



KRAMER

KIT-400

4K Automatik-Umschalter/Scaler HDBaseT
Kit

| HDMI | Ethernet - RJ-45 | HDBaseT
| 4K/60 UHD (4:2:0)



KIT-400 ist ein Hochleistungs Automatik-Umschalter/Scaler Set für HDMI und VGA Signale über HDBaseT mit integrierter Raumautomation. Das Kit enthält den KIT-400T Übertrager/Umschalter und den KIT-400R Empfänger/Scaler. Der KIT-400T Übertrager leitet das durch den Benutzer ausgewählte Eingangssignal per HDBaseT an den Empfänger. Der Empfänger KIT-400R wandelt das HDBaseT Signal zu HDMI und skaliert es entsprechend seiner Einstellung auf bis zu 4K 60Hz 4:4:4. Alternativ kann der KIT-400R das an seinem lokalen HDMI Eingang anliegende Signal skaliert ausgeben. KIT-400 ermöglicht eine Reichweite bis zu 40 m bei 4K 60Hz 4:2:0 oder bis zu 70 m bei 1080p60

FEATURES

Simple and Powerful Maestro Room Automation - Intuitive user interface enables you to fully automate your meeting room elements. Configure lights, shades, devices and more to be activated by an extensive range of triggers, including scheduling, input/output connectivity, routing, and button pressing. By minimizing user intervention, Maestro room automation saves meeting prep time and minimizes human error before presentations

HDMI Signal Extension - HDCP 1.4 / 2.2. 4K60, CEC, xvYCC color (on input)

PoC (Power over Cable) Enabled - Choose to power only one of the units and power the other unit of the receiver/transmitter pair over the HDBaseT extension

Local Switching Control of 3 Local and 1 Remote Source - Select from 4 sources, each with a dedicated selector button on the transmitter front panel, to output to an HDMI display: 2 HDMI inputs and 1 VGA input, with dedicated audio jack, on the transmitter side and an additional HDMI input on the receiver side

Audio De-embedding - Output the HDMI audio to a balanced stereo output on the receiver side, and an unbalanced stereo output on the transmitter side

Bidirectional RS-232 Extension - Serial interface data flows in both directions, allowing data transmission and device control

I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling, processing and pass-through algorithm that ensures Plug and Play operation

Easy Remote Device Control - Control devices connected to KIT-400 from the user-friendly Kramer Aware interface on the KIT-400 embedded webpages. You can also access the interface using the Kramer Aware app on a compatible Kramer touch panel

Convenient Unit Control and Configuration Options - Local control via front panel source and output switching buttons, DIPswitches for configuring connection priority, and OSD menu. Distance control via userfriendly embedded web pages via Ethernet, Protocol 3000 API, RS-232 serial commands transmitted by a PC, touch screen system or other serial controller and relay switches

Easy, Cost-effective Maintenance - Local firmware upgrade via USB connector

Easy and Elegant Installation - Single cable connectivity for both HDBaseT signals and power. Compact MegaTOOLS™ fan-less enclosure for dropped-ceiling mounting, or side-by-side mounting of 2 units in a 1U rack space with the recommended rack adapter



TECHNICAL SPECIFICATIONS

TRANSMITTER Inputs/Outputs	INPUTS 2 HDMI: On female HDMI connectors 1 VGA: On a 15-pin HD connector 1 Unbalanced Audio: On a 3.5mm mini jack OUTPUTS 1 HDBaseT: On an RJ45 connector 1 Unbalanced Audio: On a 3.5mm mini jack PORTS 1 Ethernet: On an RJ45 connector 1 Control RS232: On a 3-pin terminal block connector 1 Data RS232: On a 3-pin terminal block connector 1 Remote ContactClosure: On a 4 pin terminal block connector 1 Service USB: On a miniUSB connector for firmware upgrade
RECEIVER Inputs/Outputs	INPUTS 1 HDBaseT: On an RJ45 connector 1 HDMI: On female HDMI connectors OUTPUTS 1 HDMI: On female HDMI connectors 1 Balanced Audio: On a 5pin terminal block connector PORTS 1 Control RS232: On a 3-pin terminal block connector 1 Data RS232: On a 3-pin terminal block connector 1 Remote ContactClosure: On a 4 pin terminal block connector 1 Relay: On a 3-pin terminal block connector 1 Program USB: On a USB connector for firmware upgrade
Video	Max Data Rate (on the HDMI ports) KIT400R: 18Gbps, KIT400T: 10.2Gbps Max Resolution (on HDMI ports) KIT400R: 4K@60Hz (4:4:4), KIT400T: 4K@60Hz (4:2:0) HDMI Support: 4K60, CEC, xvYCC color Content Protection: HDCP 1.4 and 2.2 (KIT400R) KIT-400R Output Resolutions 640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x768@60Hz, 1280x800@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1200@60Hz RB, 2560x1600@60Hz RB, 1920x1080@60Hz, 1280x720@60Hz, 2048x1080@50/60Hz, 2560x1440@60Hz RB, 720x480p@60Hz, 720x576p@50Hz, 1280x720p@50/60Hz, 1920x1080p@24/25/30/50/60Hz, 2560x1080p@50/60Hz, 2K@24/25/30/50/60Hz, 4K@24/25/30/50/60Hz
Verlängerung itung	Up to 40m (130ft): At 4K@60Hz (4:2:0) Up to 70m (230ft) At full HD (1080p@60Hz)
Extended RS-232	Baud Rate 300 to 115200
Energiebedarf	Source: 12V DC Combined Consumption of Both Units 2A (1 unit connected to 12V DC + 1 unit powered by PoC)
Bedienoberfläche	Control Input selection buttons, DIPswitches, remote contactclosure switches, relay switches. Kramer API via RS-232 serial commands transmitted by a PC, touch screen system or other serial controller, embedded web pages via LAN for configuration and control Indicators Power, link, input selection LEDs
Umweltbedingungen	Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RHL non-condensing

Gehäuse

Size: MegaTOOLS®

Type: Aluminum

Cooling: Convection ventilation

Einhaltung von
Vorschriften
(Einhaltung von
Standards)

Safety CE

Environmental FCC, UL

Mitgeliefertes
Zubehör

Included: 1 Power adapter, 8 rubber feet, 2 bracket sets

Produktabmessung

18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00") W, D, H

Produktgewicht

1.2kg (2.6lbs) approx

Versandabmessung

44.50cm x 23.50cm x 5.50cm (17.52" x 9.25" x 2.17") W, D, H

Versandgewicht

2.0kg (4.4lbs) approx

