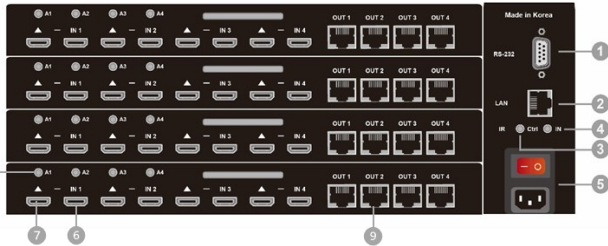


# M1616KT

## HDMI 2.0b (18Gbps) 50m 16x16 Matrix Switch

### Kit with Scaling Outputs and 16 RX Devices

SIMPLIFIED  
MFG



The M1616KT is a 4K2K (18Gbps) 16x16 matrix switch with receivers kit. This switch has 16 HDMI Inputs, 16 HDMI loop-through Outputs & 16 50m Receiver outputs (UTP). It is a true matrix and can be controlled via RS232, IP, or manually. Each output has scaling capability making this matrix easier to install with unlike displays. Other features include “stacking” for more outputs via the loop out feature. Examples would be 16x32, 16x48, and larger making this device perfect for large venues and hospitality.

## Features:

- HDMI 2.0b (18Gbps)
- HDR 8/10/10+ Support
- “Stackable” to create more outputs via HDMI loop out
- Loop out can be used with DAC1 for audio downmixing
- All outputs have scaling
- 16 50m RX Devices
- Audio breakout (at input)
- IR send from chassis to RX
- 2-Year Warranty

## Specifications:

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@50/60Hz (YUV4:4:4), 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	8-bit, 10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	16x HDMI Type A [19-pin female]
Outputs	16x HDMI Type A [19-pin female] 16x UTP/ [RJ-45] 16x Stereo Audio [3.5mm mini-jack]
Control Ports	1xLAN [RJ45] 1xRS232 [DB-9] 1x 3.5mm Mini IR for Control of Matrix 1x 3.5mm Mini IR to send IR to RX devices
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	355mm [14"] (W) x 250mm [9.8"] (D) x 133mm [5.25"] (H) RX 90mm [3.5"] x 60mm [2.375"] x 25mm [1"]
Weight	Matrix 5.26kg [11.6lbs] RX 181g [6.375oz]
Power Supply	Input: AC100 - 240V 50/60Hz
Power Consumption	160W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)