

# TD-4A-SET

## 4x4 HDbaseT Matrix + IR and RS232 Control



### TD-4A-SET

The TeleDelta HDbaseT TD-4A-SET (4x4 HDbaseT Matrix and 4x Receivers) is a cost effective 4x4 Matrix solution for HDbaseT content distribution for resolutions of up to full HD 1080P over a 70M distance using Cat5E / 6 cable.

The TD-4A-SET provides 4x HDMI Input ports and 4+4 output ports (4 HDbaseT + 4 HDMI outputs)

Integrated RS232 and IR control provides upstream / downstream source and device control, allowing 3rd party system control integration.

Advanced EDID setup allows users to manage EDID devices within the system.

The TD-4A-SET also provides Power over HDbaseT (POH) meaning power-supplies are not required at each receiver location.

### The TeleDelta TD-4A-SET includes 4x Receivers (TD-1ARX-RS232)

#### TD-1A-SET Key Features

- Distribute Full HD over Cat5E / 6 Cable up to 70m
- 4x4 Matrix Solution - 4x HDBaseT + 4x HDMI Outputs
- Integrated IR and RS232 communications
- Front Panel source selection + remote
- Programmable EDID Management + Control
- Supports POH - Only one power supply is required
- Dolby TrueHD or DTS-HD Master Audio support

### TD-4A-SET Quick Overview

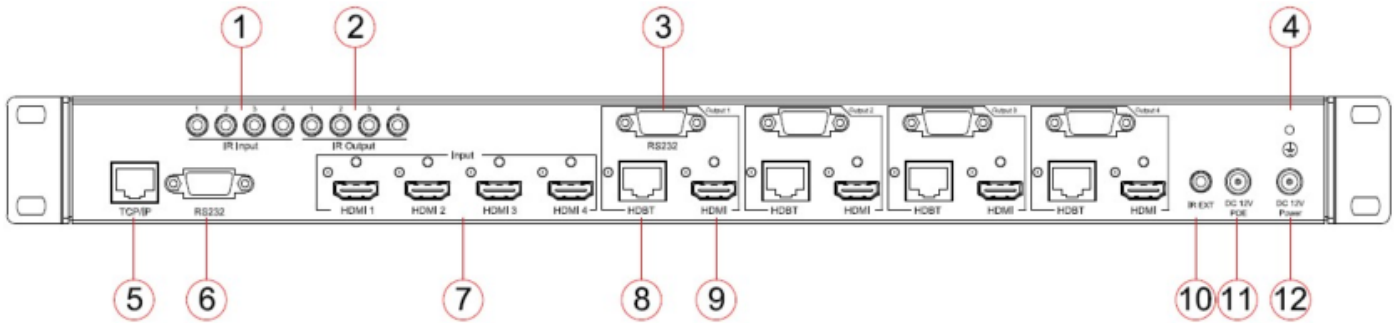
Transmitter / Receiver Ordering PN:	TD-4A-SET
4x4 Matrix Part No.	TD-4A-Matrix
Receiver Part No.	TD-RX1A-RS232
Video Input (Matrix)	4x HDMI (DVI) with adaptor
RJ45 Connector (Matrix Output)	x4
Video Format / Distance	
1080P (60 Hz)	230ft (70m) over Cat5E/6
Audio Component (see below)	Up to Dolby TrueHD or DTS-HD Master Audio
Communication	RS232 (2-way communications)
	IR (2-way communications)
	Push Button Source Selection + IR Remote Control
EDID Management	See below
Power Input	12V - POH (Power Supply at Matrix only)

For more information please contact your local distributor or [sales@teledelta.com](mailto:sales@teledelta.com)

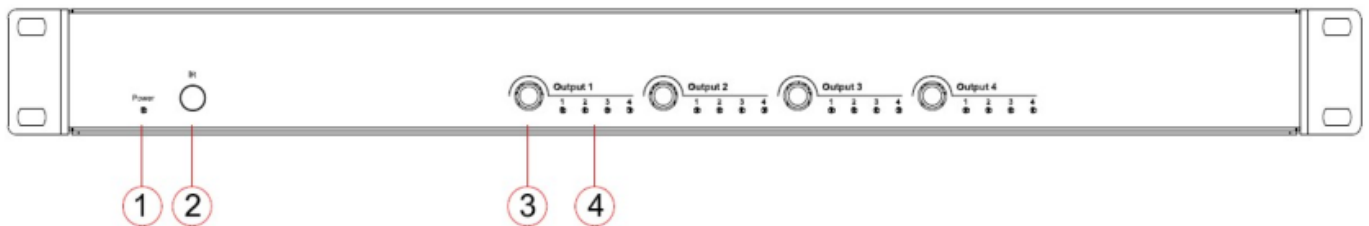


# TD-4A-SET

## 4x4 HDbaseT Matrix + IR and RS232 Control



- |   |  |
|---|--|
| 1. IR Input 1-4 (3.5mm jack)                        | 7. 4x HDMI Source Inputs                       |
| 2. IR Outputs 1-4 (3.5mm jack)                      | 8. HDbaseT Output                              |
| 3. RS232 Port - per HDbaseT output                  | 9. HDMI Output                                 |
| 4. Grounding Point                                  | 10. IR Extension Receiver Input                |
| 5. Network Management                               | 11. POH Power Input (Powers HDbaseT Receivers) |
| 6. RS232 - PC Controller (Connect this RS232 to PC) | 12. Power Input (Matrix Power)                 |



- |                                      |                             |
|--------------------------------------|-----------------------------|
| 1. Power Light                       | 3. Output Selection         |
| 2. IR Receiver (From remote control) | 4. Current Output Selection |

Matrix Technical Specifications (Video / Audio)	
Input (Source) Connectors	4x HDMI - Type A - 19 Pin Female
Output	4x HDbaseT + 4x HDMI Connectors
HDMI	V1.4 - HDCP Supported
<b>Format / Distance</b>	
1080P @ 60hz	230 (70m) over Cat5E / 6
Bandwidth Through-put	2.97Gbps
Supported Video Resolutions	Up to 1080P @ 60Hz (HDMI)
	Up to 1080I @ 60Hz (HDMI)
	1920 x 1080 @ 60Hz (DVI) no audio
	1920 x 1200 @ 60Hz (DVI) no audio
	1280 x 1024 @ 60Hz (DVI) no audio

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## TD-4A-SET

### 4x4 HDbaseT Matrix + IR and RS232 Control

<b>Communications (Matrix)</b>	
RJ45	Yes - TCP/IP
IR Input / Output	3.5mm Stereo Jack (Each)
RS232 Input / Output	DB9 Connector (HDbaseT) + RS232 PC Control
Power	2x 12V - 2 Amps (single end only required)
Connector	Screw connector
Dimensions	425 x 246 x 50mm
Weight	2.8kgs
Mounting	Rack mount or Feet Mount

<b>EDID Setup Configuration (Manual Dip-Switch)</b>	[DIP]=0000: HDMI 1080p@60Hz, Audio 2CH PCM
	[DIP]=0001: HDMI 1080p@60Hz, Audio 5.1CH PCM/DTS/DOLBY
	[DIP]=0010: HDMI 1080p@60Hz, Audio 7.1CH PCM/DTS/DOLBY/HD
	[DIP]=0011: HDMI 1080i@60Hz, Audio 2CH PCM
	[DIP]=0100: HDMI 1080i@60Hz, Audio 5.1CH PCM/DTS/DOLBY
	[DIP]=0101: HDMI 1080i@60Hz, Audio 7.1CH PCM/DTS/DOLBY/HD
	[DIP]=0110: HDMI 1080p@60Hz/3D, Audio 2CH PCM
	[DIP]=0111: HDMI 1080p@60Hz/3D, Audio 5.1CH PCM/DTS/DOLBY
	[DIP]=1000: HDMI 1080p@60Hz/3D, Audio 7.1CH PCM/DTS/DOLBY/HD
	[DIP]=1001: HDMI 4K2K, Audio 2CH PCM
	[DIP]=1010: HDMI 4K2K, Audio 5.1CH PCM/DTS/DOLBY
	[DIP]=1011: HDMI 4K2K, Audio 7.1CH PCM/DTS/DOLBY/HD
	[DIP]=1100: DVI 1280x1024@60Hz, Audio None
	[DIP]=1101: DVI 1920x1080@60Hz, Audio None
	[DIP]=1110: DVI 1920x1200@60Hz, Audio None

<b>Included in Package (TD-4A-SET)</b>	
TD-4A-Matrix	x1
TD-RX1A-RS232 (IR + RS232)	x4
Power-supply (12V 2amp)	x2
IR Transmitter / Receiver	x4 Each
Mounting Ears	x1 Set

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