# KRAMER

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# KIT-Z100 Quick Start Guide

This guide helps you install and use your **KIT-Z100** for the first time.

Go to www.kramerav.com/downloads/KIT-Z100 to download the latest user manual and check if firmware upgrades are available.

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

- ☑ **ECU-Z100**
- ☑ **KT-107Z/KT-107ZRB** (with restricted BW, up to 5.35GHz)
- ☑ On-wall mount unit
- ☑ Panel Mount plate
- ☑ 1 19V DC power adapter and cord
- ☑ 1 5.2V power adapter and cord
- ☑ 1 C-USB/Micro B cable
- ☑ 1 right-angle OTG USB cable
- ☑ 1 Quick start guide
- ☑ Tabletop mount
- ☑ Installation screws

## Step 2: Get to know your KIT-Z100

ECU-Z100
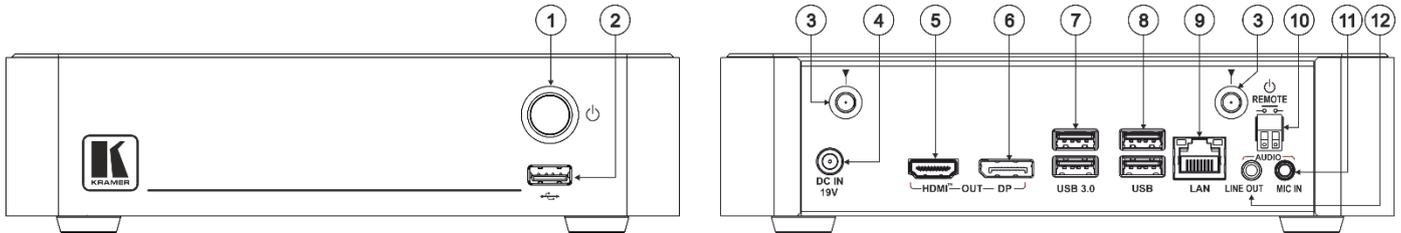
| # | Feature | | Function |
|---|---------|---|----------|
| 1 | Power Button | | For turning the unit on and off. |
| 2 | USB 2.0 Connector | | For upgrading firmware or connecting a USB device. |
| 3 | Wi-Fi Antenna Port (2) | | Connect the Wi-Fi antennas for collaborating via the built-in Wi-Fi. |
| 4 | DC IN 19V Connector | | Connect to the 19V DC power adapter. |
| 5 | HDMI OUT Connector | | Connect to an HDMI display. |
| 6 | DP OUT Connector | | Connect to a DisplayPort display. |
| 7 | USB 3.0 Connectors | | Connect to up to 2 USB devices. |
| 8 | USB 2.0 Connectors | | Connect to up to 2 USB devices. |
| 9 | LAN RJ-45 Connector | | Connect a Local Area Network (LAN) cable. |
| 10 | REMOTE 2-pin Terminal Block Connector | | Connect to a toggle switch to remotely turn the device on and off. |
| 11 | AUDIO | MIC IN 3.5mm Mini Jack | Connect to a microphone. |
| 12 | | LINE OUT 3.5mm Mini Jack | Connect to an unbalanced stereo audio acceptor. |

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

P/N: 2900-301420QS     Rev: 1

**KT-107Z/KT-107ZRB**
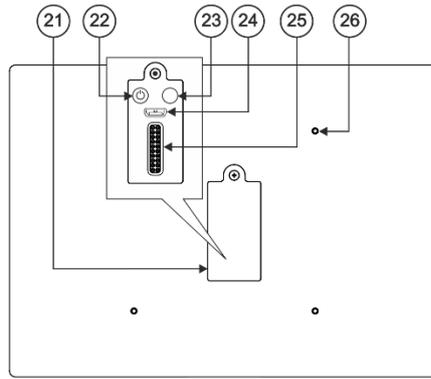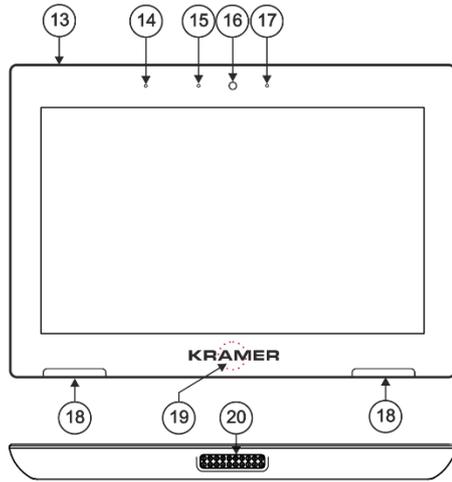


Both Table-top mount and wall mount include the following connectors:

- A power connector, when not using the PoE Ethernet port.
- PoE RJ-45 Ethernet Port to connect to an Ethernet cable.
- A USB connector:
  - For the table-top mount, a Micro-USB port, for connecting an external USB device (for example, a headset or memory disk).
  - For the wall mount, a Type A USB port is available using the right-angle OTG USB cable (included).

| # | Feature | Function |
|---|---------|----------|
| 13 | Hidden Reset Button | Located on top-side. Insert a pin and hold for a few seconds to reset **KT-107Z/KT-107ZRB**. |
| 14 | Light Sensor | Automatically adjusts the screen brightness according to the room lighting conditions. |
| 15 | Activity RGB LED | Lights green when powered, flashes green when charging the battery, lights red when camera on. |
| 16 | Camera | For remote room viewing or video conferencing. |
| 17 | Microphone | For audio communication, recording or conferencing. |
| 18 | Speakers | To output the sound. |
| 19 | Control Button | Press and hold (for 2 seconds) to power down the unit, reboot it or return to the Home-page, via pop-up menu. This button is password protected (default: Kramer). |
| 20 | Tabletop Mount Connector | For connecting to the tabletop mount. |
| 21 | Cover | Covers the wall mount connections and power button. |
| 22 | Power Button | Press to power on the **KT-107Z/KT-107ZRB**. When powered, press briefly to power down the device, reboot it or return to the Home-page, via pop-up menu. Press and hold to power down the device immediately. This button is also used for firmware upgrade. |
| 23 | Volume-up Button | Use to increase **KT-107Z/KT-107ZRB** speaker volume. Use also for firmware upgrade. |
| 24 | Micro USB Port | For connecting to an adjacent on-wall USB device and for firmware upgrade. |
| 25 | Flat Cable Connector | For connecting to the on-wall mount unit. |
| 26 | Connecting Holes | For connecting to the tabletop mount or the panel mount plate. To prevent potential damage to the **KT-107Z/KT-107ZRB**, use only Kramer supplied screws and mounts. |

# Step 3:  Mount ECU-Z100

Install **ECU-Z100** 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 (see www.kramerav.com/downloads/KIT-Z100).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/KIT-Z100).
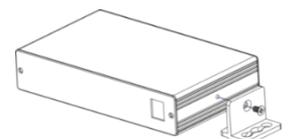


⚠️
- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible for the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used for avoiding overloading of the circuits.
- Reliable earthing of rack-mounted equipment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

# Step 4: Mount KT-107Z/KT-107ZRB

**Mounting on a table using one of the following options:**

**Portable Mount**: place the tabletop mount on the table. Connected cables remain visible and the table remains intact.

**Secure Mount**: secure the tabletop mount to the table as follows:

1. Measure the exact location on the surface of the table where you want to install the **KT-107Z/KT-107ZRB**.

2. Drill a hole in the table and optionally cut the cable pass-through opening according to the cut-out dimensions defined in the user manual.

3. Secure the tabletop mount to the table using the M5x60 secure screw.

4. Connect the Ethernet port to a PoE-enabled source. Optionally, you can connect the power adapter too (as backup).

5. Replace the appropriate cover and place the **KT-107Z/KT-107ZRB** over the tabletop mount (the  is magnetically held in place), by first inserting the lower part of the  then carefully laying the **KT-107Z/KT-107ZRB** in place.

6. Wait for the Home-page to load and then secure the **KT-107Z/KT-107ZRB** to the tabletop mount from the rear side (using 2 M2x4 screws, supplied with the unit).

7. Optionally, lock the tabletop mount with a Kensington locker (not supplied).
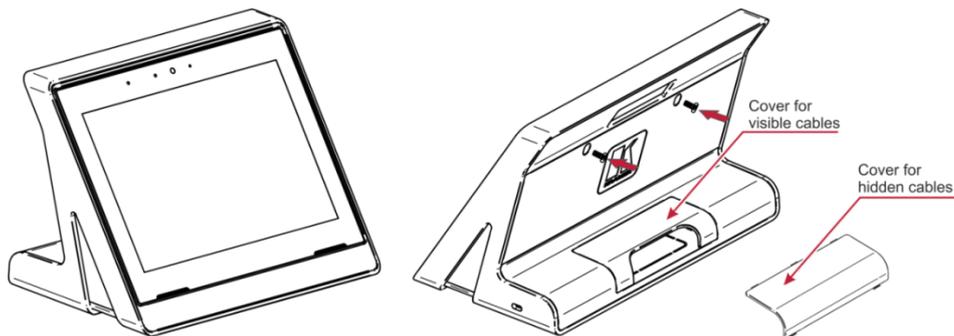


**Mounting on the wall:**

Before mounting **KIT-Z100** on a wall, install an in-wall junction box (recommended boxes are listed in the user manual)

1. Attach the on-wall mount unit to the installed junction box (top side up see indication arrows on unit).
   Connect Ethernet and/or power cables and optionally, insert the right-angle USB cable (supplied) for connecting to an adjacent external USB device.

2. Screw the 4 wall-mounting screws (supplied) through the screw openings.
   The various screw openings fit various types of wall junction boxes.

3. On the rear side of the **KT-107Z/KT-107ZRB**, remove the screw cover and the cover (by slightly pressing downwards and then pulling out) and set aside.

4. Attach the panel mount plate to the rear side of the **KT-107Z/KT-107ZRB** (using 4 M2x4 screws, supplied).

5. Connect the flat cable from the on-wall mount (attached to the in-wall junction box) to the connector on the rear of **KT-107Z/KT-107ZRB**.

6. Hang the **KT-107Z/KT-107ZRB** on the wall by sliding the tabs on the attached panel mount plate over the grooves on the on-wall mount unit.
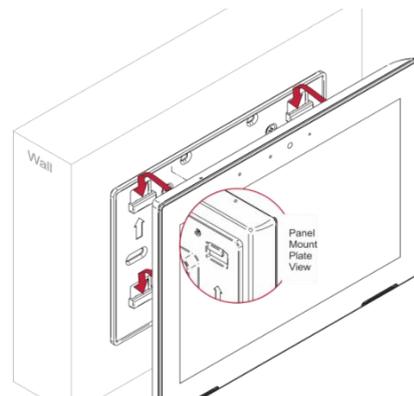
# Step 5:  Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **KIT-Z100**.
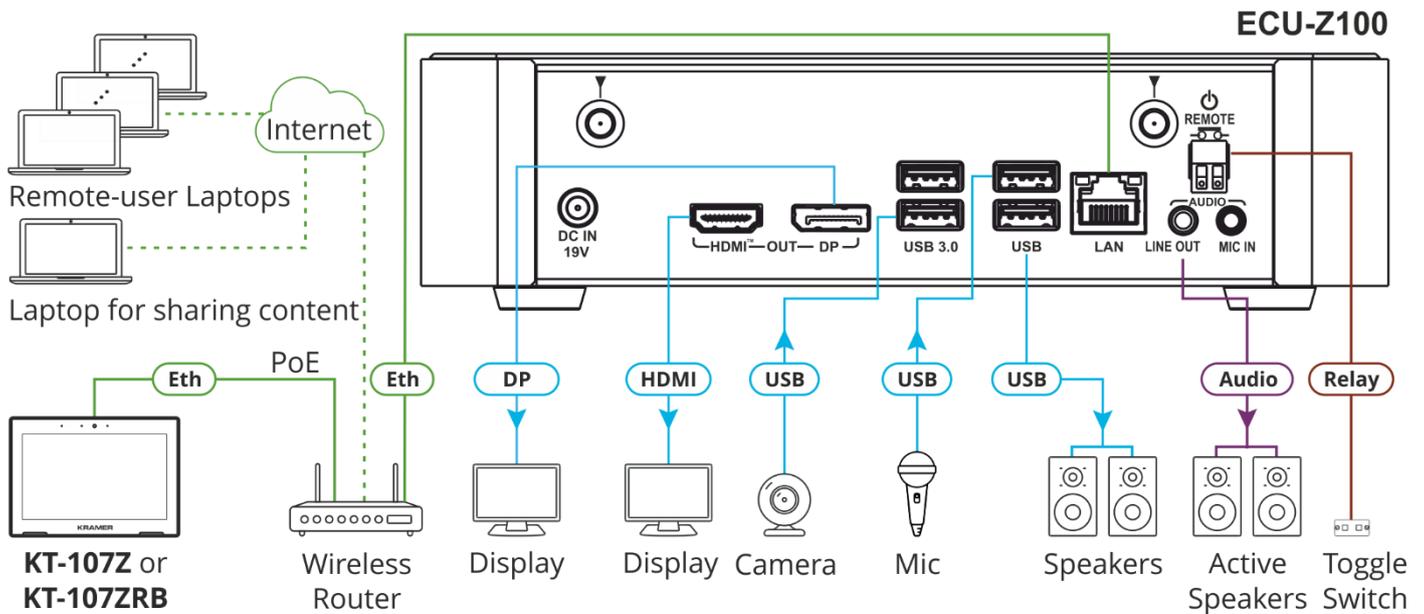


ℹ️ To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/KIT-Z100. Using third-party cables may cause damage!

Microphone and speakers can be connected to **ECU-Z100** in the following ways:

- Speakers can be connected via LINE OUT connector and/or USB ports.
- Microphones cab be connected via MIC IN connector (via amp) and/or USB ports.
- Speakerphones (combining a speaker and a microphone) can be connected via USB ports.

**KT-107Z/KT-107ZRB** can be powered in any of the following ways:

- Using the power adapter when connected by LAN (without PoE support).
- Using the power adapter when connected to LAN by Wi-Fi
- By PoE when connecting to Ethernet by PoE-supporting LAN.

# Step 6:  Connect power

Connect the power cord to **ECU-Z100** and plug it into the mains electricity.

If required, connect the power adapter on the **KT-107Z/KT-107ZRB** to the Power 2-pin terminal block connector on the tabletop mount and to the mains power.

⚠️ Safety Instructions (See www.kramerav.com for updated safety information)
**Caution:**
- 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.
- Do not open the unit. High voltages can cause electrical shock! Servicing by qualified personnel only.
- To ensure continuous risk protection, replace fuses only according to the rating specified on the product label which located on the bottom of the unit.

# Step 7:  Set and operate KIT-Z100

Before setting up the application on **KT-107Z/KT-107ZRB**, you need to acquire Zoom Rooms licenses.

To set and operate the application, go to the Zoom Rooms website at support.zoom.us/hc/en-us.

To use the Zoom Rooms widget on Kramer Control, go to Zoom Rooms settings at www.manula.com/manuals/kramer/kramer-control/1/en/topic/zoom-room-module.

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