

LightStyle™ Series Model LS-12HBd

High Brightness, Active 3D Home Theater Projection System Quick Setup Guide



IMPORTANT HEALTH AND SAFETY INFORMATION FOR 3D VIEWING: Please read and make sure you understand the following safety information before using the product for viewing 3D content. Provide this information to the end users of this product and ensure that they understand it.

It is widely recognized that stereographic display devices can cause discomfort, including, without limitation, dizziness, nausea, headaches, eye fatigue and eye-strain, in some individuals. The 3D effect and experience will vary by individual, depending on a variety of factors, including his or her health and vision. Runco recommends that users take regular breaks when watching 3D video or playing games using stereoscopic displays. Discontinue use if any discomfort occurs. Parents of young children should ensure their children avoid extensive exposure to electronic stereographic entertainment.

The quality and appropriateness of the 3D screen materials onto which the image is projected and the quality of the 3D content being displayed both have a significant and noticeable impact on the overall 3D experience. A properly-calibrated projection system, including glasses and an optimized third-party screen, displaying high-quality 3D content is the best formula for immersive and comfortable 3D experiences. Please refer to the **LightStyle™ LS-12HBd Installation/ Operation Manual** for proper projector installation and usage instructions.

The glasses that accompany this product are not safe to use as sunglasses, protective eyewear or any use outdoors or other than only in conjunction with the proper operation of the Runco product with which they are sold. It is common to dim the lights in a home theater. Using 3D glasses and the immersive imagery of stereoscopic imagery can increase the risk of tripping or falling the dark. Special care should be taken.

Do not tilt your head while using the 3D glasses.

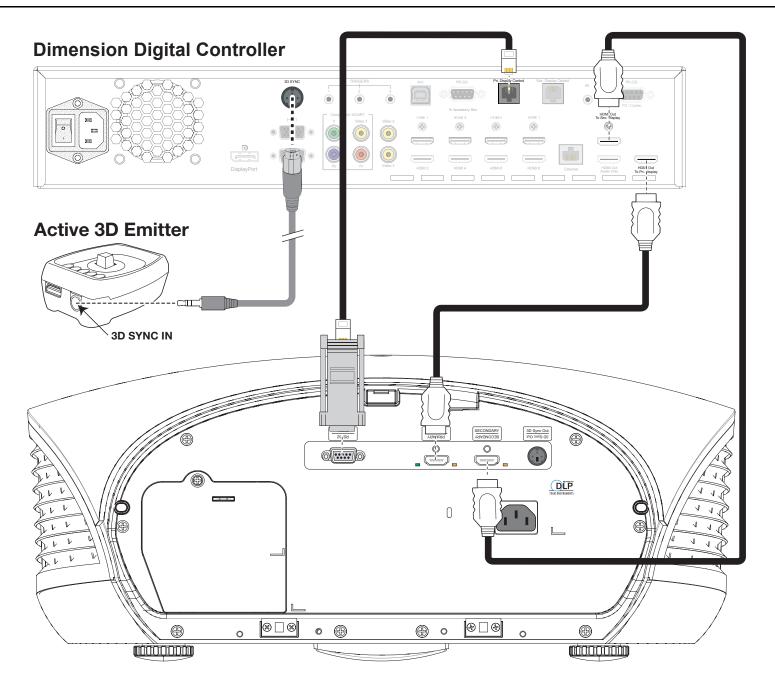
Installation Overview

Step	Procedure	For Details, Refer to This Page in the <i>LightStyle™ LS-12HBd</i> <i>Installation/Operation Manual</i>
1	Choose a location for the projector	21
2	Install anamorphic lens mounting assembly (optional)	28, 40
3	Mount the projector	33
4	Mount the Dimension Digital Controller	35
5	Connect the Dimension Digital Controller to the projector (see diagram at right)	36
6	Connect other external equipment to Dimension Digital Controller (optional): • Audio processor or secondary display device • Control system interface (RS-232) • 12-volt trigger-activated equipment (retractable screens or screen masking) • External IR repeater • Network hub, router or gateway (Ethernet)	38
7	Connect signal sources to the Dimension Digital Controller	43
8	Connect the Active 3D Emitter to the Dimension Digital Controller (see diagram at right)	49
9	Connect system components to AC power	49
10	Apply power to the projector	50
11	Adjust primary lens: projected image size (zoom), position (shift) and focus	24, 51
12	For rear-screen and/or ceiling-mount installations, select the proper picture orientation	51
13	Use Image Alignment controls to fine-tune image geometry	52
14	Install and adjust secondary anamorphic lens (optional)	54

Installation Overview (Continued)

	Display calibration: adjust the following for each Dimension Digital Controller input and display mode (resolution/frame rate) ; save settings when finished:		60 through 79
15	 Aspect ratio 	Color level	
15	Brightness	• Tint	
	Contrast	Input position	
	Color temperature and white balance		
16	Prepare Runco Active 3D Glasses for use and test with 3D source material		94

Connecting the Projector and 3D Emitter to the Dimension Digital Controller

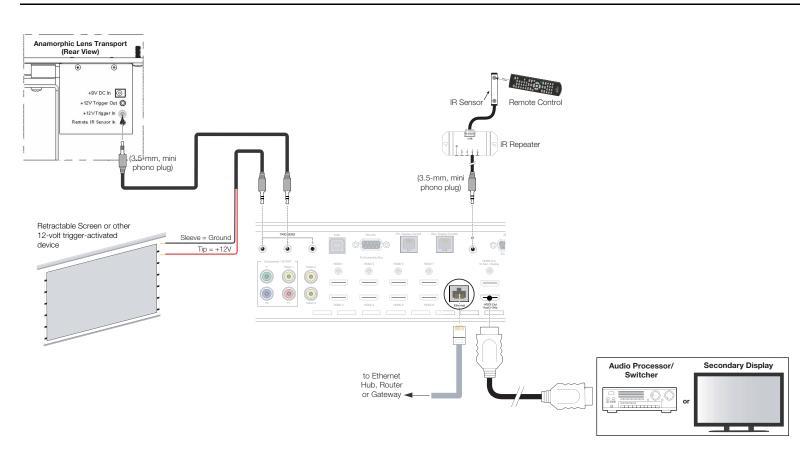


Note: Runco recommends using the RS-232 communication link between the LS-12HBd projector and the Dimension Digital Controller. However, display control using HDMl CEC control messages is also possible. For more information on this capability, please contact Runco Technical Support.

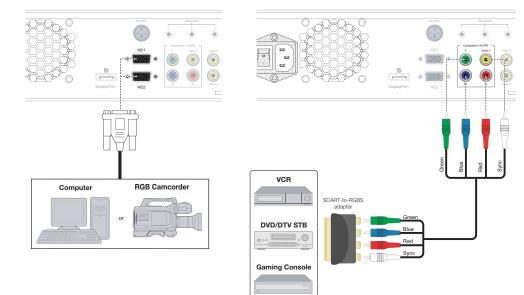
Connecting Sources to the Dimension Digital Controller

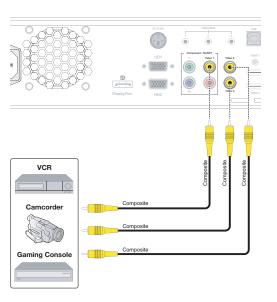
DisplayPort HDMI Component Video Particular of Other DisplayPort Source (BD, DVD, DTV Set-Top Box etc.) DisplayPort HDMI source (BD, DVD, DTV Set-Top Box etc.)

Connecting Other Equipment to the Dimension Digital Controller (optional)

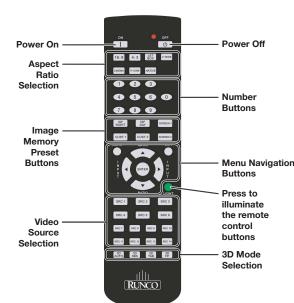


RGB Video SCART Composite Video

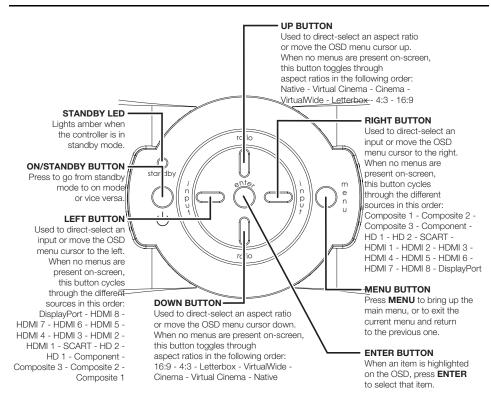




Remote Control



Dimension Digital Controller Front-Panel Keypad



Note: Default settings appear in **bold type**. Settings marked with an asterisk (*) apply to 2D content only.

	Composite 1	HDMI 1	
	Composite 2	HDMI 2	
	Composite 3	HDMI 3	
Input Source	Component	HDMI 4	
input oource	HD 1	HDMI 5	
	HD 2	HDMI 6	
	SCART	HDMI 7	
	DisplayPort	HDMI 8	
	16:9	-	
	4:3		
	Letterbox		
Aspect Datio	VirtualWide		
Aspect Ratio	Cinema		
	Virtual Cinema		
	Native		
	Auto Cinema		
Screen	Screen 1 / Screen	า 2	
	Brightness		
	Contrast		
	Color		
Picture	Tint		
	Sharpness		
	Noise Filter		
	Left/Right		
	Up/Down		
	Width		
	Height		
	Overscan		
Input Position	Overscan Mode		
-	(Zoom/Crop)		
	Phase		
	(RGB/Component	/SCART signals only)	
	Tracking		
		/SCART signals only)	
Marra	Recall ISF Night or	=	
Memory	Recall/Save Custom 1 or Custom 2		
Presets	Reset Custom 1 and Custom 2 to		
	Factory Default		
	3D Mode (Auto, Off, Side-by-Side, Top-and-		
3D Processing	Bottom or Frame Packing)		
	Reverse Eyes (On/		
Ol T'	Off, 30 Minutes, 6	•	
Sleep Timer	Minutes, 2 Hours		
	Signal		
	System		
Information	Network		
	Field Service		
	Manufacturing		
L	+		

	Gain	
		-100, -99 0 99, 100 (Red, Green, Blue)
Display Color - Common Settings		Mode (Simple / Advanced)
	Gamma	Simple (1.8, 2.0, 2.2 , 2.35, 2.5)
		Advanced (0 (2.2 gamma curve), 1, 2, 3 20 (custom gamma tables))
	Color Temp	Simple (5500K, 6500K, 7500K or 9300K)
	Color Gamut*	Auto, REC709, SMPTE-C, EBU, Native or PCE
	PCE*	Red x, y / Green x, y / Blue x, y / White x, y Yellow x, y / Cyan x, y / Magenta x, y
Display Color - Projector Settings	Lamp	Power (230W or 260W)
	Brightness Contrast	
Input Image	Color	-50, -49 0 49, 50
	Tint	
	Sharpness	-
	Gain	-32, -31 0 31, 32
	Offset	(HD 1, HD 2 and Component inputs only)
Input Color	Chroma Delay	0, 1, 2 7 (Composite inputs only)
	Noise Filter	0 , 1, 2 63
Save ISF Night Save ISF Day	- Back / Confirm	
Copy/Paste Output Shift	Memory Preset	Copy Settings Paste Settings
	Aspect Ratio	Copy Settings
	L (1/D) L .	Paste Settings
	Up/Down	-50, -49 0 49, 50
	Width Height	-50, -49, 48 0
	Screen Masking	0, 1, 2 100 (Top / Bottom / Left / Right / Test Pattern Enable)
Image Alignment	Corner Alignment	Top Left / Top Right / Bottom Left / Bottom Right / Test Pattern Enable
	Midpoint Alignment	Center / Top Middle / Left Middle / Right Middle / Bottom Middle / Test Pattern Enable
Adjustment Mode	Both, Primary or Secondary	
	Owner Name	1
	ISF Calibrated	-
Splash Configure	ISF Other	-
	Splash Timer	5, 6, 7 15 59, 60
	Splash Enable	On/Off
	Opiacii Eliabic	
	Display Color - Projector Settings Input Image Input Color Save ISF Night Save ISF Day Copy/Paste Output Shift Image Alignment Adjustment Mode	Display Color - Common Settings Color Temp Color Gamut* PCE* Display Color - Projector Settings Brightness Contrast Color Tint Sharpness Gain Offset Chroma Delay Noise Filter Save ISF Night Save ISF Day Memory Preset Copy/Paste Aspect Ratio Left/Right Up/Down Width Height Screen Masking Corner Alignment Adjustment Mode Both, Primary or Secondary Owner Name ISF Calibrated

		Color Bars 1	
	T 1161	Color Bars 2	
		Focus	
		Grey Bars	
	Test Video	Full White	_
		Primary / Secondary / Dual	-
		Alignment	
		3D	_
	Input Names	Rename/Restore	_
	input Names	Remote Code	00000 08209 65535 or 88999
	Domoto Control	SRC 1-7 Keys	00000 00209 00303 01 00999
	Remote Control	SRC 8-14 Keys	(select a key, then choose a source to assign to it
		Installation -	Auto Floor Front Coiling Front Floor Door or
		Picture Orientation	Auto, Floor Front , Ceiling Front, Floor Rear or
		Ficture Offeritation	Ceiling Rear Focus
		1	
		Lens	Zoom
		5: 1 1 (Shift
	Display Device -	Display Info.	Projector Serial Number
	Configure	(read-only)	Lamp Hours
	3	Lamp Hours Reset	Yes / No
		Diagnostics	White, Red, Green, Blue, Yellow, Cyan, Magenta
		Altitude	Auto / High
		Display 3D Settings	(n/a)
		Internal 3D Settings	Sync Delay, Test Pattern Enable
		24Hz 3D Mode	120 Hz 6:4 or 120 Hz 5:5
		IP Configuration	DHCP (On / Off), IP Address, Subnet Mask,
		IF Configuration	Default Gateway, Communication Test
		Auto Firmuraro I la grada	Auto Check for New Firmware, Auto Perform
		Auto Firmware Upgrade	Upgrade, Check for New Firmware
	Network		E-Mail Address, Error Notification, Error
		E Mail Notification	Notification to Runco, Periodic Service Notification
Service		E-Mail Notification	Lamp Life Notification, Customer Information, E-
			Mail Calibration Data
		Remote Network Control	On / Off
	Onlaw Crana	Auto, REC601, REC709,	(Not available on Composite 1, Composite 2 or
	Color Space	RGB-PC or RGB-Video	Composite 3 inputs)
	Triggers	1/2/3	
			English, Français, Deutsch, Italiano, Español,
		1	Svenska, 简体中文 (Simplified Chinese), 繁體中文
		Language	
			(Traditional Chinese), Portuguës, Русский (Russian)
		OSD Timer	(Traditional Chinese), Portugues, Русский (Russian) 日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec.
			日本語 (Japanese) or 한국어 (Korean)
		OSD Messages	日本語 (Japanese) or 한국어 (Korean) O (no timeout) or 5, 6, 7 30 60 sec. On / Off
	Miscellaneous	OSD Messages Blank Screen Color	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec.
	Miscellaneous	OSD Messages Blank Screen Color Sidebar Color	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0 , 1, 2, 3 255
	Miscellaneous	OSD Messages Blank Screen Color Sidebar Color Film Mode	日本語 (Japanese) or 한국어 (Korean) O (no timeout) or 5, 6, 7 30 60 sec. On / Off
	Miscellaneous	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only)	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0 , 1, 2, 3 255
	Miscellaneous	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0 , 1, 2, 3 255
	Miscellaneous	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only)	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0 , 1, 2, 3 255 On / Off On / Off
	Miscellaneous	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0 , 1, 2, 3 255 On / Off On / Off 0, 1, 2 15
	Miscellaneous	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0 , 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only)
	Miscellaneous	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error)	마本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input)
		OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) /
	Miscellaneous HDMI	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format	마本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only
		OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format CEC	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only On / Off
		OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format CEC HPD Toggle Rejection	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only On / Off Auto / On / Off
	HDMI	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format CEC HPD Toggle Rejection Logo LED	日本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only On / Off Auto / On / Off 0 (off), 1, 2 31
		OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format CEC HPD Toggle Rejection Logo LED Standby LED	마本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only On / Off Auto / On / Off 0 (off), 1, 2 31 On / Off
	HDMI	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format CEC HPD Toggle Rejection Logo LED Standby LED LCD	마本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only On / Off Auto / On / Off 0 (off), 1, 2 31 On / Off 0 (off), 1, 2, 3 or 4
	HDMI Front Panel Brightness	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format CEC HPD Toggle Rejection Logo LED Standby LED	마本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only On / Off Auto / On / Off 0 (off), 1, 2 31 On / Off 0 (off), 1, 2, 3 or 4 On / Off / No Signal
	HDMI	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format CEC HPD Toggle Rejection Logo LED Standby LED LCD Enable Hours	마本語 (Japanese) or 한국어 (Korean) 0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only On / Off Auto / On / Off 0 (off), 1, 2 31 On / Off 0 (off), 1, 2, 3 or 4
	HDMI Front Panel Brightness	OSD Messages Blank Screen Color Sidebar Color Film Mode (SD sources only) CUE (Chroma Upsampling Error) Sync Threshold HDMI EDID Extension Audio Format CEC HPD Toggle Rejection Logo LED Standby LED LCD Enable	0 (no timeout) or 5, 6, 7 30 60 sec. On / Off Red/Green/Blue = 0, 1, 2, 3 255 On / Off On / Off 0, 1, 2 15 (HD 1, HD 2 and Component inputs only) On / Off (per HDMI and DisplayPort input) Combined / HDMI Out (Pri. Display) / HDMI Out (Sec. Display) / HDMI Out (Audio Only On / Off Auto / On / Off 0 (off), 1, 2 31 On / Off 0 (off), 1, 2, 3 or 4 On / Off / No Signal

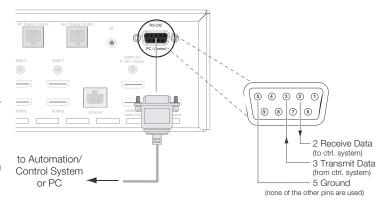
Serial Communications



Connect your control system or PC to the RS-232 input of the Dimension Digital Controller as shown in the diagram at right.

Configure the RS-232 controller or PC serial port as follows: no parity, 8 data bits, 1 stop bit and no flow control. Set the baud rate to 19200.

The following is a partial list of supported serial commands. For a complete list, refer to the **LightStyle™** Control System or PC **Manual**.



All commands must be followed by a carriage return character.

Command	Description			
Power On/Off Commands				
(PWR=0) or (KEY=2)	Turns projector off			
(PWR=1) or (KEY=1)	Turns projector on			
Input Selection Commands				
(INS=3) or (KEY=14)	Selects the Component input			
(INS=0) or (KEY=13)	Selects the Composite 1 video input			
(INS=1) or (KEY=24)	Selects the Composite 2 video input			
(INS=2) or (KEY=25)	Selects the Composite 3 video input			
(INS=7) or (KEY=19)	Selects the HDMI 1 input			
(INS=8) or (KEY=20)	Selects the HDMI 2 input			
(INS=9) or (KEY=21)	Selects the HDMI 3 input			
(INS=10) or (KEY=22)	Selects the HDMI 4 input	-		
(INS=11) or (KEY=81)	Selects the HDMI 5 input	-		
(INS=12) or (KEY=82)	Selects the HDMI 6 input	-		
(INS=13) or (KEY=83)	Selects the HDMI 7 input			
(INS=14) or (KEY=84)	Selects the HDMI 8 input			
(INS=15) or (KEY=85)	Selects the DisplayPort input			
(INS=4) or (KEY=17)	Selects the RGB HD 1 input			
(INS=5) or (KEY=18)	Selects the RGB HD 2 input			
(INS=6) or (KEY=23)	Selects the SCART input			
Aspect Ratio Commands				
(ASP=1) or (KEY=9)	Selects the 16:9 aspect ratio			
(ASP=0) or (KEY=10)	Selects the 4:3 aspect ratio			
(ASP=4) or (KEY=44)	Selects the Cinema aspect ratio			
(ASP=2) or (KEY=11)	Selects the Letterbox aspect ratio			
(ASP=6) or (KEY=46)	Selects the Native aspect ratio			
(ASP=3) or (KEY=12)	Selects the VirtualWide aspect ratio			
(ASP=5) or (KEY=45)	Selects the Virtual Cinema aspect ratio			
(ASP=7) or (KEY=86)	Selects the Auto Cinema aspect ratio	-		

Command	Description		
Pictu	re Adjust Commands (Calibration -> Input Image menu)		
(BRT=[-50+50])	Sets a value for brightness		
(CLR=[-50+50])	Sets a value for color		
(CON=[-50+50])	Sets a value for contrast		
(SHP=[-50+50])	Sets a value for sharpness		
(TNT=[-50+50])	Sets a value for tint		
	Image Preset Commands		
(MMP=2) or (KEY=50)	Loads "Custom 1" image preset		
(MMP=3) or (KEY=51)	Loads "Custom 2" image preset		
(MMP=1) or (KEY=49)	Loads "ISF Day" image preset		
(MMP=0) or (KEY=48)	Loads "ISF Night" image preset		
	3D Mode Commands		
(TDM?)	Returns the 3D mode setting		
(TDM=[04])	Sets the 3D mode setting (0 = Auto, 1 = Off (2D), 2 = Side-by-Side, 3 = Top-and-Bottom, 4 = Frame Packing)		
	Screen Commands		
(SCN?)	Returns the screen setting		
(SCN=0) or (KEY=38)	Sets the screen to Screen 1		
(SCN=1) or (KEY=39)	Sets the screen to Screen 2		
	Miscellaneous Commands		
(IDN?)	Returns display device name		
(IIR?)	Returns input resolution		
(MDL?)	Returns product model name		
(IOR?)	Returns output resolution		
(RMN=[065535])	Sets the remote code		
(RMN?)	Returns the remote code		
(ISN?)	Returns Dimension Digital Controller serial number		
(IFV?)	Returns firmware version number		
(T[13][17]=[01])	12-volt trigger configuration: [13] = Trigger number [17] = Aspect ratio (1 = 16:9, 2 = 4:3, 3 = Letterbox, 4 = VirtualWide, 5 = Cinema, 6 = Virtual Cinema, 7 = Native) [01] = On/off (0 = Cancel previous assignment, 1 = assign)		
	Example: (T15=1) [CR] assigns Trigger 1 to Cinema aspect ratio.		
The following serial commands are used to emulate buttons on the remote control or Dimension Digital Controller front panel. Each button has its own serial command, so effectively it is as if you were using the IR remote. These commands provide active OSD responses just like IR remote commands.			
(KEY=6)	Down-Arrow (▼) key		
(KEY=4)	ENTER key		
(KEY=52)	EXIT key		
(KEY=7)	Left-Arrow (◀) key		
(KEY=3)	MENU		
(KEY=8)	Right-Arrow (▶) key		
(KEY=5)	Up-Arrow (▲) key		

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