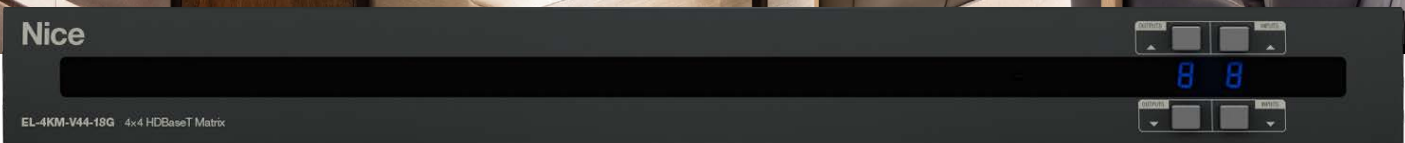




# EL-4KM-V44-18G

## 4x4 HDBaseT Matrix-70m



## 4x4 HDBaseT matrix offers unprecedented performance and value

The Nice EL-4KM-V44-18G 4x4 HDBaseT matrix offers unprecedented performance and value for the custom installation market. The EL-4KM-V44-18G is a HDMI 2.0 4K 60Hz 4:4:4 HdCP 2,2 matrix utilizing CSC technology to deliver HDMI, Bi-directional IR and PoC up to lengths of 70m over a single CAT cable.

The Matrix also provides advanced features including simultaneous HDBaseT / HDMI on output 1, video down conversion on HDBaseT outputs, and a web browser interface module for control and configuration on the matrix.



# EL-4KM-V44-18G 4x4 HDBaseT Matrix – 70m



## Features

- Advanced HDBaseT technology enables distribution of video and audio over a single CAT cable
- Advanced Color Space Conversion (CSC) supports HDMI 2.0 18Gbps specification including HDR
- The four (4) HDMI inputs can be independently routed to four (4) HDBaseT outputs
- Output 1 features simultaneous HDMI and HDBaseT output
- Video down-conversion on HDBaseT outputs allowing a display only capable of supporting lower video resolutions (4K 60Hz 4:2:0, or 1080p) to receive 4K 60Hz 4:4:4 video content, while still showing maximum original 4K UHD resolution on remaining video outputs
- Supports 4K 60Hz 4:4:4 UHD video up to 40m, and 1080p video up to 70m
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K and all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus, and DTS-HD Master Audio transmission
- Control via front panel, IR, RS-232, and TCP/IP
- Supports PoC (Power over Cable) to power compatible HDBaseT receivers
- Advanced EDID management and HDCP 2.2 compliant

## PACKAGE CONTENTS

- (1) EL-4KM-V44-18G
- (1) Rack mounting kit
- (1) Remote control
- (4) IR emitters
- (5) IR receivers
- (1) RS-232 control cable
- (1) IR control cable – 3.5mm to 3.5mm cable
- (1) Quick reference guide
- (4) IEC power cables (US, UK, EU and AU)

## Specifications

Video Input Connectors	4 x HDMI Type A, 19-pin, female
Video Output Connectors	1 x HDMI Type A, 19-pin, female, 4 x HDBaseT RJ45 connectors
RS-232 Serial Port	1 x 3-pin Phoenix connector
IR Input Ports	5 x 3.5mm stereo jack
IR Output Ports	4 x 3.5mm mono jack
Rack-Mountable	1 U rack height, rack ears included
Casing Dimensions (W x D x H)	437mm x 44mm x 377mm (without feet)
Shipping weight	6.25 Kg
Operating Temperature	32°F to 104°F (-5°C to 55°C)
Storage Temperature	-4°F to 140°F (-25°C to 70°C)
Power Supply	Internal 100-240V DC
HDBT Power Output	12V DC 0.84A Per Port



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# EL-4KPM-V88-A268-18G

## 8x8 HDBaseT Matrix – 100m



## 8x8 HDBaseT matrix. Unprecedented performance and value

The Nice EL-4KPM-V88-A268-18G 8x8 HDBaseT matrix offers unprecedented performance and value for the custom installation market. The Nice EL-4KPM-V88-A268-18G is a HDMI 2.0 4K 60Hz 4:4:4 HDCP 2.2 matrix utilizing CSC technology to deliver HDMI, Bi-directional IR and PoC up to lengths of 70m over a single CAT cable. The Matrix also provides advanced features including simultaneous

HDBaseT/HDMI on output 1, video down conversion on HDBaseT outputs and independent 26x8 audio Matrix including Audio Return Channel (ARC). The Nice EL-4KPM-V88-A268-18G includes in-built web browser interface module for control and configuration of the Matrix, along with RS-232 and IR pass-through for seamless 3rd party control integration.

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CONTROL SYSTEMS  
**ELAN**  
a Nice brand

# EL-4KPM-V88-A268-18G 8x8 HDBaseT Matrix – 100m



## Features

- Advanced HDBaseT technology enables distribution of video and audio over a single CAT cable
- Advanced Color Space Conversion (CSC) supports HDMI 2.0 18Gbps specification including HDR
- Features 8 x HDMI inputs which can be independently routed to 8 x HDBaseT outputs
- Output 1 features simultaneous HDMI and HDBaseT output
- Video down-conversion on HDBaseT outputs allowing a display only capable of supporting lower video resolutions (4K 60Hz 4:2:0, or 1080p) to receive 4K 60Hz 4:4:4 video content, while still showing maximum original 4K UHD resolution on remaining video outputs
- Supports 4K 60Hz 4:4:4 UHD video up to 70m, and 1080p video up to 100m
- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio transmission
- Web interface module for control and configuration of Matrix
- Supports bi-directional IR and RS-232 on all HDBaseT outputs
- Control via front panel, IR, RS-232 and TCP / IP
- Supports PoC (Power over Cable) to power compatible HDBaseT receivers
- Supplied with Nice 5V 3.5mm IR receivers and emitters
- Advanced EDID management and HDCP 2.2 compliant
- ARC feature compatible with EL-4KHDBT-RX-70-ARC-18G only
- 26x8 Audio Matrix independently controllable from video. Audio source inputs include
  - 8 x audio breakout from HDMI source inputs
  - 8 x audio breakout from zone outputs
  - 8 x ARC from zone outputs
  - 1 x Optical and 1 analogue audio input

## Specifications

Video Input Connectors	8 x HDMI Type A, 19-pin, female
Video Output Connectors	1 x HDMI Type A, 19-pin, female, 8 x HDBaseT RJ45 connectors
Audio Input Connectors	1 x Analog audio L/R (3.5mm stereo jack), 1 x Optical (S/PDIF)
RS-232 Serial Port	9 x 3-pin Phoenix connector
IR Input Ports	9 x 3.5mm stereo jack
IR Output Ports	9 x 3.5mm mono jack
Rack-Mountable	2 U rack height, rack ears included
Casing Dimensions (W x D x H)	436mm x 88mm x 400mm (without feet)
Shipping weight	10.5 Kg
Operating Temperature	32°F to 104°F (-5°C to 55°C)
Storage Temperature	-4°F to 140°F (-25°C to 70°C)
Power Supply	Internal 100-240V DC

### PACKAGE CONTENTS

- (1) EL-4KPM-V88-A268-18G
- (1) Rack mounting kit
- (1) Remote control
- (8) IR Emitter
- (9) IR Receiver
- (1) Serial cable-DB9 to 3-pin phoenix connector
- (1) IR control cable-3.5mm to 3.5mm cable
- (1) Quick reference guide

### IEC Power Cable (s)

Note: Battery not included CR2025 battery required for remote control

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