![Lindy logo - CONNECTION PERFECTION]

12 Slot Seamless Modular Matrix Chassis

No.: 38350

Flexible, 12 slot modular matrix that can be configured in a wide variety of combinations

Description

- Provides advanced matrix switching capabilities in a flexible, 12 slot modular matrix that can be configured for use in a wide variety of combinations
- Modular HDMI & HDBaseT input and output boards with audio embedding & de-embedding (sold separately)
- HDMI 18G support, for resolutions up to 4K@60Hz 4:4:4 and 4K@60Hz 4:2:0 over HDBaseT
- Instant seamless switching with less than 0.1ms downtime
- 2 year warranty

The Lindy 12 Slot Seamless Modular Matrix is a powerful AV device that creates flexible, centralised installations in a variety of environments. With fully customisable configurations of HDMI and HDBaseT boards possible, from 1x11, 6x6, 8x4 and more, this solution can be tailored to meet the requirements of any installation within education, hospitality, corporate or government sectors.

Supports resolutions up to 4K@60Hz 4:4:4 8bit over HDMI for exceptional picture quality and clarity. This matrix is perfect for creating visually stunning digital signage in retail or transport hubs, or for multi-display installations in sports bars and clubs. Each board also features audio embedding or de-embedding connections, depending on the board used, for connecting external audio source devices, or separate speakers and amplifiers.

HDBaseT boards can be installed as an input for control and de-centralising source devices, or as an output for extending the matrixes' 4K@60Hz 4:2:0 signals up to 100m over Cat.X cable when combined with other Lindy HDBaseT devices.

The matrix also provides professional, easy-to-use control options for seamless switching between connections in under 0.1ms, ensuring there is no noticeable interruption of content for the viewer. This is ideal in mission critical setups where uninterrupted content delivery and switching is crucial, or in hospitality where sports fans are watching multiple games at once and don't want to miss a second of the action.

IR and RS-232 provide bi-directional control at the location of the matrix, or remotely over HDBaseT for smooth integration into pre-installed control systems. The built-in Web-Gui allows for simple control over matrix switching, as well as resolution scaling, audio settings or the matrixes' EDID function. Push buttons and an LCD display on the front panel also provide simple manual control. Professional EDID management via the Web-Gui or the dipswitch also ensures full compatibility with connected displays.

This is the chassis only; the input and output modules must be purchased separately. These can be customised to suit the

installation requirements.

If desired, Lindy can pre-install the required modular boards that have been purchased, providing a quick and simple installation for the user once the matrix has been received.

No. 38351 – Single Port HDMI 18G Input Board
- Adds a single HDMI input connection to the 12-slot modular matrix chassis (38350)
- Develop customised 12 slot configurations to suit any installation
- Supports 18G resolutions up to 4k@60Hz 4:4:4 8bit
- Analogue audio embedding
- 2 year warranty

No. 38352 – Single Port HDMI 18G Output Board
- Adds a single HDMI output connection to the 12-slot modular matrix chassis (38350)
- Develop customised 12 slot configurations to suit any installation
- Supports 18G resolutions up to 4k@60Hz 4:4:4 8bit
- Digital & Analogue audio de-embedding
- 2 year warranty

No. 38353 – Single Port HDBaseT Input Board
- Adds a single HDBaseT input connection to the 12-slot modular matrix chassis (38350)
- Develop customised 12 slot configurations to suit any installation
- Extends 4K@60Hz 4:2:0 resolutions, Bi-directional RS-232 & IR Control up to 100m over Cat.X cable
- Analogue audio embedding
- 2 year warranty

No. 38354 – Single Port HDBaseT Output Board
- Adds a single HDBaseT output connection to the 12-slot modular matrix chassis (38350)
- Develop customised 12 slot configurations to suit any installation
- Extends 4K@60Hz 4:2:0 resolutions, Bi-directional RS-232 & IR Control up to 100m over Cat.X cable
- Digital & Analogue audio de-embedding
- 2 year warranty

Technical details

Specifications
- AV Interface:
  - HDMI
  - HDBaseT
- Interface Standards: HDMI 2.0
- Supported Bandwidth: 18Gbps
- Maximum Resolution:
  - HDMI: 3840x2160@60Hz 4:4:4 8bit
  - HDBaseT: 3840x2160@60Hz 4:2:0 8bit
  - EDID Pass Through: EDID Management
  - HDCP Support: 2.2
- Supported Audio:
  - HDMI Audio Pass-through
  - Digital & Analogue Extraction to LPCM2.0
- Separate Audio Ports:
  - SPDIF
  - Analogue L/R
- IR Support: 38kHz
- CEC Support: Yes
- Serial Interface: RS-232
- Special Features:
  - Seamless switching
  - Audio embedding & de-embedding
  - Fully flexible configuration
  - EDID Management
  - Redundant Power Supply

Connectors
- Input: -
- Output: -
- Control:
  - Web Gui (RJ-45)
  - IR (3.5mm)
  - RS-232
- Power:
  - IEC C14 (Female)

Physical Properties

- Dimensions (approx.) WxDxH:
  - With mounting brackets: 483x433.7x132.5mm (19.02x17.07x5.22in)
  - Without mounting brackets: 440x433.7x132.5 (17.32x17.07x5.22in)
- Housing Material: Metal
- Net Weight: 9.264g (20.42lb)
- Operating Temperature: 0°C - 45°C (32°F - 113°F)
- Storage Temperature: -20°C - 70°C (-4°F - 158°F)
- Humidity: 10 - 90% RH (non-condensing)
- Power Requirements: AC 100~240V 50/60Hz
- Colour: Black

Miscellaneous
- Packaging Type: Carton Box
- Packaging Dimensions: 565x283x540mm (22.24x11.14x21.26in)
- Gross Weight: 11.89kg (26.21lb)
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS, REACH, California Proposition 65

Package Content
- Seamless Modular Matrix Chassis
- Country Specific AC Power Cord, 1.2m
- IR Extension Cable, 1.2m
- 2 x 3U Mounting Brackets and fixing screws x 4
- 2 x Silver Handles and fixing screws x 4
- IR Remote with CR2025 Battery
- Lindy Manual

Purchasing Information
- No.: 38350
- EAN: 4002888383509

© LINDY 2020