

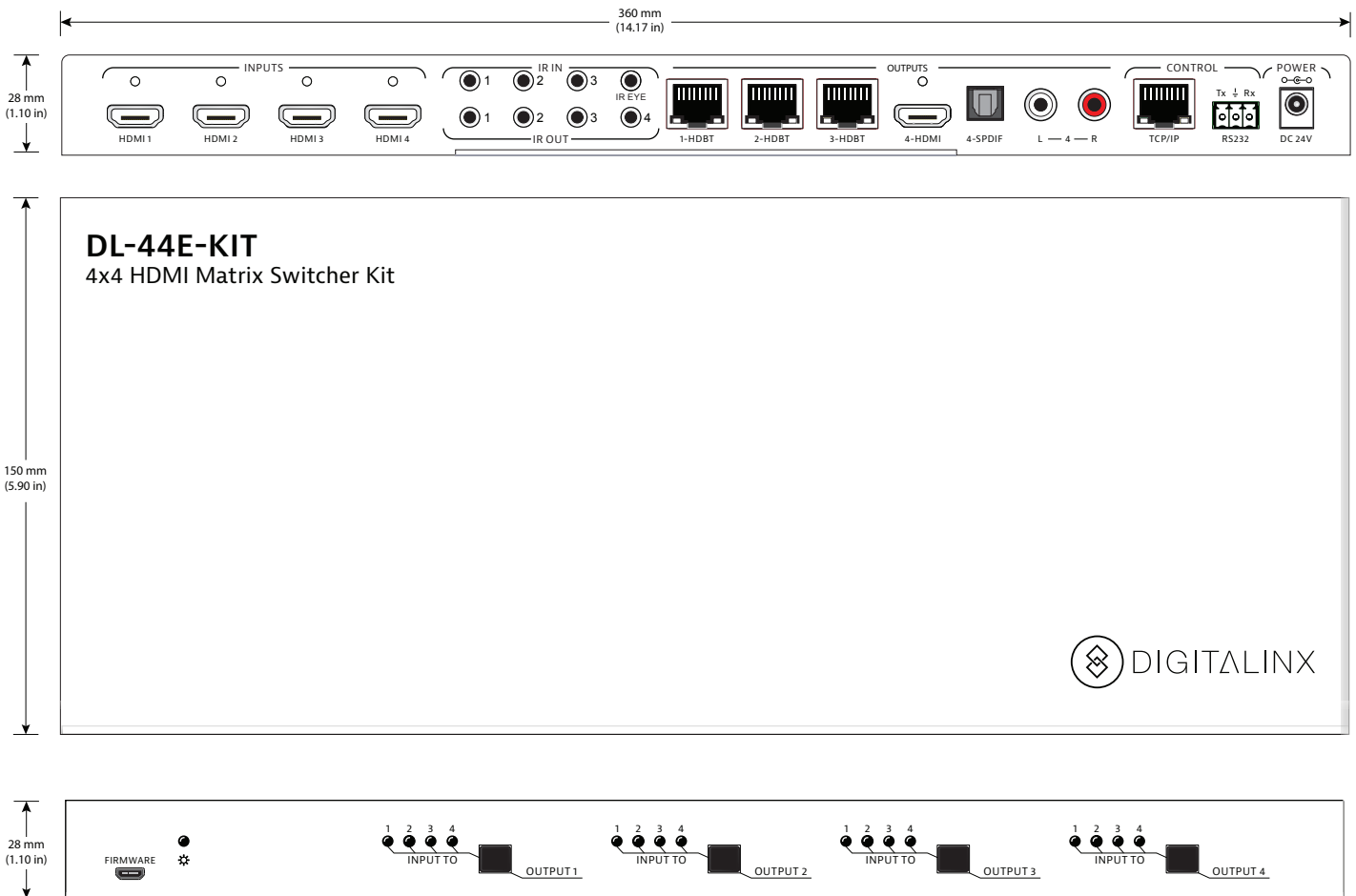
DL-44E-KIT Technical Specifications

4x4 HDMI Matrix Switcher kit
Rev 161003

The DL-44E-KIT is a professional 4K HDBaseT Home Distribution Hub Kit, which consists of a 4K HDBaseT Matrix Switcher, 3 HDBaseT Receivers and accessories. The DL-44E-KIT is a professional 4x4 HDBaseT Matrix Switcher that consist of the following inputs and outputs, 4 HDMI IN (4kx2K@60Hz signal at max), 3 IR IN, 1 IR EYE, 4 IR OUT, 3 HDBaseT OUT, 1 HDMI OUT, 1 SPDIF OUT, 1 L&R RCA OUT, and TCP/IP, RS232 control port via phoenix connector. The DL-44E-KIT offers manual HDCP management and auto-detecting along with easy installation with rack-mounting design.

The DL-HD70LS-RX is an HDBaseT Receiver that consists of the following inputs and outputs, 1 HDBaseT IN, 1 IR IN, 1 IR OUT and HDMI OUT. The receiver is powered directly by the DL-44E-KIT. All HDMI inputs can be selected by either the front panel buttons, IR, RS232 or GUI. The selected source is delivered to HDBaseT zoned outputs 1-3 & HDMI Output.

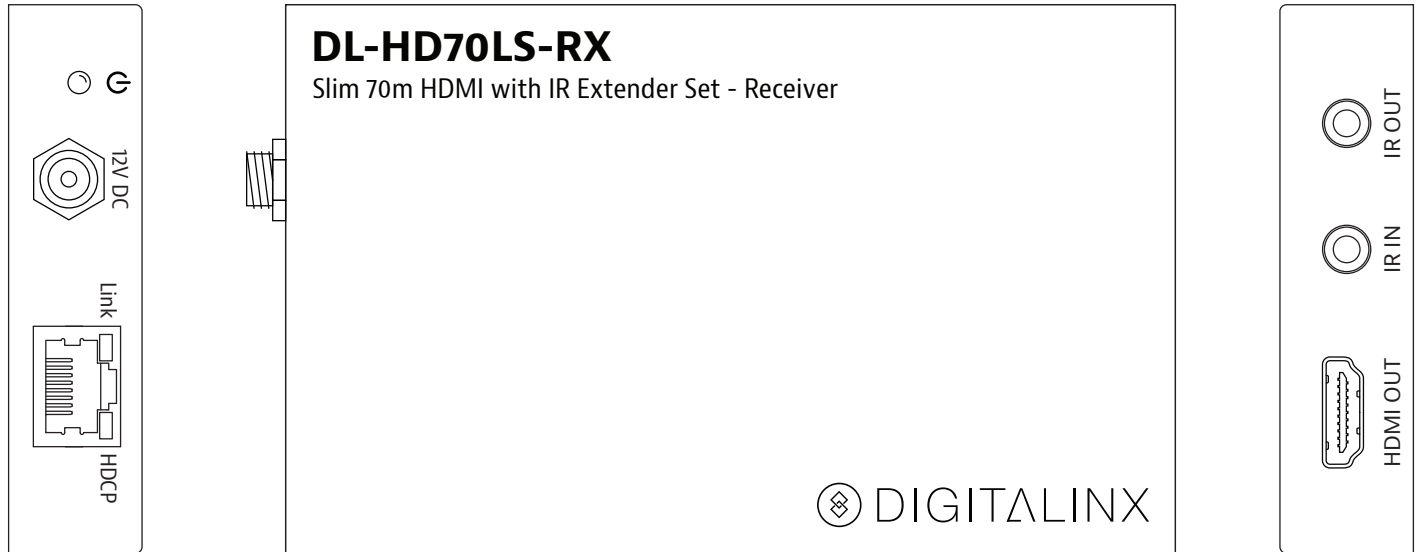
The DL-44E-KIT is capable of delivering 4K signals up to 40m, 1080p up to 70m and powering the receivers via a single CAT5e cable. It is recommended to use good quality CAT6 cable. The Matrix Switcher supports EDID management and is HDCP 2.2, 1.4 compliant. Audio sources can be selected via RS232 commands and TCP/IP at the Matrix Switcher or by 3rd Party control.



DL-44E-KIT Technical Specifications

Video Input	
Input	4 HDMI
Input Connector	Female HDMI
Input Level	T.M.D.S. 2.9V~3.3V
Input Impedance	100Ω (Differential)
HDMI Standard	Support HDMI1.4 & HDCP2.2 and is backward compatible with all previous standards.
Video Output	
Output	1 HDMI – 3 HDBaseT
Output Connector	Female HDMI Female RJ45(with LED indicators)
Output Level	T.M.D.S. 2.9V~3.3V
Output Impedance	100Ω (Differential)
HDMI Standard	Support HDMI1.4 & HDCP1.4 and is backward compatible with all previous standards.
Video general	
Video Signal	HDMI (or DVI-D)
Transmission Distance	1080P@60Hz ≤70m 4Kx2K@60Hz ≤40m
Resolution Range	Up to 4Kx2K@60Hz
EDID Management	In-built EDID data and manual EDID management
Gain	0 dB
Bandwidth	10.2Gbit/s
Switching Speed	200ns (Max.)
Audio general	
Output Signal	Stereo audio Digital audio
Analog Audio Output	Support PCM
Digital Audio Output	Supports PCM Dolby DTS DTS-HD
Frequency Response	20Hz~20KHz
Output Connector	1 L&R(RCA) 1 SPDIF
Control Parts	
Control Ports	4 IR OUT 3 IR IN 1 IR EYE 1 TCP/IP (female RJ45) 1 RS232 (3-pin pluggable terminal block)
Panel Control	Front panel buttons
RS232 Control	3-pin pluggable terminal block
IR	Extended IR receiver
TCP/IP Control	Web-based GUI
General	
Power Supply	Input: 100-240V~, 50/60Hz Output: DC 24V 2.71A
Power Consumption	35W (Max)
Temperature	0 ~ +50
Reference Humidity	10% ~ 90%
Dimension (W*H*D)	360mm x 28mm x 150 mm
Net weight	910g

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches.



Supported Audio and Video		DL-HD70LS-RX Technical Specifications	
Maximum Video Compatibility	70 m: Deep Color 36/30/24 Bit at 1080p		
	40 m: Deep Color 48 Bit at 1080p, 3D, and 4k x 2k (UHD)		
Video Compliance	HDMI, HDCP, and CEC (Consumer Electronics Control)		
Embedded Audio	Up to PCM 8 channel, Dolby Digital TrueHD, and DTS-HD Master Audio		
IR Carrier Frequency Range	33-55kHz at 5 volts		
HDBaseT Signal Characteristics			
Maximum Distance	70 m		
Cable Requirements	Solid core shielded Category 5e, Category 6 or greater with TIA/EIA-568B crimp pattern		
Bandwidth	10.2 Gbps		
Chassis and Environmental			
Dimensions (H x W x D)	18 mm x 120 mm x 74 mm (0.71 in x 4.72 in x 2.91 in)		
Operating Temperature (Environment)	0° to +40° C (+32° to +104° F)		
Operating Temperature (Chassis)	31° C (88° F) (S); 38° C (100° F) (R)		
Operating Humidity (Environment)	20% to 90%, Non-condensing		
Power			
Maximum Power Consumption	12 watts		
Power Supply Input Voltage	100-240V AC at 50-60 Hz		
Power Supply Output Voltage	12V DC		
Regulatory	CE, RoHS		
Other			
Standard Warranty	2 Years		
Included Items	Installation Guide, Power Supply, Adapter Plugs (US, EU, AU, UK), Mounting Brackets (4 ea), Mounting Screws (4 ea)		
IR Transmitter (Sold Separately)	DIGIB-EMT		
IR Receiver (Sold Separately)	DIGIB-EYE, IR-AC		

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