KRAMER

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TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID Quick Start Guide

This guide helps you install and use your **TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID** for the first time.

Go to www.kramerav.com/downloads/TP-121EDID to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ☑ **TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID XGA/TP Transmitter**
- ☑ 1 Power supply (12V DC)
- ☑ 4 Rubber feet
- ☑ 1 Quick start guide

Step 2: Get to know your TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID

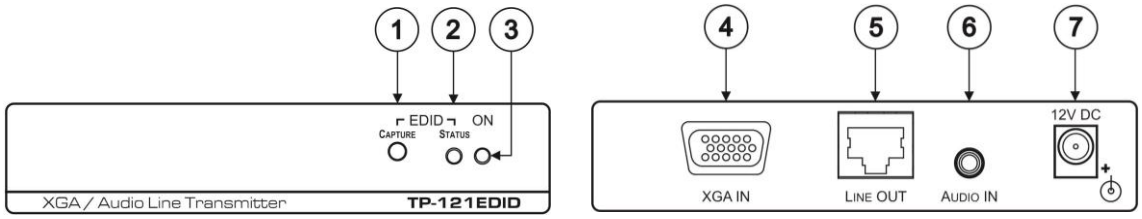


Figure 1: TP-121EDID XGA/Audio Line Transmitter

#	Feature		Function
1	*EDID*	*CAPTURE* Button	Press to capture the EDID information from the display
2		*STATUS* LED	Illuminates during normal operation; flashes when acquiring the EDID
3	*ON* LED		Illuminates when receiving power
4	XGA IN 15-pin HD (F) connector		Connects to the XGA source
5	LINE OUT RJ-45 connector		Connects to the LINE IN RJ-45 connector on a receiver Using a CAT 5 cable with RJ-45 connectors at both ends
6	*AUDIO IN* 3.5mm mini jack		Connects to the audio source
7	*12V DC*		+12V DC connector for powering the unit

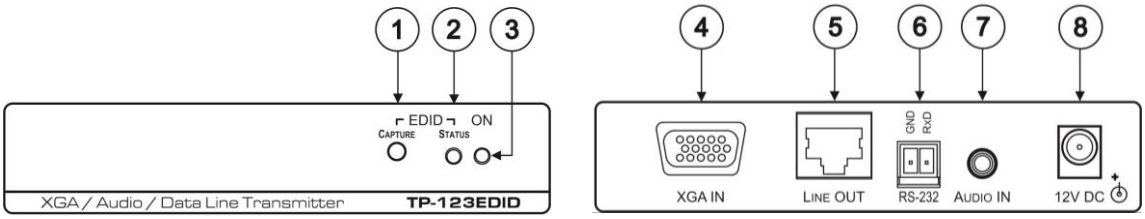


Figure 2: TP-123EDID XGA/Audio/Data Line Transmitter

#	Feature		Function
1	*EDID*	*CAPTURE* Button	Press to acquire the EDID information from the display
2		*STATUS* LED	Illuminates during normal operation; flashes when acquiring the EDID
3	*ON* LED		Illuminates when receiving power
4	*XGA IN* 15-pin HD (F) connector		Connect to the XGA source
5	*LINE OUT* RJ-45 connector		Connects to the LINE IN RJ-45 connector on the **TP-124** *XGA/Audio Line Receiver* Use a CAT 5 cable with RJ-45 connectors at both ends
6	*RS-232* terminal block connector		Connects to the PC or the Remote Controller
7	*AUDIO IN* 3.5mm mini jack		Connects to the audio source
8	*12V DC*		+12V DC connector for powering the unit

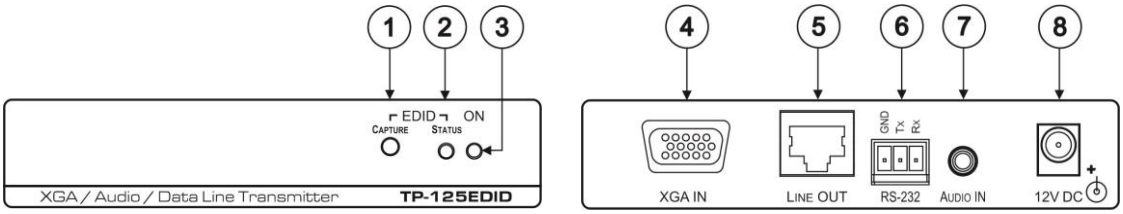


Figure 3: TP-125EDID XGA/Audio/Data Line Transmitter

#	Feature		Function
1	*EDID*	*CAPTURE* Button	Press to acquire the EDID information from the display
2		*STATUS* LED	Illuminates during normal operation; flashes when acquiring the EDID
3	*ON* LED		Illuminates when receiving power
4	*XGA IN* 15-pin HD (F) connector		Connect to the XGA source
5	*LINE OUT* RJ-45 connector		Connects to the LINE IN RJ-45 connector on the **TP-126** *XGA/Audio Line Receiver* Use a CAT 5 cable with RJ-45 connectors at both ends
6	*RS-232* terminal block connector		Connects to the PC or the Remote Controller
7	*AUDIO IN* 3.5mm mini jack		Connects to the audio source
8	*12V DC*		+12V DC connector for powering the unit

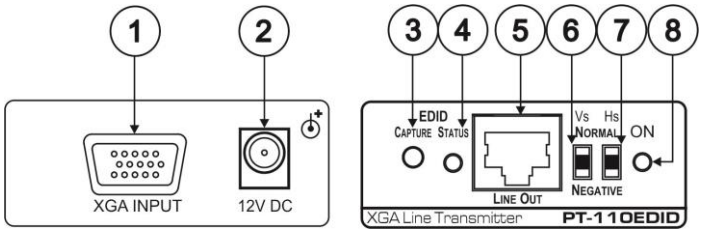
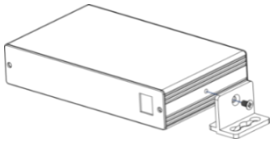


Figure 4: PT-110EDID XGA Line Transmitter

#	Feature		Function
1	*XGA IN* 15-pin HD (F) Connector		Connect to the UXGA source
2	*12V DC*		+12V DC connector for powering the unit
3	*EDID*	*CAPTURE* Button	Press to acquire the EDID information from the display
4		*STATUS* LED	Illuminates during normal operation; flashes when acquiring the EDID
5	*LINE OUT* RJ-45 Connector		Connects to the LINE IN RJ-45 connector on the **TP-120** *UXGA/Audio Line Receiver*
6	*VS* Switch		Slide up to set the V SYNC to NEGATIVE polarity; slide down to set the V SYNC to NORMAL polarity By default, both switches are set down (for normal V SYNC and H SYNC polarity)
7	*HS* Switch		Slide up to set the H SYNC to NEGATIVE polarity (NEG); slide down to set the H SYNC to NORMAL polarity By default, both switches are set down (for normal V SYNC and H SYNC polarity)
8	*ON* LED		Illuminates when receiving power

Step 3: Mount TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID

Install **TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID** using one of the following methods:

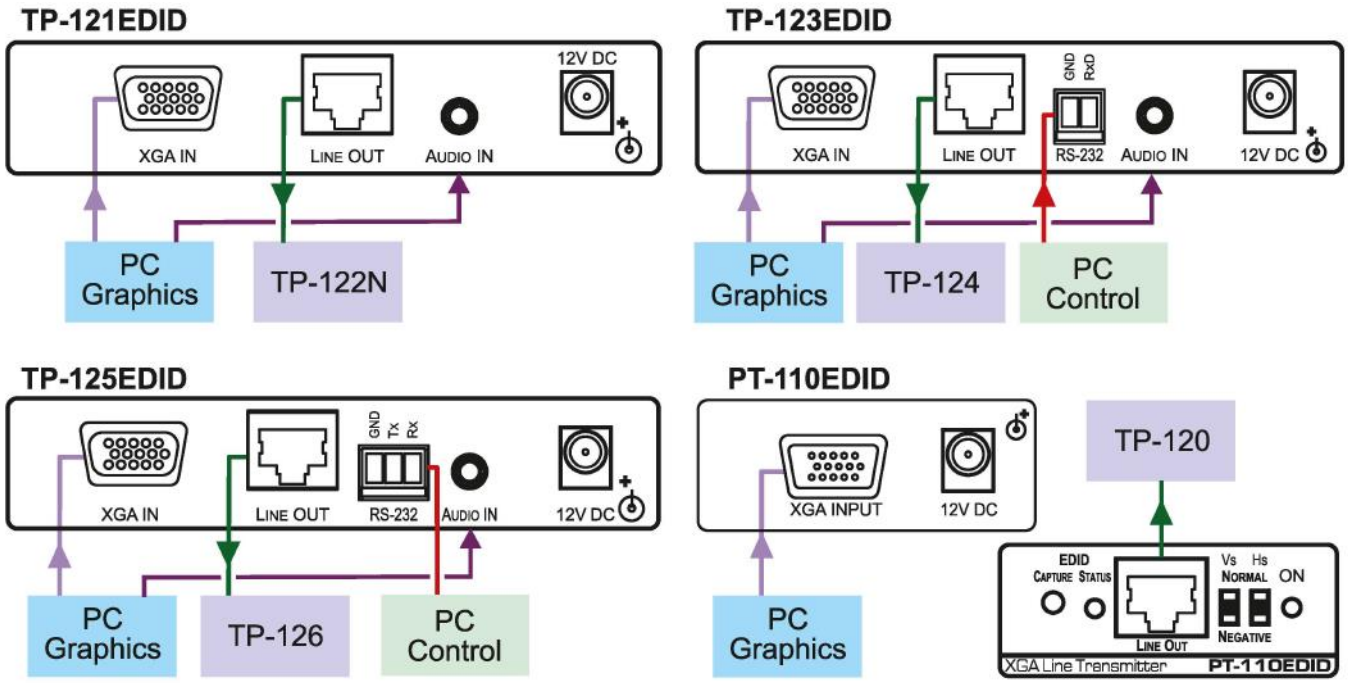


- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket on each side of the unit and attach it to a flat surface (see www.kramerav.com/downloads/TP-121EDID).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/TP-121EDID).

- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible for the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used for avoiding overloading of the circuits.
- Reliable earthing of rack-mounted equipment should be maintained.

Step 4: Connect inputs and outputs

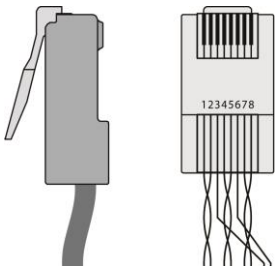
Always switch OFF the power on each device before connecting it to your **TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID**.



Wiring the RJ 45 Connectors

This section defines the TP pinout, using a straight pin-to-pin cable with RJ 45 connectors.

EIA /TIA 568B	
PIN	Wire Color
1	Orange / White
2	Orange
3	Green / White
4	Blue
5	Blue / White
6	Green
7	Brown / White
8	Brown



The shielding must be connected/soldered to the connector shield.

To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/TP-121EDID.

Using third-party cables may cause damage!

Step 5: Connect power

Connect the power cord to **TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID** and plug it into the mains electricity.

Safety Instructions (See www.kramerav.com for updated safety information)

Caution:

- For products with relay terminals and GPI\O ports, please refer to the permitted rating for an external connection, located next to the terminal or in the User Manual.
- There are no operator serviceable parts inside the unit.

Warning:

- Use only the power cord that is supplied with the unit.
- Disconnect the power and unplug the unit from the wall before installing.

Step 6: Operate TP-121EDID, TP-123EDID, TP-125EDID, PT-110EDID

The transmitter can acquire the EDID information from the connected display or it can acquire the default EDID.

To acquire the display EDID, do the following:

1. Using a short cable, connect the XGA INPUT 15-pin HD connector of the transmitter to the XGA input connector of the display.

Pins 12 and 15 of the VGA connector carry the EDID signal.

The cable used for capturing the EDID must pass all 15 pins.

2. Connect the display power.
3. On the transmitter, connect the 12V DC power adapter to the power socket and connect the adapter to the mains electricity.
4. Press the EDID CAPTURE button.
5. Once the EDID STATUS flashes slowly several times, the EDID is captured.
6. Disconnect the display.

To acquire the default EDID:

Do not connect the transmitter to the display when acquiring the default EDID.

1. On the transmitter, connect the 12V DC power adapter to the power socket and connect the adapter to the mains electricity.
2. Press the EDID CAPTURE button.
3. Once the EDID STATUS flashes rapidly several times, the default EDID is captured.

Alternatively, you can press the EDID CAPTURE button after connecting the transmitter-receiver system. When the EDID STATUS LED flashes rapidly several times, the default EDID information is acquired.