APANTAC KVM-SET-17 4K/UHD KVM Extenders User Manual

Contents

1 APANTAC KVM-SET-17 4K/UHD KVM Extenders
2 Product Usage Instructions
3 Package Contents
4 Features
5 Specifications
6 OVERVIEW
7 Installation
8 Documents / Resources
8.1 References

APANTAC KVM-SET-17 4K/UHD KVM Extenders

Specifications

- **Function:** KVM-1-UHD-Tx-POE
- **HDMI In Connectors:** 1 x HDMI Type A Female
- **HDMI Out Connectors:** 1 x HDMI Type A Female
- **RJ45 Connectors:** 1 x HDMI Type A Female, 1 x RJ45 for HDBaseT
- **USB:** USB B x1, USB A x 2
- **SPDIF Input:** Toslink Jack x 1
- **SPDIF Output:** Toslink Jack x 1
- **RS-232 Connectors:** DB9 female
- **IR In/Out:** 3.5 Stereo Jack x 1
- **Audio In/Out:** 3.5 Stereo Jack x 1
- **DIP SW LED:** 4 in 1 LED x 1
- **DC Jack:** 48V
- **Max Resolution:** 4K60Hz
- **Max Distance:** 100 meters
- **Weight:** 415g (Transmitter), 405g (Receiver)
- **Dimensions (LxWxH):** 152 x 115 x 20 mm

Product Usage Instructions

Installation

1. Turn off the source and display.
2. Connect the HDMI cable between the source and the transmitter.
3. Connect the HDMI cable between the display and the receiver.

4. Connect the LAN (RJ45) cable between the transmitter and receiver.
5. Connect the mouse and keyboard.
6. Connect the CAT cable between the transmitter and receiver.
7. Connect the power to both the transmitter and receiver.
8. Power on the source and display.

IR Blaster Cable:
Connect the IR blaster cable to the corresponding port.

IR Receiver Cable:
Connect the IR receiver cable to the corresponding port.

FAQ

- **Q: What is the maximum resolution supported by the KVM-SET-17?**
  A: The KVM-SET-17 supports a maximum resolution of 4K60Hz.
- **Q: What is the maximum distance that can be extended by the KVM-SET-17?**
  A: The KVM-SET-17 can extend signals up to a distance of 100 meters.
- **Q: Does the KVM-SET-17 support USB 2.0?**
  A: Yes, the KVM-SET-17 supports USB 2.0.
- **Q: Can I control devices using IR with the KVM-SET-17?**
  A: Yes, the KVM-SET-17 supports all frequency IR control.
- **Q: Does the KVM-SET-17 support audio?**
  A: Yes, the KVM-SET-17 supports LPCM, Dolby True HD, and Dolby Digital audio.

Overview
KVM-SET-17 can extend HDMI 2.0 UHD computer signals up to 100 meters with USB 2.0 over a single CAT6 cable.

Package Contents

- 1 x KVM-1-UHD-Tx-POE (Transmitter)
- 1 x KVM-1-UHD-Rx-POE (Receiver)
- 1 x Power adapter DC48V with lock +2 x mounting plates

Features

- Supports 4K@60Hz (4:4:4)
- Supports 1080P@120Hz
- Supports HDCP 1.4/2.2/2.3
- HDMI loop through
- Extends HDMI 2.0 signals up to 100 meters
- Supports POE
- Supports USB 2.0
- Supports 3D and CEC pass-through

- Supports bi-directional RS-232
- Supports all frequency IR control
- Supports LPCM, Dolby True HD and Dolby Digital audio

Specifications

Function	KVM-1-UHD-Tx-POE	KVM-1-UHD-Rx-POE
HDMI In Connectors	1 x HDMI Type A Female	
HDMI Out Connectors	1 x HDMI Type A Female	1 x HDMI Type A Female
RJ45 Connectors	1 x RJ45 for HDBaseT	
USB	USB B x1, USB A x 2	USB-A-Type Female x 2
SPDIF Input		Toslink Jack x 1
SPDIF Output	Toslink Jack x 1	
RS-232 Connectors	DB9 female	
IR In/Out	3.5ψ Stereo Jack x 1	
Audio In/Out	3.5ψ Stereo Jack x 1	
DIP SW	3 Pin x 1	
LED	4 in 1 LED x 1	
DC Jack	48V	
Max Resolution	4K60Hz	
Max Distance	100 meters	
Weight	415g	405g
Dimensions (LxWxH)	152 x 115 x 20 mm	

OVERVIEW

FRONT VIEW (Transmitter)

1. USB 2.0 (USB Device)
2. USB 2.0 (USB Host)
3. SPDIF Out
4. Rs232
5. IR out (IR blaster)
6. IR In (IR receiver)
7. DIP Switch

1. Pin 1
    - OFF: DEFAULT
    - ON: FW upgrade mode
2. Pin 2 – Reserved
3. Pin 3
    - OFF: HDBT Mode
    - ON: Long Reach Mode

8. POWER / VIDEO / LINK / MODELLED

FRONT VIEW (Receiver)

1. USB 2.0 (USB Device)
2. SPDIF Out
3. Rs232
4. IR out (IR blaster)
5. IR In (IR receiver)
6. DIP Switch
    1. Pin 1
        - OFF: DEFAULT
        - ON: FW upgrade mode
    2. Pin 2 – Reserved
    3. Pin 3
        - OFF: HDBT Mode
        - ON: Long Reach Mode
7. POWER / VIDEO / LINK / MODELLED

REAR VIEW (Transmitter)

1. Power 48V DC
2. LINK Out (RJ-45 Connector)
3. HDMI In / Out
4. Audio In

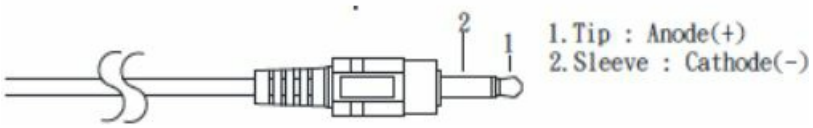
REAR VIEW (Receiver)

1. LINK In (RJ-45 Connector)
2. HDMI Out
3. Audio Out
4. Audio In

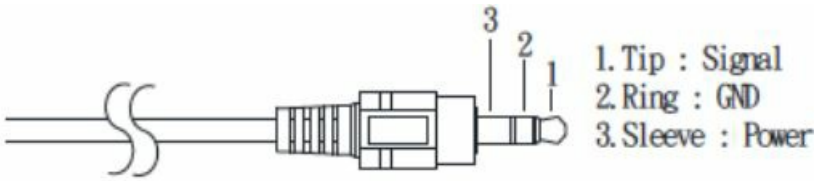
Installation

1. Turn off source and display
2. Connect the HDMI cable between the source and the transmitter
3. Connect the HDMI cable between the display and the receiver
4. Connect the LAN (RJ45) cable between the transmitter and receiver
5. Connect mouse and keyboard
6. Connect the CAT cable between the transmitter and receiver
7. Connect the power to both the transmitter and receiver
8. Power on the source and display

IR Blaster Cable:
Connect the IR blaster cable to <IR OUT> port.



IR Receiver Cable:
Connect the IR blaster cable to <IR OUT> port.



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Documents / Resources

	APANTAC KVM-SET-17 4K/UHD KVM Extenders [pdf] User Manual KVM-SET-17 4K UHD KVM Extenders, KVM-SET-17, 4K UHD KVM Extenders, UHD KVM Extenders, KVM Extenders, Extenders

References

- **User Manual**

Manuals+, Privacy Policy