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## PT-871, PT-872 Quick Start Guide

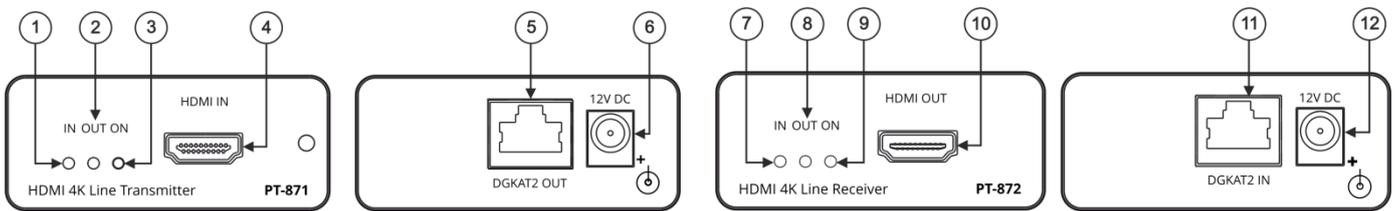
This guide helps you install and use your **PT-871, PT-872** for the first time.

Go to [www.kramerav.com/downloads/PT-871, PT-872](http://www.kramerav.com/downloads/PT-871, PT-872) to download the latest user manual and check if firmware upgrades are available.

### Step 1: Check what's in the box

- ✓ **PT-871, PT-872** HDMI 4K Line Transmitter/Receiver
- ✓ 4 Rubber feet (per unit)
- ✓ 1 Bracket set (per unit)
- ✓ 1 Power supply (12V DC)
- ✓ 1 Quick start guide

### Step 2: Get to know your PT-871, PT-872

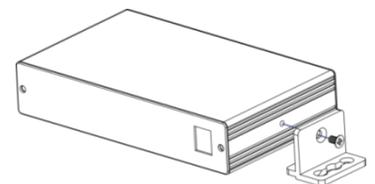


| # | Feature   | Function  |
|---|---|---|
| 1 | LED Indicators  | IN  |
| 2 |   | OUT   |
| 3 |   | ON  |
| 4 | HDMI IN Connector ( <b>PT-871</b> )<br>HDMI OUT Connector ( <b>PT-872</b> )                       | Connects to an HDMI source .<br>Connects to an HDMI acceptor.   |
| 5 | DGKat-2.0 OUT RJ-45 Connector ( <b>PT-871</b> )<br>DGKat-2.0 IN RJ-45 Connector ( <b>PT-872</b> ) | Connects to the DGKat-2.0 IN connector on the <b>PT-872</b> using twisted pair cable.<br>Connects to the DGKat-2.0 OUT connector on the <b>PT-871</b> using twisted pair cable. |
| 6 | 12V DC Connector  | Connects to the unit's power supply.  |

### Step 3: Install the PT-871, PT-872

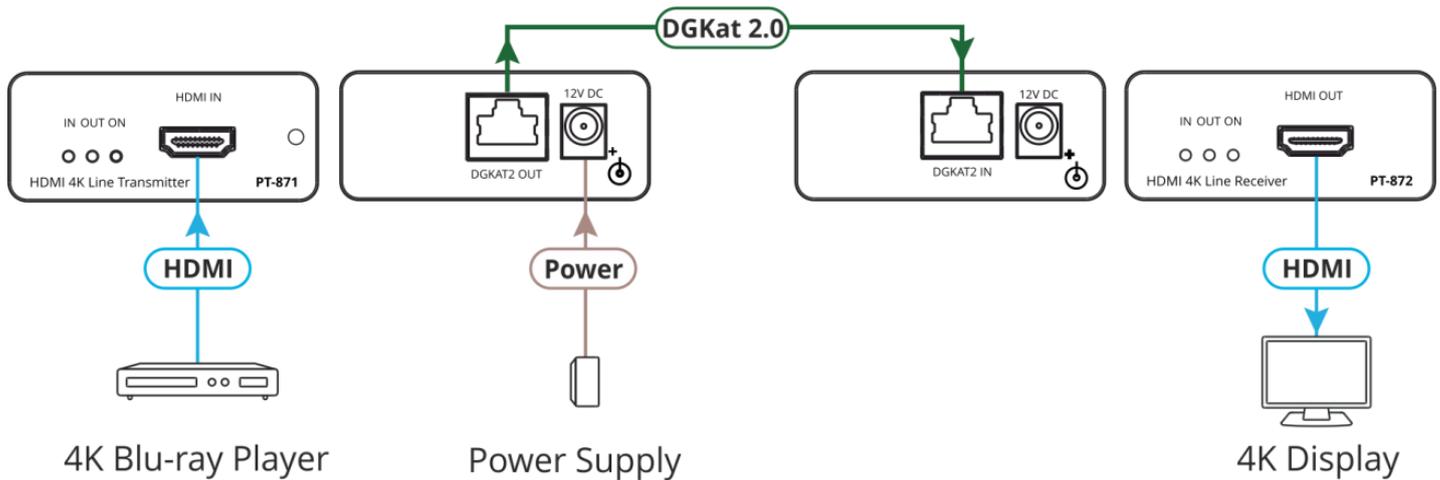
Install **PT-871, PT-872** using one of the following methods:

- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket (included) on each side of the unit and attach it to a flat surface.  
For more information go to [www.kramerav.com/downloads/PT-871, PT-872](http://www.kramerav.com/downloads/PT-871, PT-872).
- Mount the unit in a rack using an optional **RK-4PT** rack adapter.



## Step 4: Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **PT-871, PT-872**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **PT-871, PT-872**.



## Step 5: Connect the power

Connect the 12V power adapter to either **PT-871** or **PT-872** and plug it into the mains electricity. This device provides power to its counterpart via DGKat 2.0. Each device can provide or accept power over cable (PoC) via DGKat 2.0.

### Safety Instructions



- Caution:** There are no operator serviceable parts inside the unit.
  - Warning:** Use only the Kramer Electronics power supply that is provided with the unit.
  - Warning:** Disconnect the power and unplug the unit from the wall before installing.
- See [www.KramerAV.com](http://www.KramerAV.com) for updated safety information.

## Technical Specifications

|                             | PT-871  | PT-872                   |
|-----------------------------|---|--------------------------|
| Inputs:                     | 1 HDMI female connector   | 1 RJ-45 female connector |
| Outputs:                    | 1 RJ-45 female connector  | 1 HDMI female connector  |
| Transmitted Data Bandwidth: | Up to 18Gbps (6Gbps per graphic channel)  |                          |
| Standards Compliance:       | HDMI 2.0, HDCP 2.2, DGKat 2.0   |                          |
| Reach Extension:            | Up to 40m (130ft) at 4K60 (4:4:4 or 4:2:0) or 1080p resolutions, over Kramer DGKat 2.0 compliant copper cable |                          |
| Indicator LEDs:             | In, Out, On   |                          |
| Power Consumption:          | 12V DC, 530mA   | 12V DC, 530mA            |
| Cooling                     | Convection ventilation  |                          |
| Operating Temperature:      | 0° to +40°C (32° to 104°F)  |                          |
| Storage Temperature:        | -40° to +70°C (-40° to 158°F)   |                          |
| Humidity:                   | 10% to 90%, RHL non-condensing  |                          |
| Dimensions:                 | 6.22cm x 5.18cm x 2.44cm (2.45" x 2.0" x 1.0") W, D, H.   |                          |
| Weight:                     | 0.07kg (0.15lbs)  |                          |
| Shipping Dimensions:        | 15.7cm x 12cm x 8.7cm (6.2" x 4.7" x 3.4") W, D, H.   |                          |
| Shipping Weight:            | 0.37kg (0.81lbs)  |                          |
| Included Accessories:       | Power supply, bracket kit   |                          |
| Optional:                   | RK-4PT 19" rack mount   |                          |