

MSRP

NXD-435P

4.3" Modero® Wall/Flush Mount Touch Panel

\$995 White NXD-435P-WH (FG2262-15)
 \$995 Black NXD-435P-BL (FG2262-14)



OVERVIEW

The NXD-435P portrait configuration touch panel allows for Modero Touch Panel functionality in a vertical form factor, perfect for keypad replacement in a room or schedule display outside of a room. Users can quickly execute a function or command using the stylish capacitive touch buttons along the side of the Touch Panel.

COMMON APPLICATION

The Modero 4.3" Portrait Touch Panel in a vertical form factor is perfect for searching through cover art or being used to display a schedule outside of a room. It can be used for a variety of cost-sensitive applications where touch panel control offers many more control/automation possibilities than a similarly priced keypad or remote: locations such as entryways, bedrooms, bathrooms, kitchens, podiums and other surface mount locations.

FEATURES

- Portrait mode 4.3" display with touch
- Screen resolution (HV) 272x480 pixels
- Available in a high-gloss and textured matte combination finish in your choice of black or white
- Power over Ethernet (PoE)
- 128 MB Standard memory/256 MB Flash memory
- 5 capacitive-touch external buttons
- Ultra-thin 2" depth for versatile installation options
- Locking tabs for quick and easy installation
- Translucent backbox
- Supports AMX Resource Management Suite

ONLINE www.amx.com/products/NXD-435P.asp

272 x 480
portrait

Resolution • Aspect Ratio



HELPFUL HINT

The NXD-435P can be installed into any solid surface environment, using either solid surface screws or the included locking tabs for different mounting options.

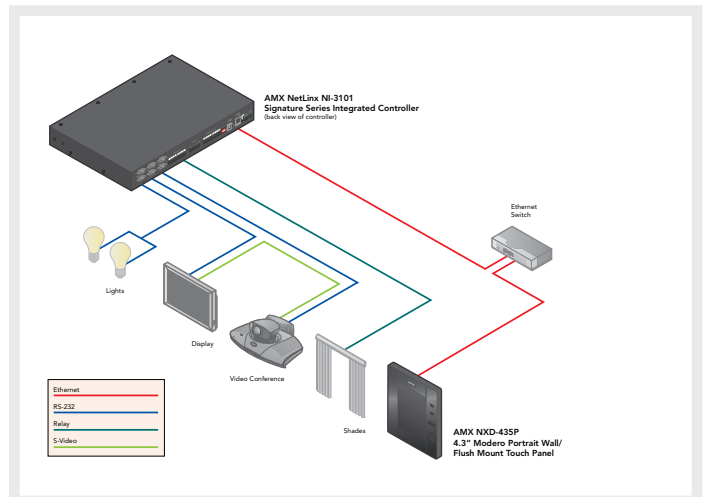
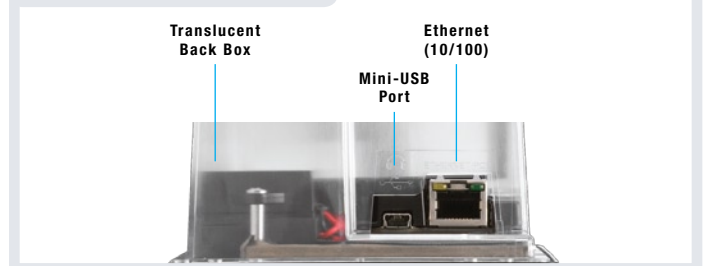


TRAINING AVAILABLE

For important installation, configuration and programming techniques, AMX University training is available. Just visit www.amx.com/products/NXD-435P.asp and click on the "Training" tab.



A CLOSER LOOK



All On **105 kWh** ANNUAL ENERGY CONSUMPTION
 Average Usage **or 13 kWh** ANNUAL ENERGY CONSUMPTION
 Sleep Mode **+ 21 kWh** ANNUAL ENERGY CONSUMPTION
 Estimated Usage **= 34 kWh** ANNUAL ENERGY CONSUMPTION

AMX Energy Savings
67%
 ANNUAL ENERGY SAVINGS USING RMS & SMART PROGRAMMING

SPECIFICATIONS

DIMENSIONS (HWD)

- NXD-435P: 4 1/8" x 5 1/2" x 2 1/8" (10.5 cm x 14 cm x 5.4 cm)
- CB-TP5 Rough-In/Wallbox (optional): 4 1/4" x 5 1/8" x 3 3/8" (10.9 cm x 13.1 cm x 8.6 cm)

WEIGHT

10.4 oz (290 g)

POWER REQUIREMENTS

- PoE Powered - No local Power Supply needed
- Max power draw: 5.5W

PANEL LCD PARAMETERS

- Aspect ratio: 16 x 9
- Minimum brightness (luminance): 280 cd/m2
- Channel transparency: 8-bit Alpha blending
- Contrast ratio: 250:1
- Display colors: 256 thousand colors (18-bit color depth)
- Dot/pixel pitch: 0.14 mm
- Panel type: WQVGA
- Screen resolution: 272 x 480 pixels (HV) @ 60 Hz frame frequency
- Viewing dimensions: 2.58" x 4.3" (65.2 mm x 109.2 mm)
- Active Screen Area: 2.55" x 4.25" (6.48 cm x 10.80 cm)

VIEWING ANGLE

Left/Right /Up/Down: 80/60/80/80

IR RECEPTION ANGLE

- Vertical: + 25° (left and right from center)
- Horizontal: + 15° (up and down from center)

FRONT PANEL COMPONENTS

- Center Button: Capacitive touch button provides both access to the Setup and Calibration pages and toggles the panel between a "sleep" or "wake" state. This button is also user-programmable.
- Capacitive Touch Buttons: four user-programmable buttons, two on either side of the Center Button

SIDE PANEL CONNECTORS

- Ethernet 10/100 Port: RJ-45 port for 10/100 Mbps communication. The Ethernet port automatically negotiates the connection speed (10 Mbps or 100 Mbps), and whether to use half duplex or full duplex mode. Power is supplied through Power Over Internet (PoE). NXD-435P panels communicate with the NetLinx Master using the ICSP protocol over Ethernet. LEDs show communication activity, connections, speeds, and mode information:
 - L/A-link/activity - Yellow LED lights On when the Ethernet cables are connected and terminated correctly and then blinks when receiving Ethernet data packets.
 - SPD-speed - Green LED lights On when the connection speed is 100 Mbps and turns Off when the speed is 10 Mbps.

Mini-USB Connector: 5-pin Mini-USB connector used for programming, firmware update, and touch panel file transfer between the PC and the target panel.

MEMORY (FACTORY DEFAULT)

- 128 MB SDRAM
- 256 MB integrated Flash Memory (not upgradeable - factory programmed)

CERTIFICATIONS

FCC Part 15 Class B, CE, IEC 60950, RoHS Panel

ENVIRONMENTAL

- Operating Temperature: 0° C (32° F) to 40° C (104° F)
- Operating Humidity: 5% to 85% relative humidity (non-condensing)
- Storage Temperature: -20° C (-4° F) to 60° C (140° F)
- Storage Humidity: 5% to 85% RH

INCLUDED ACCESSORIES

NXD-435P Installation Guide (93-2261-02)

RECOMMENDED ACCESSORIES

| RECOMMENDED ACCESSORIES | DESCRIPTION | PART # | ONLINE | PAGE # |
|-------------------------|---|-------------|--|-------------|
| CB-TP5i | Rough-in/Wallbox for NXD-435 | (FG038-11) | www.amx.com/products/CB-TP5i.asp | 76 CATALOG |
| CB-TP5ib | Back Cover for the CB-TP5i Wallbox | (FG038-12) | www.amx.com/products/CB-TP5ib.asp | 76 CATALOG |
| PS-POE-AF | PoE Injector | (FG423-80) | www.amx.com/products/PS-POE-AF.asp | 240 CATALOG |
| CC-USB | Type-A to Mini-B 5-wire programming cable | (FG10-5965) | www.amx.com/products/CC-USB.asp | 96 CATALOG |
| NXA-RK5 | Rack Mount Kit for 5" Wall Mount panels | (FG2904-55) | www.amx.com/products/NXA-RK5.asp | 79 CATALOG |