

TMX-0201HDMI 2x1 HDMI Switcher



Features

- Routing: 2 x 1 HDMI switcher
- Signal interface: HDMI type A connectors, HDMI 1.3 compliant
- Compatible with HDCP
- Supporting 250 Mbps to 2.25 Gbps data rates
- Supporting all resolutions from 480p to 1080p and WUXGA (1920x1200)
- Supporting video, DDC and digital stereo audio switching
- Input equalization adjustment for long cables
- Output pre-emphasize adjustment
- Top panel button control , easy to switch manually
- Automatic switching when one input and one output are operated
- LED indicators for source and sink presence

Technical Specifications

Video

Max. data rate.....2.25 Gbps
 Resolution.....Up to HDTV (1080p) or 1920x1200 @ 60 Hz

Input

Signal type.....TMDS
 Connectors.....2 x female HDMI type A connector
 Equalization.....6 dB, 12 dB

Output

Signal type.....TMDS
 Connectors.....1 x female HDMI type A connector
 Pre-emphasize.....0 dB, 2 dB, 4 dB, 6 dB

Control

COM (RS232).....3.5 mm TRS jack, R = TX, T = RX, S = GND
 Connecting to central control.....Baudrate: 9600, data: 8 bits,
 stop: 1 bit, no parity
 Connecting to PC software.....Baudrate: 38400, data: 8 bits,
 stop: 1 bit, no parity
 PC control.....Matrix switcher

General specs

Power supply.....12 V DC
 Temperature.....Operating: 0 °C to + 50 °C;
 storage: -20 °C to + 70 °C
 Humidity.....Storage and operating: 10% to 90%
 Dimensions h x w x d (mm).....40 x 150 x 100
 Color.....Gray (PANTONE 425 C)
 Weight.....0.35 kg

Ordering Information

TMX-0201HDMI.....2x1 HDMI Switcher, 2.25 Gbps,
 HDMI 1.3-compliant

TMX-0401HDMI 4×1 HDMI Switcher



Features

- Routing: 4 × 1 HDMI switcher
- Signal interface: HDMI type A connectors, HDMI 1.3 compliant
- Compatible with HDCP
- Supporting 250 Mbps to 2.25 Gbps data rates
- Supporting all resolutions from 480p to 1080p and WUXGA (1920×1200)
- Supporting video, DDC and digital stereo audio switching
- Input equalization adjustment for long cables
- Output pre-emphasize adjustment
- Top panel button control , easy to switch manually
- Automatic switching when one input and one output are operated
- LED indicators for source and sink presence

Technical Specifications

Video

Max. data rate.....2.25 Gbps
Resolution.....Up to HDTV (1080p) or 1920×1200 @ 60 Hz

Input

Signal type.....TMDS
Connectors.....4 × female HDMI type A connector
Equalization.....6 dB, 12 dB

Output

Signal type.....TMDS
Connectors.....1 × female HDMI type A connector
Pre-emphasize.....0 dB, 2 dB, 4 dB, 6 dB

Control

COM (RS232).....3.5 mm TRS jack, R = TX, T = RX, S = GND
Connecting to central control.....Baudrate: 9600, data: 8 bits,
stop: 1 bit, no parity
Connecting to PC software.....Baudrate: 38400, data: 8 bits,
stop: 1 bit, no parity
PC control.....Matrix switcher

General specs

Power supply.....12 V DC
Temperature.....Operating: 0 °C to + 50 °C;
storage: -20 °C to + 70 °C
Humidity.....Storage and operating: 10% to 90%
Dimensions h × w × d (mm).....40 × 150 × 100
Color.....Gray (PANTONE 425 C)
Weight.....0.38 kg

Ordering Information

TMX-0401HDMI.....4×1 HDMI Switcher, 2.25 Gbps,
HDMI 1.3-compliant

TMX-0801HDMI 8x1 HDMI Switcher



General specs

Power supply	AC 100 V - 240 V, 50 Hz / 60 Hz
Temperature	Operating: 0 °C to + 50 °C; storage: -20 °C to + 70 °C
Humidity	Storage and operating: 10% to 90%
Dimensions h × w × d (mm)	43 × 483 × 208 (1U high, full rack width)
Color	Gray (PANTONE 425 C)
Weight	2.7 kg

Features

- Routing: 8 × 1 HDMI switcher
- Signal interface: HDMI type A connectors, HDMI 1.3 compliant
- Compatible with HDCP
- Supporting 250 Mbps to 2.25 Gbps data rates
- Supporting all resolutions from 480p to 1080p and WUXGA (1920×1200)
- Supporting video, DDC and digital stereo audio switching
- Input equalization adjustment for long cables
- Output pre-emphasize adjustment
- Automatic switching when one input and one output are operated
- LED indicators for source and sink presence
- LCD to display real-time operation
- Front panel button control , easy to switch manually
- Scene save and recall function
- 1U high, full rack width

Ordering Information

TMX-0801HDMI	8x1 HDMI Switcher, 2.25 Gbps, HDMI 1.3-compliant
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Technical Specifications

Video

Max. data rate.....2.25 Gbps
Resolution..... Up to HDTV (1080p) or 1920×1200 @ 60 Hz

Input

Signal type.....TMDS
Connectors.....8 × female HDMI type A connector
Equalization.....6 dB, 12 dB

Output

Signal type.....TMDS
Connectors.....1 × female HDMI type A connector
Pre-emphasize.....0 dB, 2 dB, 4 dB, 6 dB

Control

COM (RS232).....9-pin female D connectors,
2 = TX, 3 = RX, 5 = GND
COM1.....Baudrate: 9600, data: 8 bits, stop: 1 bit, no parity
COM2.....Variable baudrate, data: 8 bits, stop: 1 bit, no parity
Ethernet.....RJ45 socket, Cat.5 crossover cable
Ethernet protocol.....TCP/IP
Ethernet speed.....10 M/100 M, full-duplex or
half-duplex with autodetect
PC control.....Matrix switcher

HDMI Switchers System Connection

