

Radiance Tech Tip 13

Direct Commands and Menu Shortcuts

Direct Commands

Direct Commands are entered by using the IR or RS232 interface. For the IR command press the “Menu” button on the remote. The RS232 interface uses the letter “M” for menu. i.e. IR command “Menu 021” is RS232 command “M021”.

Output Sync Polarity

Set sync polarity: **MENU 0 1 X Y** X=0/1 (-/+ Hsync), Y=0/1 (-/+ Vsync)

Note: Sets both outputs. Use menu for more control.

Output Vertical Resolution

480p:	MENU 0 2 1	Progressive with 480 active scanlines
540p:	MENU 0 2 2	Progressive with 540 active scanlines
720p:	MENU 0 2 4	Progressive with 720 active scanlines
768p:	MENU 0 2 5	Progressive with 768 active scanlines
1080p:	MENU 0 2 7	Progressive with 1080 active scanlines
1080i:	MENU 0 2 8	Interlaced with 1080 active scanlines

Output Mode Commands

Output 2D	MENU 0 3 0	Set input mode to 2D
Output 3D-SBS	MENU 0 3 1	Set input mode to 3D Side-By-Side
Output 3D-TB	MENU 0 3 2	Set input mode to 3D Top-Bottom

Output Vertical Rate

Set vertical rate: **MENU 0 4 (50Hz, 60Hz) OK**

Output Aspect Ratio

Output aspect ratio: **MENU 0 6 value OK** Example: For 16:9 enter “178”

Miscellaneous Commands

Warmup screen 30	MENU 0 8 3 0	Display 30 IRE warmup screen
Warmup screen 40	MENU 0 8 4 0	Display 40 IRE warmup screen
S/W Rev	MENU 0 9 0 3	Display software revision and serial-number
Menu timeout	MENU 0 9 0 5	Toggle menu timeout. Short (default) or long (saved)
Service Mode	MENU 0 9 1 0	Toggle SERVICE MODE. (not saved)
Service Mode	MENU 0 9 2 7	Toggle IR port off/on (not saved)
Reinterlace Off	MENU 0 9 4 0	Turns reinterlacing off
Reinterlace On	MENU 0 9 4 1	Turns reinterlacing on
Toggle field order	MENU 0 9 4 2	Toggles field order for reinterlacing
Unlock menu	MENU 0 9 1 5	Can also be selected using menu
Output 1 HDCP	MENU 0 9 8 1	Disable HDCP (Must be on to display video with HDCP)
Output 2 HDCP	MENU 0 9 8 2	Disable HDCP (Must be on to display video with HDCP)
Unlock menu	MENU 0 9 8 5	Turn off output1 (outputs audio with blank 1080i video)
Unlock menu	MENU 0 9 9 7	Disable Info Screen (can be saved)
Output defaults	MENU 0 9 9 8	Reset current output to default for current resolution
Factory defaults	MENU 0 9 9 9	Reset to factory default (Must “Save” to make permanent)

RadiancePro Commands

Output 1 vid enable	MENU 0 5 4 1	Toggle video enable on output 1
Output 2-4 vid enable	MENU 0 5 4 6	Toggle video enable on output 2-4
Input HDCP 1.X	MENU 0 8 1 1	Set input HDCP to 1.X
Input HDCP 2.2	MENU 0 8 1 9	Set input HDCP to 2.2 (default)
All Inputs HDCP 1.X	MENU 0 8 2 1	Set all inputs HDCP to 1.X
All Inputs HDCP 2.2	MENU 0 8 2 9	Set all inputs HDCP to 2.2 (default)
All Inputs Darbee off	MENU 0 8 6 0	All Inputs turn Darbee off
All Inputs Darbee on	MENU 0 8 6 1	All Inputs turn Darbee on
Report audio modes	MENU 0 9 4 3	Report all audio modes in EDID

Menu Shortcuts

Pressing “Menu” followed by “1” to “7” jumps to several convent locations in the menu.

Input Menu

Current resolution	MENU 1
Black level	MENU 1 0
White level	MENU 1 1
Deinterlace mode	MENU 1 2
Genlock	MENU 1 3
Game mode	MENU 1 4
Reinterlace	MENU 1 5
Sharpness	MENU 1 6
Noise reduction	MENU 1 7
Adaptive contrast	MENU 1 8
Darbee menu	MENU 1 9
Current aspect ratio	MENU 2
Scaling bias	MENU 2 0
Vertical shift	MENU 2 1
NLS settings	MENU 2 2
Input mask	MENU 2 3

Output Menu

Current CMS	MENU 3
Gamma factor	MENU 3 0
Current grayscale	MENU 3 1
Current style	MENU 4
Current output type	MENU 4 1

Other Menu

Other menu	MENU 5
3D glasses	MENU 5 0
Menu mode	MENU 5 1

Test Pattern

Geometry test pattern	MENU 6
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Quick Keys Menu

4:3	MENU 7 0
LBox	MENU 7 1
16:9	MENU 7 2
1.85	MENU 7 3
2.35	MENU 7 4

NLS	MENU 7 5
Zoom+	MENU 7 6
Zoom-	MENU 7 7
MemA	MENU 7 8
MemB	MENU 7 9