

Appendix – Default settings, worksheets, remote product codes

Table A1 – Recommended Source Component Connections

Device Type	AVR 1600 Source	Audio Connections	Video Connections
VCR, DVR, PVR, TiVo or other audio/video recorder	Video 1	<ul style="list-style-type: none"> • Video 1 Analog (inputs and outputs) and • Any one available coaxial or optical digital audio input with corresponding coax digital output 	<ul style="list-style-type: none"> • <i>One</i> of Component Video 2, Video 1 S-Video or Video 1 Composite Video Input • For recording, use Video 1 S-Video or Composite Video Output, and do not use component video connections at all
Cable TV, Satellite, HDTV or other device that delivers television programs	Video 2	<ul style="list-style-type: none"> • Video 2 Analog Inputs and • Optical 1 Input (if not in use with HDMI 3) 	<ul style="list-style-type: none"> • <i>One</i> of Component Video 2, Video 2 S-Video, Video 2 Composite Video Input
TV, game console, camera or other audio/video device	Video 3 (front-panel jacks)	<ul style="list-style-type: none"> • Video 3 Analog Inputs and • Either Coax 3 or Optical 3 Input 	<ul style="list-style-type: none"> • One of Component Video 2, Video 3 S-Video or Video 3 Composite Video Input
DVD Audio/Video, Blu-ray Disc, SACD, HD-DVD	DVD	<ul style="list-style-type: none"> • DVD Analog Inputs • 6-Channel Inputs (optional) and • Coax 1 Input 	<ul style="list-style-type: none"> • Component Video 1 Input
HDMI-capable disc player or other audio/video device	HDMI 1	<ul style="list-style-type: none"> • HDMI 1 Input 	<ul style="list-style-type: none"> • HDMI 1 Input
HDMI-capable disc player or other audio/video device	HDMI 2	<ul style="list-style-type: none"> • HDMI 2 Input 	<ul style="list-style-type: none"> • HDMI 2 Input
HDMI-capable disc player or other audio/video device	HDMI 3	<ul style="list-style-type: none"> • HDMI 3 Input 	<ul style="list-style-type: none"> • HDMI 3 Input
Any audio device used with cable having 1/8" stereo audio mini plug	AUX	<ul style="list-style-type: none"> • AUX mini-jack input on rear panel 	<ul style="list-style-type: none"> • Not required
CD player	CD	<ul style="list-style-type: none"> • CD analog inputs and • Any one available coaxial or optical digital audio input 	<ul style="list-style-type: none"> • Not required
CD-R, miniDisc, cassette	Tape	<ul style="list-style-type: none"> • Tape Analog (inputs and outputs) and • Any one available coaxial or optical digital audio input • Use corresponding coax digital output 	<ul style="list-style-type: none"> • Not required

Note: The AVR 1600 is equipped with a total of six digital audio inputs, four on the rear panel (Coaxial 1 and 2, Optical 1 and 2) and two on the front panel (Coaxial 3 and Optical 3), which may be assigned to any of the nine source inputs (DVD, Video 1 through 3, HDMI 1 through 3, CD and Tape). Certain digital audio connections are recommended simply because those digital audio inputs are assigned to those sources by default at the factory. But any digital audio input may be reassigned to any source. Since you may not be using all nine source inputs, you may reassign a digital audio input that is recommended for a source you aren't using to another device. Table A1 is a guideline; you may need to make adjustments to fit your system.

Table A2 – Source Setting Defaults

Source	DVD	HDMI 1	HDMI 2	HDMI 3	Video 1	Video 2	Video 3	AUX	CD	Tape	Tuner	6-/8-Channel
Title											INT. TUNER	
Component Video Input	COMP V 1	COMP V 1	COMP V 2	COMP V 2	COMP V 2	COMP V 2	COMP V 2	COMP V 1	COMP V 1	COMP V 1	COMP V 1	COMP V 1
Audio Input	COAX 1	HDMI	HDMI	HDMI	ANALOG	OPTICAL 1	ANALOG		ANALOG	ANALOG		
Auto Poll	ON	ON	ON	ON	OFF	ON	OFF		OFF	ON		
Surround Mode	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	LOGIC 7 MOVIE	

Table A3 – Speaker/Channel Setting Defaults

Source	All Sources, Except 6-/8-Channel	6-/8-Channel
Left/Right Speaker	ON	LARGE
Center Speaker	ON	LARGE
Surround Speaker	ON	LARGE
Surround Back Speaker	ON	LARGE
Subwoofer	ON	SUB
Left/Right Speaker Crossover	100Hz	N/A
Center Speaker Crossover	100Hz	N/A
Surround Speaker Crossover	100Hz	N/A
Surround Back Speaker Crossover	100Hz	N/A
LFE	PRESENT	N/A
Sub Mode	SUB	SUB

Table A4 – Delay Setting Defaults

Speaker Position	Distance From Speaker to Listening Position	Your Delay Settings
Front Left	10 feet	
Center	10 feet	
Front Right	10 feet	
Surround Right	10 feet	
Surround Left	10 feet	
Surround Back Right	10 feet	
Surround Back Left	10 feet	
Subwoofer	10 feet	
A/V Sync Delay	0mS	

Table A5 – Source Input Settings

Source	DVD	HDMI 1	HDMI 2	HDMI 3	Video 1	Video 2	Video 3	AUX	CD	Tape	Tuner	6-/8-Channel
Title											INT. TUNER	
Video Input												
Component Video Input												
Digital Audio Input								N/A			N/A	N/A
Analog Audio Input								AUX			TUNER	6-/8-CH
Auto Poll								N/A			N/A	N/A

Table A6 – Speaker/Channel Settings

Source	DVD	HDMI 1	HDMI 2	HDMI 3	Video 1	Video 2	Video 3	AUX	CD	Tape	Tuner	6-/8-Channel [†]
Left/Right Speaker												N/A
Center Speaker												N/A
Surround Speaker												N/A
Surround Back Speaker												N/A
Subwoofer												N/A
Left/Right Speaker Crossover												N/A
Center Speaker Crossover												N/A
Surround Speaker Crossover												N/A
Surround Back Speaker Crossover												N/A
LFE												N/A
Sub Mode												SUB
Left Channel Level												
Right Channel Level												
Center Channel Level												
Surround Left Channel Level												
Surround Right Channel Level												
Surround Back Left Channel Level												
Surround Back Right Channel Level												
Subwoofer Channel Level												

[†] The 6-channel inputs are “direct” inputs, meaning their signals are passed directly to the volume control without any bass management processing. Thus, the speaker sizes are always full-range, and it isn’t possible to adjust speaker size crossover.

Table A7 – Remote Control Codes

Source Input	Product Type (circle one)	Remote Control Code
Video 1	VCR, PVR, DMC	
Video 2	Cable, Satellite	
Video 3	TV	
HDMI 1	DVD, VCR/PVR/DMC, Cable/Satellite	
HDMI 2	DVD, VCR/PVR/DMC, Cable/Satellite	
HDMI 3	DVD, VCR/PVR/DMC, Cable/Satellite	
DVD	DVD, Harman Kardon Blu-ray Disc	
CD	CD, CD-R	
Tape	Cassette	

Table A8 – System Settings

Feature	Default Setting	Your Setting
VFD Fade Time-Out	OFF	
Volume Default	OFF	
Default Vol Set	-25dB	
HDMI Audio to TV	OFF	
Semi-OSD Time-Out	5 Seconds	
Full-OSD Time-Out	20 Seconds	