

MSM317 Access Device Installation Guide

This guide describes how to physically install the MSM317 in an electrical outlet box and make all necessary power and network connections. This guide assumes that before installing the MSM317, all configuration issues have been addressed as described in the *MSM317 Access Device Installation and Getting Started Guide* available at: www.procurve.com/customer-care/support/manuals/index.htm.

The MSM317 Access Device is a wireless/wired end-point solution with an integrated four-port (plus uplink) managed Ethernet switch that can be installed in a standard NEMA-WD6 (US) or BS 4662 (International) electrical outlet box.

It provides a complete connectivity solution for hospitality or multiple dwelling unit applications, supporting a variety of IP-based in-room applications over a single wire.



**NEMA-WD6 Version
(J9422A)**



**BS 4662 Version
(J9423A)**

Package contents

- MSM317 body
- Two faceplates (NEMA-WD6 and BS 4662)
- Two trim panels (NEMA-WD6 and BS 4662)
- Two mounting screws
- This guide

Professional installation required

Professional installation of the MSM317 is required for proper RF operation and compliance. Please consult with a professional installer who is trained in RF installation and knowledgeable about local regulations (including building and wiring codes) to ensure that the MSM317 is operating in accordance with channel, power, indoor/outdoor restrictions and license requirements for the intended country of operation.

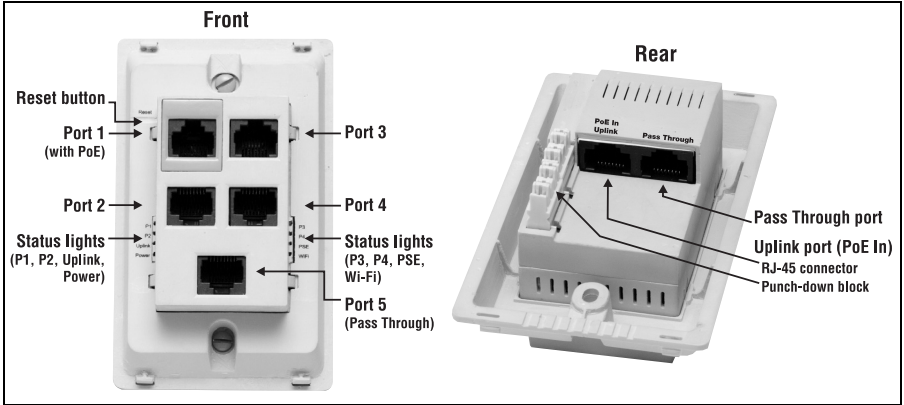
Safety information

Take note of the following safety information during installation of the MSM317:

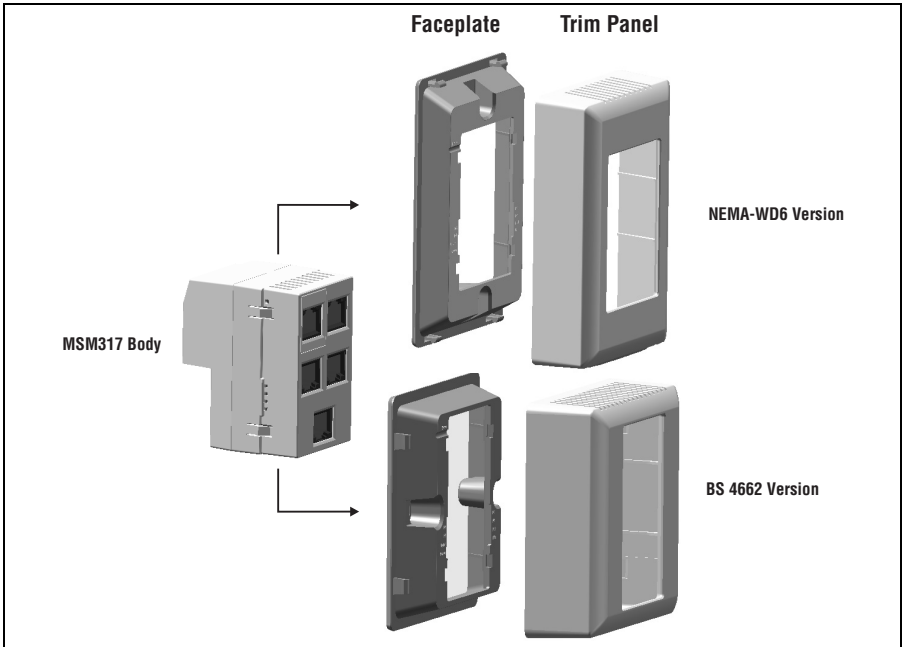
- If your network covers an area served by more than one power distribution system, be sure all safety grounds are securely interconnected.
- Network cables may occasionally be subject to hazardous transient voltages (caused by lightning or disturbances in the electrical power grid).
- Handle exposed metal components of the network with caution.
- This product does not have a power switch. It is powered-on when the Uplink port is plugged into a PoE power source.

- This product and all interconnected equipment must be installed indoors within the same building, including all associated network connections as described by *Environment A* of the *IEEE 802.3af standard*.
- It is normal for the rear metal cover of the MSM317 to get hot during operation. The cover is a heat sink and is used to dissipate the heat generated by the MSM317.

MSM317 connectors and status lights



MSM317 components



Installation procedure

A. Attach the faceplate

Place the appropriate faceplate (NEMA-WD6 for US or BS 4662 for international) over the front of the MSM317 body and press firmly to snap it into place.

B. Prepare the electrical outlet box

The MSM317 requires a single-gang electrical outlet box mounted in a wall cavity. The US version requires a box conforming to NEMA-WD6, with a minimum depth of 1.4 inches. The International version requires a box conforming to BS 4662, with a minimum depth of 35mm.

1. Install an appropriate electrical outlet box. Or if using an existing electrical outlet box, disconnect and remove any existing equipment.
2. Run the required cables through the bottom of the electrical outlet box allowing sufficient slack for the cables to reach the not-yet installed MSM317.

C. Connect the cables

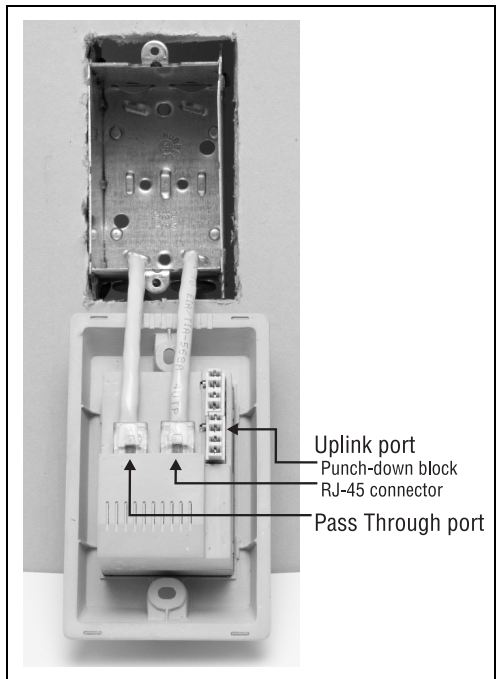
1. Connect an Ethernet cable to the Uplink port either via the RJ-45 connector or the Punch-down block. **Do not connect to both.** (See *Punch-down block wiring on page 4* for wiring details.)
2. If required, connect the cable providing support for pass-through devices to the **Pass Through port**.

D. Mount the MSM317

1. Attach the MSM317 to the electrical outlet box using the supplied mounting screws.
2. Place the appropriate trim panel (US or International) over the front of the MSM317 body and press firmly to snap it into place.

E. Configure the MSM317

For details, see the *MSM317 Access Device Installation and Getting Started Guide*.



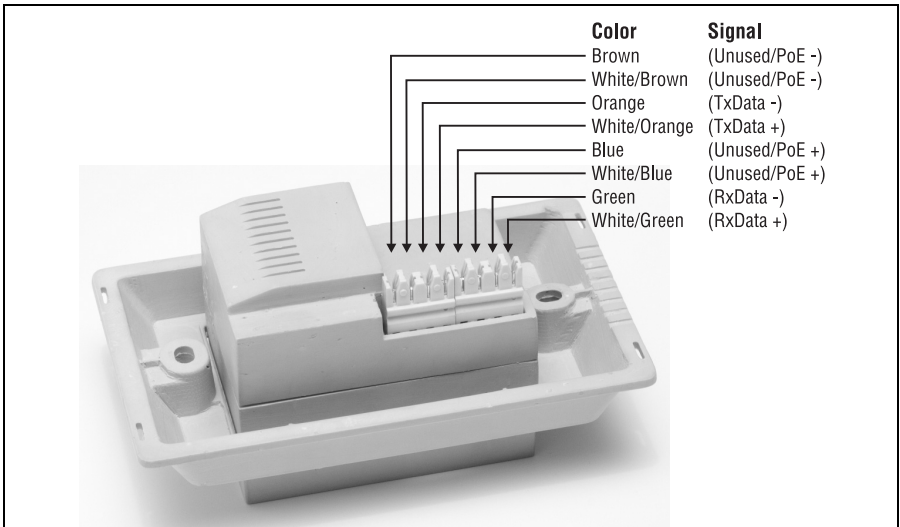
Faceplate and trim panel removal

To remove the faceplate, slightly push in two tabs on one side of the MSM317 body with a small screwdriver. To remove the trim panel, pry off the trim panel with a small flat screwdriver.



Punch-down block wiring

When terminating a cable run with the Punch-down block, always use solid conductor cables. Stranded cables may not make good connections. To ensure good connections, install cables into the individual Punch-down connectors using a 110-style tool.



CAUTION: Do not connect both the Punch-down block and the Uplink port to a network. Only one connection can be used at a time.

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Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA

Radiation Exposure Statement:

This equipment complies with FCC / IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **20cm** between the radiator & your body.

This Class [B] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

The Zurich product shall provide an 802.11b/g radio configured as an AP.