0021	0145 2001	0133 2012	0128	0123
REALISTIC	0196	0167	0045			
RUNCO	0153	0152	0044	0046		****
SAMPO	0128	0123	0059			
SAMSUNG	0145 2003	0132	0128	0124	0022	0020
SANYO	0054	0026				
SCOTT	0132	0128	0045			***************************************
SEARS	0145	0132	0128			
SHARP	0132	0128	0077			
SIEMENS	0084					
SIGNATURE	0069					
SONY	0212 0028	0194	0136	0130	0117	0031
SOUNDESIGN	0128	0045				
SYLVANIA	0148	0145	0128	0123	0025	
SYMPHONIC	0184					

TV/DVR									
Manufacturer	Code Numbers								
TANDY	0077								
TATUNG	0063	2018							
TECHNICS	0181								
TECHW00D	0128								
TEKNIKA	0132	0128	0123	0115	0069	0045			
TELERENT	0069								
TERA	0156								
THOMSON	0191	0190							
TIVO	0051	0052	2020	2021					
TMK	0128								
TOSHIBA	0202	0129	0063						
TOTEVISION	0132								
VIDEO CONCEPTS	0160								
VIDTECH	0128								
VIEWSONIC	0011	0038	0039	0047					
VIZIO	0001	0002							
WARDS	0148	0132	0128	0069					
WESTINGHOUSE	0017	0018	0023						
YAMAHA	0128	0123							
YORK	0128								
ZENITH	0090	0069	2002	2008	2019				



Manufacturer	Code Numbers							
ABC	3011	3001						
ALLEGRO	3111				***************************************			
AMERICAST	3212					••••••		
ARCHER	3112				••••••	***************************************		
BELCOR	3113							
BT CABLE	4007					***************************************		
CABLE STAR	3113	3033			20//01			
CABLETIME	4008	4011	4012	4016				
CITIZEN	3111			***************************************	······			
CLYDE CABLEVISION	4017		V-2			***************************************		
COMCAST	3007	4014			***************************************	•••••		
DESCAT CANAL	4010					•••••		
DIGI LINK	3114							
EAGLE	3186							
EASTERN	3070	3066		1500				
EMERSON	3112							
FILMNET	4018	4020						
FOXTEL	4019			***************************************		***************************************		
FRANCE TELECOM	4013	4021						
G.I.	3097	3096	3017	3011	3001	***************************************		
GC ELECTRONICS	3113	***************************************				***************************************		
GEC	4017				***************************************			
GEMINI	3060	3032						
GENERAL	3210							
GENERAL INSTRUMENT	3210							
HANLIN	3208 3056	3175	3117	3101	3100	3099		
HITACHI	3188	3001						
JASCO	3111							
JERROLD	3210	3188	3162	3097	3096	3073		
	3017	3011	3002	3001	4001	4022		
LINSAY	3118							
MACOM	3191							
MAGNAVOX	3068	3019	3017					
MOVIE TIME	3039	3035						
NSC	3190	3035						
DAK	3220	3197						

Cable Tuners						
Manufacturer	Code l	lumbers				
PACE	3179					
PANASONIC	3214	3189	3177	3176	3053	
PANTHER	3114					
PHILIPS	3090	3085	3020	3019	3013	4023
PIONEER	3216 3001	3215 4002	3209	3171	3119	3041
RADIO SHACK	3213	3112	3111			
RCA	3214	3053				
RECOTON	3116					
REGAL	3208	3101	3100	3099	3056	
REMBRANT	3032					
SAGEM	4028					
SAMSUNG	3003	3186	3072	4002	4003	4024
SATBOX	4004					
SCIENTIFIC ATLANTA	3222 4025	3221 4026	3203	3183	4005	4006
SEAM	3121					
SIGNATURE	3188	3001				
SPRUCER	3189	3177	3081	3053		
STARCOM	3163	3011	3002			
STARGATE	3120					
TANDY	3024					
TELECAPATION	3028				71.1	
TELESERVICE	4011					WAR-1
TEXSCAN	3036					
TFC	3122					
TIVO	3029	3030	4029	4030		
ТОСОМ	3205	3170				
TUDI	4027		••••••			
UNITED CABLE	3011	4001				
UNIVERSAL	3113	3042	3039	3034	3033	
VIDEOWAY	3211	3124	**************************************			
VIEWSTAR	3190	3089	3086	3053	3025	3019
VISIOPASS	4009					
WESTMINSTER CABLE	4007			***************************************		
ZENITH	3219	3211	3125	3065		



Satellite Tuners								
Manufacturer	Code Numbers							
AIWA	6041							
AKAI	6033							
ALBA	6001	6011						
AMSTRAD	6032							
ANKARO	6021							
ASTRO	6076 6082	6077 6083	6078	6079	6080	6081		
BARCOM	6021							
BIRDVIEW	5025							
BLAUPUNKT	6038	6090						
BUSH	6006	6048						
BUSH (UK)	6053							
CANAL	6013							
CANAL DIGITAL	6013							
CANAL PLUS (CANAL +)	6013							
CHANNEL MASTER	5061	5025	5021	5020				
CHAPARRAL	5051	5016	5015					
CITOH	5060							
DIRECTV	5009	5010	5014	6002	6003	6005		
DISH NETWORK	5064							
DRAKE	5081	5013	5018	5017	5013	***************************************		
DX ANTENNA	5083	5079	5052	5031		## ACCO.		
ECHOSTAR	5085	5084	5078	5077	5063	5053		
	5052	5097	5095	5064	6047			
ELECTRO HOME	5092							
FERGUSON	6006	6011	6024	6045	6048	6052		
FINLUX	6009	6010						
FOXTEL	6016							
FTE	6080							
FUBA	6014	6021	6047					
FUJITSU	5034	5029	5024					
GENERAL INSTRUMENT	5074 2011	5068 5003	5054	5003	5065	5023		
GOODMANS	6011							
GRUNDIG	6015	6038	6053	6067	6090			
HITACHI	5055	5004	6006	6011				
	5063					***************************************		
HOUSTON TRACKER	3003							

Satellite Tuners						
Manufacturer	Code N	lumbers				
HUMAX	6007					
ITT	6067					
ITT-NOKIA	6067					
JANIEL	5066					
JERROLD	5084	5068	5054			
KATHREIN	6001	6033	6080	6090		
KOSMOS	6080					
KYOTO GMI ATLANTA	6043					
LEGEND	5053					
LEMON	6074					
LOEWE	6075					
LORENZEN	6061	6063	6064	6065	6074	
MACOM	5071	5070	5069	5065	5017	
MAGNAVOX	5073	5061			1	
MARANTZ	6033					
MASPRO	6006	6053				
MEMOREX	5053					
METZ	6090					
MINERVA	6090					
MITSUBISHI	5007	6090				
MOTOROLA	5012	5019				
MULTISTAR	6080					
NEC	6030	6036	6046	6073		
NETA P562	6040					
NEXTWAVE	5023					
NOKIA	6067					
NORSAT	5073	6046				
OPTIMUS	5066					
OTTO VERSAND	6090					
PACE	5087 6064	5028 6067	6024	6048	6053	6063
PACE MSS SERIES	6067					
PANASONIC	5069	5066	5057	5053	6024	6031
PANSAT	5020					
PERSONAL CABLE	5018					
PHILIPS	5075 6053	6019	6021	6024	6032	6033
PICO	5007					



Manufacturer	Code Numbers							
PREMIERE	6008							
PRESIDENT	5004	5081						
QUADRAL	6066	6067	6068	6069	6070	6071		
QUELLE	6090							
RADIOLA	6053							
RADIX	6047							
RCA	5090	5065	5039	5001	5058	5058		
REALISTIC	5080	5049						
SAMSUNG	5042	5022	5026	6027	6032	6080		
SAT	6027							
SATELLITE SERVICE	5088	5035						
SCIENTIFIC ATLANTA	5039	5056						
SCHNEIDER	6053							
SIEMENS	6038	6090						
SKY	6006							
SKY MASTER	6033							
SKYLAB	6021							
SONY	5005	5062						

Manufacturer	Code Numbers						
STAR CHOICE DBS	5059						
STARCAST	5047						
SUPER GUIDE	5023	5027					
TECHNISAT	6047						
TEECOM	5009	5093	5091	5090	5033	5030	
TELECOM	6041						
TELEFUNKEN	6083						
THORN-FERGUSON	6023	6045	6048	6052	6053	6063	
TOPPFIELD	6011					***************************************	
TOSHIBA	5070	5062	5061	5060	5026	5002	
UNIDEN	5080 5054	5079 5051	5066 5050	5003 5049	5089 5048	5083 5032	
VIASAT	6012						
VORTEC	6032	6042					
WISI	6004	6022	6026	6027	6047		
ZEHNDER	6027	6080					
ZENITH	5088	5019	5094	5087	5085	5084	