



AcePro-SP33-1

1080P 1x4 HDMI Splitter Over
Cat6 Extender

User Manual

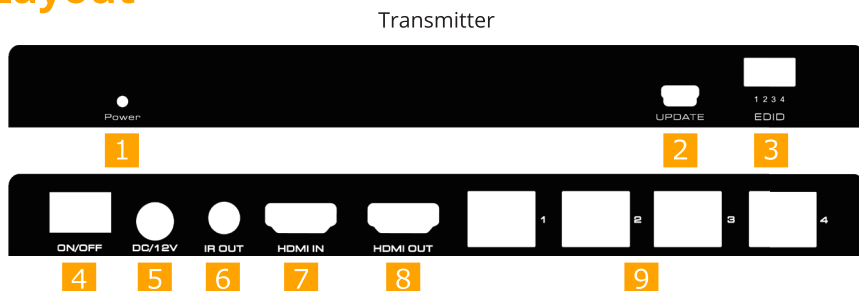
Features

- Connect up to 8 displays from a single HDMI source
- Transmits HDMI signals over long distances using CAT6/6a cable up to 164ft (50m)
- Delivers Full HD 1080p@60Hz resolution and is compliant with HDCP 1.2
- HDMI loop-out: Connects a local display at the transmitter end and up to 4 receivers
- Supports PCM 2 / 5.1 / 7.1CH, Dolby and DTS 5.1 / 7.1CH
- Supports Power over Cable function
- Supports one-way IR remote control from RX to TX
- EDID management to set the video and audio modes for the HDMI source

Package Contents

- 1x Transmitter
- 4x Receiver
- 1x DC Power Adapter 12V/2A
- 1x IR Blaster Cable
- 4x Receiver Cable
- 1x Mount Kit for Transmitter
- 1x User Manual

Layout



1. **Power LED:** Shows red when power on
2. **Mini USB-B:** For firmware update
3. **EDID Switch:** Sets the video and audio EDID
4. **Power Switch:** Power ON & OFF switch
5. **Power Jack:** For plugging in DC12V/2A power adapter
6. **HDMI Input:** Connect to HDMI source
7. **HDMI Loop-out:** Connect to HDMI display
8. **IR Out:** Connect with IR blaster extension cable.
Direct line of sight is recommended while operating.
9. **RJ-45:** Connect to the receiver with Cat6/6a cable



- 1. HDMI Output1:** Connect to HDMI display
- 2. HDMI Output2:** Connect to HDMI display
- 3. IR In:** Connect with IR receiver extension cable, please make sure the remote control used is within the effective range.
- 4. RJ-45:** Connect to Transmitter with Cat6 cable

Note:

- We recommend CAT6 UTP cable with 100% copper wiring and IEEE-568B wiring standard.
- We recommend HDMI cables with a maximum length of 33ft/10m.

IR Cable



IR Reciver



IR Blaster

EDID Settings Table

Under normal circumstances, a source device (digital and analog) will require information about a connected device/display to assess what resolutions and features are available. The source can then cater its output to send only resolutions and features that are compatible with the attached device/display. This information is called EDID (Extended Display Information Data) and a source device can only accept and read one EDID from a connected device/display. Likewise, the source can only output one resolution for use by a connected device/display. The EDID switch allows for EDID learning or pre-set an EDID to encourage a “handshake” between the display and source.

Position	EDID description	Position	EDID description
 0	Copy EDID from the Transmitter HDMI Loop Out	 5	1080i, 7.1CH Audio
 1	1080P, 5.1CH Audio	 6	3D, 1080P, 2CH Audio
 2	1080P, 7.1CH Audio	 7	3D, 1080P, 5.1CH Audio
 3	1080i, 2CH Audio	 8	3D, 1080P, 7.1CH Audio
 4	1080i, 5.1CH Audio		

Note:

- When you switch to "0", the Transmitter will copy the HDMI LOOP OUT port display's EDID to source.
- Attention: Please first confirm if the Transmitter and Receiver connects. When you want to modify the new EDID to source, toggle the EDID switch to the corresponding number first, then replug the Transmitter power again. The Transmitter and Receiver will send the new EDID to source.

Q & A

Q: Why is the Power LED off?

- Please check if the power supply is firmly connected and the output voltage is the recommended 12V/2A.

Q: Why is there no sound or having sound issues?

- Please check if the HDMI cables are firmly connected. If the audio format is supported by the displays, customers can change to the supported audio format. Please check if the audio setting on the output is set to HDMI audio.

Q: Why is the output display unstable?

- Check whether the length of the UTP cable connected from the TX to RX is within 164ft/50m.
The recommended maximum length of the HDMI cable is 33ft/10m.

Q: Why is digital audio not working?

- Check if your display supports digital audio and if the digital audio option is selected.
- Check if the EDID switch is using 5.1CH or 7.1CH audio
- Check if your video source is selected as digital audio.



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