

The Kramer WP-301xl Wall Plate

Congratulations on purchasing your Kramer **WP-301xl Wall Plate** which is ideal for boardrooms and presentation rooms.

The **WP-301xl** is a single-gang wall plate insert. EDID information can be stored in the wall plate by using the **FC-200 XGA EDID Copier** Kramer Tool (see the **FC-200 XGA EDID Copier User Manual**). The **WP-301xl** is supplied with a power supply.

WP-301xl Wall Plate US Version

[Figure 1](#) and [Table 1](#) define the US version of the **WP-301xl Wall Plate**.

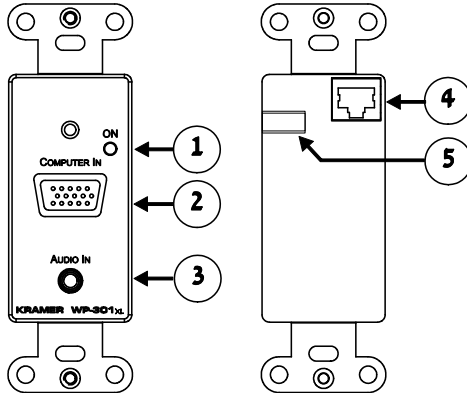


Figure 1: WP-301xl Wall Plate US Version Front and Rear Views

Table 1: WP-301xl Wall Plate US Version Front and Rear Features

#	Feature	Function
1	ON LED	Lights red when receiving power (when no signal is detected); lights green when receiving a signal
2	COMPUTER IN 15-pin HD Connector	Connect to the computer graphics source
3	AUDIO IN 3.5mm Mini Jack	Connect to the audio source
4	RJ-45 Connector	Connect to the SV-551/SV-552 Processor/Controller
5	DC IN Power Connector	Connect to the 12V power supply (supplied free)

Wiring the Twisted Pair RJ-45 Connector

The US versions of the wall plates are equipped with RJ-45 terminals. [Figure 2](#) defines the STP pinout using a straight pin to pin cable with RJ-45 connectors. For STP cable, cable shielding must be connected/soldered to the connector shield.

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
Pair 1 4 and 5	
Pair 2 1 and 2	
Pair 3 3 and 6	
Pair 4 7 and 8	

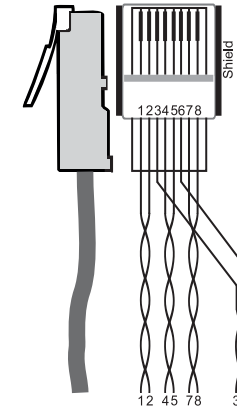


Figure 2: RJ-45 Pinout (U.S.)

WP-301xl Wall Plate EU/UK Versions

[Figure 3](#) and [Table 2](#) define the EU/UK version of the **WP-301xl Wall Plate**.

Destination Belgium and Germany

Destination England and the rest of Europe (excluding Belgium and Germany)

Rear panel view

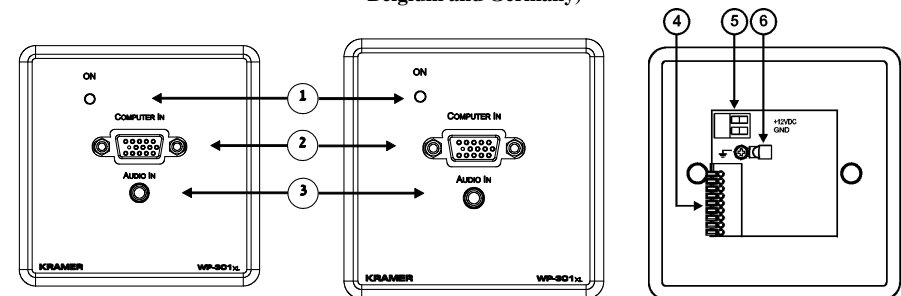


Figure 3: WP-301xl Wall Plate EU/UK Front and Rear Views

Table 2: WP-301xl Wall Plate EU/UK Front and Rear Features

#	Feature	Function
1	ON LED	Lights red when receiving power (when no signal is detected); lights green when receiving a signal
2	COMPUTER IN 15-pin HD Connector	Connect to the computer graphics source
3	AUDIO IN 3.5mm Mini Connector	Connect to the audio source
4	Terminal Block	Connect to SV-551/SV-552 Processor/Controller (see Figure 4)
5	+12V GND 2-pin Power Terminal Block	Connect to the 12V power supply (included)
6	GROUND Connection	Ring tongue terminal and grounding screw

Wiring the U.K. and European TP Terminal Blocks

The European wall plates are equipped with an easy plug-in terminal block to attach the twisted pair cables. Follow the colors of the color-coded sticker on these terminals for proper connection of the cable.

Figure 4 defines the pinouts for the TP terminal block.

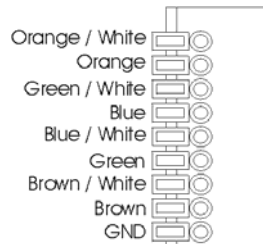


Figure 4: WP-301xl Wall Plate EU/UK TP Terminal Block Pinouts

Notes:

- Use the connector clips when removing the wires, not when inserting them
- Each wire protrudes 9mm in length from the plastic insulation so that it can be easily connected. To prevent the wires crossing, be sure that each wire is completely inserted
- The cable ground shielding must be connected / soldered to the connector shield

Grounding the Wall Plate

Use the grounding screw to earth the chassis of the unit to the ground of the building. This prevents static electricity from interfering with the product's performance.

Figure 5 defines the grounding screw components.

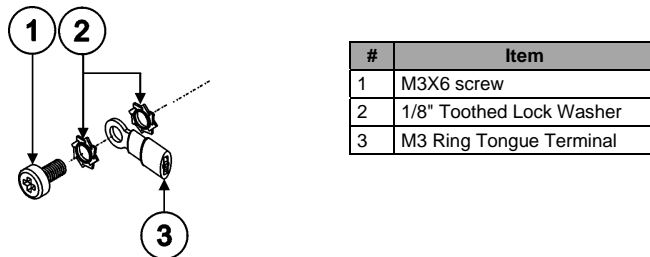


Figure 5: Grounding Screw Components

To ground the wall plate:

1. Connect the ring tongue terminal to the building grounding point wire. We recommend using a green-yellow AWG#18 wire, crimped with a proper hand-tool.
2. Insert the M3x6 screw through the toothed lock washers and the tongue terminal in the order shown above.
3. Insert the M3x6 screw (through the two toothed lock washers and ring tongue terminal) into the grounding screw hole and tighten the screw.



WP-301xl Wall Plate Installation Instructions

For the latest information on our products and a list of Kramer distributors, visit our Web site at <http://www.kramerelectronics.com>



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