

Overview

AMX VARIA-150 (AMX-UTP1511) & VARIA-150N (AMX-UTP1511N) are 15.6" professional-grade touch panels designed to adapt to the unique needs of your environment by offering a selection of personas. Varia personas are pre-loaded apps that define the entire panel experience.

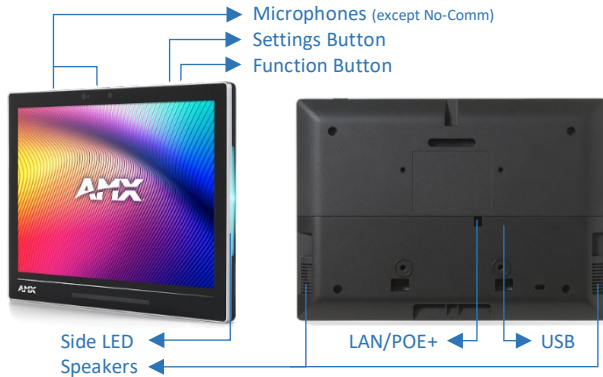


FIG. 1 AMX VARIA-150 Touch Panel

Product Specifications

VARIA-150 SPECIFICATIONS	
Dimensions (HWD)	TBD
Weight	TBD
Power Consumption	PoE, 802.3at, 30 watt
External Power Supply Required	Optimal performance requires use of the following AMX PoE power supply (not included): <ul style="list-style-type: none"> PS-POE-AT-TC, PoE Injector, 802.3at Compliant (FG423-84)
Certifications & Compliance	<ul style="list-style-type: none"> UL CE CB FCC Class B (-5dB)
Environmental	Operating Temperature <ul style="list-style-type: none"> 0°C - 40° C (32°F – 104°F) 5% - 85% Humidity Storage Temperature <ul style="list-style-type: none"> -20°C – 60° C (4°F – 140°F) 5% - 90% Humidity
Included Accessories	<ul style="list-style-type: none"> Mounting Plate Adhesive Pad Adhesive decal for backside of glass Set Screw Rear Cover Screws Installation Template

VARIA-150 Installation

Varia can be surface-mounted onto a wall, glass or other smooth surface, or connect to any number of popular VESA mounts with the included mounting bracket & hardware.

The VARIA-150 converts to a tabletop touch panel when used in conjunction with a tabletop stand accessory (sold separately).

TABLETOP STAND ACCESSORIES	
VARIA-ACS-150A (AMX-UMT-1511)	AMX Varia Angle-Select Tabletop Stand for VARIA-150 & VARIA-150N

Power Over Ethernet

Power is supplied via Power Over Ethernet Plus (PoE+), utilizing an AMX certified PoE injector such as the PS-POE-AT-TC (FG423-84) or compatible network switch which is classified as ES1 and PS2 output in accordance with IEC/EN/UL 62368-1. Connect the Ethernet cable to the RJ-45 port on the VARIA-150.

Mounting Plate

The included mounting plate contains a 100x100 VESA hole pattern, set screw, and dedicated area for the included adhesive pad.

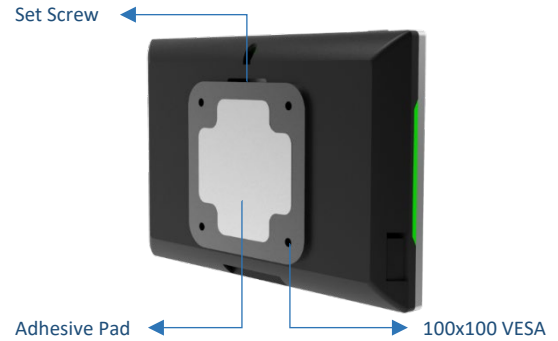


FIG. 2 Mounting Plate

STEP 1: Installation Prerequisites

Prior to touch panel installation, identify a proper installation surface in accordance with local laws and building codes. Ensure that your category cable (networking cable) has access to the location.

STEP 2: Install the Mounting Plate

If installing on wall, mark your surface using the included installation template for the four (4) VESA holes and one (1) desired cable pass-thru location. Drill holes as required and screw the mounting bracket onto the surface, using appropriate hardware for the surface (ie. drywall, concrete, brick, etc.). Make sure to orient the mounting bracket with the set screw on TOP and the two mounting tabs on the BOTTOM.

Note: Screws with large heads (eg. some pan head screws) will protrude out of the mounting plate recess and interfere with the touch panel. Use screws with flat or low profile heads.

If installing on glass or other smooth surface using the adhesive pad, first clean & dry all surfaces completely.

- Apply the adhesive pad to the mounting bracket, only exposing one adhesive side of the pad.
- Apply pressure to the pad, ensuring the bracket surface is completely in contact with the pad.
- Adhere the mounting bracket to the surface with the set screw hole facing UP and the two tabs on the BOTTOM. Make sure it is a secure fit, but do not apply too much pressure as glass may break.

To achieve ultimate bond strength of the adhesive pad, the mounting bracket must be allowed to set for 72 hours, before mounting the panel to the bracket.

Caution: Do not hang anything on the panel when it is mounted to a wall, glass, and other smooth surfaces.

The included backside decal can be used to hide the adhesive & mounting plate from view, on the other side of the glass. Carefully align the decal, then adhere the decal to the other side of the glass (opposite the mounting bracket).

STEP 3: Route Category Cable

Remove the touch panel's lower rear cover by removing two (2) screws (if installed). Place your thumbs on the rectangular access holes, and push the lower cover away from you.

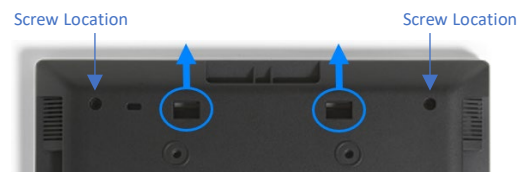


FIG. 3 Lower Cover Holes

Plug in the networking cable and route it out one (1) of the three (3) available openings in the lower cover: left, right, or bottom. Once fully seated, reattach the lower rear cover.

STEP 4: Mount the Panel to Plate

Matching up the two tabs, attach the panel to the mounting bracket, BOTTOM first. Make sure the tabs are fully engaged. Then align the panel upright to line up the set screw.

STEP 5: Set Screw

Insert & tighten the set screw to secure the panel to the mounting bracket. A magnetic pickup tool is recommended to place the set screw into its hole.

Caution: This product is only suitable for installations less than or equal to 2m (6.56ft) high for CE/UL safety.

Removing

To remove the panel, follow the installation directions in reverse.

Powering On & Panel Setup Wizard

Powering on for the first time (or after a factory reset) will launch a setup wizard where device settings and the panel's persona are selected. After being selected, the panel will boot to that persona on each subsequent power cycle or reboot.

1. Select your language
2. Select your time zone, date, & time
3. Set up your network
4. Select your panel's persona:
 - **AMX G5 Control:** AMX NetLinX control panel, utilizing a TP5 file created using TPDesign5 software.
 - **AMX Book:** Intuitive room scheduling, connecting to Microsoft Exchange, O365, or Google Calendar.
 - **Zoom Rooms Controller:** Zoom's native ZRC app UI to control a Zoom Rooms space
 - **Web Kiosk:** a full-screen borderless HTML5 interface to display web content via URL.

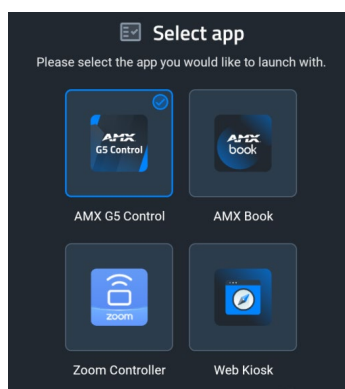


FIG. 4 Select App page in the Setup Wizard

The persona can be changed at any time in the Advanced Settings menu.

Each selection requires its own setup. After confirming your app selection, the panel will continue to step through setup for the selected persona. Full step-by-step walkthroughs can be found in the **AMX Varia Programming & Configuration Guide** available on AMX.com.



AMX Varia Programming & Configuration Guide:

https://www.amx.com/en-US/site_elements/configuration-programming-manual-varia-touch-panels

Function Button

The touch panel has a flush button on the top of the bezel, on the right side.

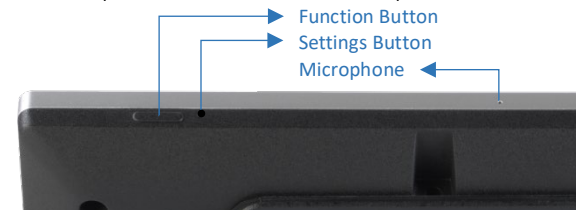


FIG. 5 Panel Button Locations

The Function Button serves multiple purposes:

1. A quick press & release will turn the panel's display on & off (ie. sleep & wake).
2. A press & hold for 4 seconds will return to the primary persona. This is useful if another app had been loaded on top of the panel's primary persona app.
3. If the panel is shut down, pressing the Function button will boot up the panel.
4. If the Function button is pressed & held during the boot process, the panel will launch into Safe Mode.

Settings Button

The touch panel has a pin-hole button which serves two purposes:

1. A quick press & release will open Panel Settings
2. A press & hold for 4 seconds will reboot the panel

A SIM card ejector tool is recommended to press the pin-hole button.

The default protected password to access Panel Settings is **1988**.

NOTE: Do not confuse the Settings button (pin-hole button) with any of the microphone or sensor holes. The Settings button is the **larger hole located closest to the Function Button**. Irreparable damage may occur if a foreign object is pushed down the microphone hole or into one of the sensors.

Light Sensor & Proximity Sensor

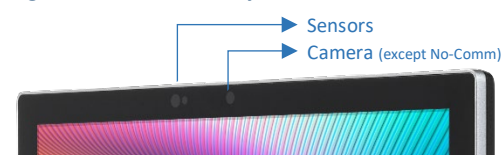


FIG. 6 Panel Camera & Sensor Locations

The ambient light sensor can automatically adjust panel brightness based on the environment. See *Display Settings* to enable automatic brightness.

The laser proximity sensor will detect nearby motion to wake the panel up without requiring a touch.



NFC

When using NFC, use the included decal to indicate the location of the sensor. Note: No-Comm panels do not have NFC.



FIG. 7 NFC Sensor Location & Decal Placement



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