

# Modero® Touch Panels

## 7" Modero Wall/Flush Mount Widescreen Touch Panel

Featuring Intercom with VoIP



The popular Modero Widescreen is available in a compact 7" model that includes a high-quality VoIP digital intercom for broadcast and panel to panel messaging. For applications that require the extra on-screen real estate but call for a smaller, sleeker panel size, the 7" Modero Widescreen is the perfect fit.

### DIGITAL INTERCOM BUILT IN

Integrated digital intercom featuring VoIP technology gives users the ability to create a high-quality intercom network with no additional equipment required. Calls sound incredibly clear and an unlimited number of intercom calls can occur simultaneously.

### NO BOUNDARIES

The 7" Modero Widescreen provides more than enough space to watch multiple windows and to control a variety of audio/video equipment. Several configuration options are available including optional 802.11g wireless capability and the choice of two hard buttons or no-buttons bezel.

- 7" active-matrix display with 16:9 Aspect Ratio
- Screen Resolution (HV): 800 x 480 pixels / Display colors: 262 K (18-bit color depth)
- Anti-glare overlay, motion sensor and light sensor
- Intercom with VoIP technology featuring built-in speaker and microphone
- Enhanced G.711 telephone-voice-quality sound (75dB SPL @ 1 meter)
- Two bezels included: with and without tactile buttons



## NXD-700Vi (FG2258-04K)

### DIMENSIONS (HWD)

5 3/8" x 7 1/8" x 2 7/8" (13.5 cm x 18 cm x 7.2 cm)

### POWER

- Constant current draw: 1.1 A @ 12 VDC
- Startup current draw: 1.6 A @ 12 VDC

### WEIGHT

4.12 lbs (1.87 kg)

### MINIMUM POWER SUPPLY REQUIRED

PSN.2.8 Power Supply (FG423-17)

### CERTIFICATIONS

- FCC Part 15 Class B and CE
- IEC60950

### MEMORY

- 64 MB SDRAM
- 128 MB Compact Flash (upgradeable to 1 GB) – factory programmed

### PANEL LCD PARAMETERS

- Aspect ratio: 16 x 9
- Brightness (luminance): 350 cd/m<sup>2</sup>
- Channel transparency: 8-bit Alpha blending
- Contrast ratio: 200:1
- Display colors: 256 thousand colors (18-bit color depth)
- Dot/pixel pitch: 0.19 mm
- Panel type: TFT Color Active-Matrix
- Screen Resolution: 800 x 480 pixels (HV) @ 60 Hz frame frequency
- Video format: NTSC, PAL, and SECAM

### VIEWING ANGLE

- 100° total viewing angle
- Vertical: + 50° (up from center) and -50° (down from center)

### IR RECEPTION ANGLE

- Horizontal: + 50° (left and right from center)
- Vertical: + 30° (up and down from center)

### FRONT PANEL

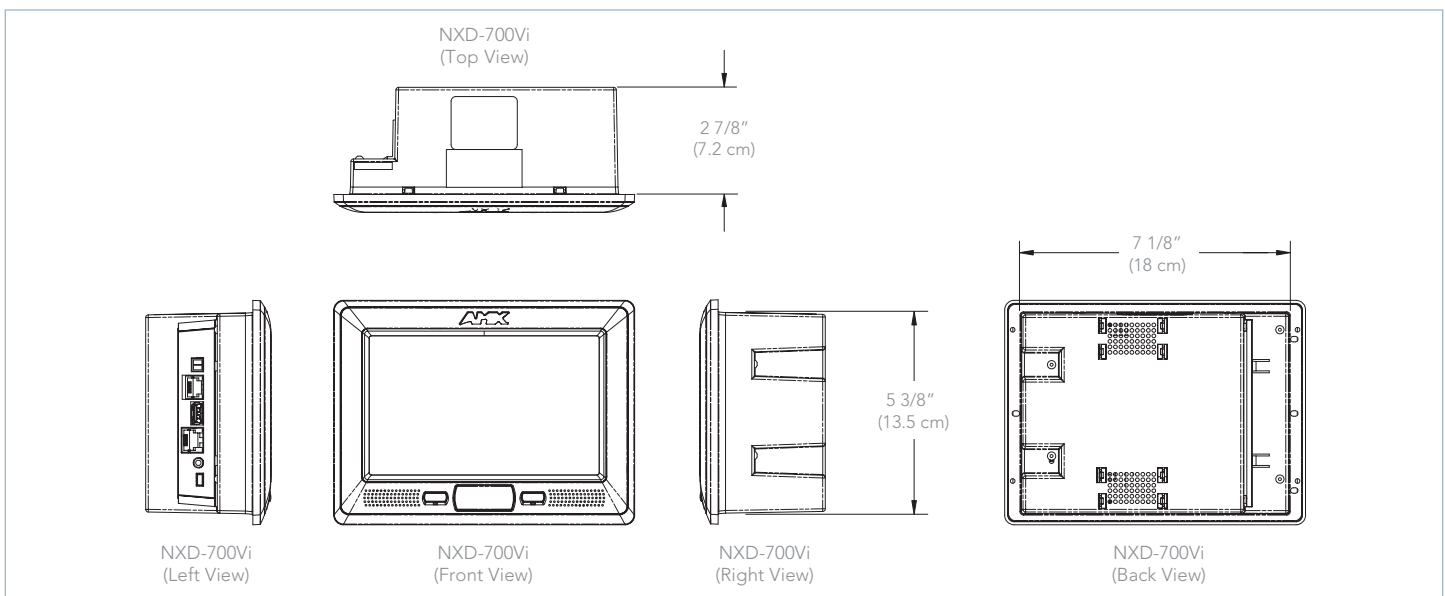
- Light Sensor: Photosensitive light detector for automatic adjustment of the panel brightness
- Motion Sensor (PIR): Proximity Infrared Detector to wake the panel when panel is approached
- IR Receiver: 38 KHz and 455 KHz AMX IR frequencies

### OPERATING/STORAGE ENVIRONMENTS

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

### INCLUDED ACCESSORIES

- Installation Kit for NXD-700Vi panels (KA2258-02):
  - 2-pin 3.5 mm mini-Phoenix connector (41-5025)
  - Two Phillips-head screws (#4-40 x 0.250 Black) (80-0112)
  - Three Drywall clips (62-5924-05) and #6 - sheet metal screws (80-0192)
- NXA-AVB/ETHERNET Breakout Box (FG2254-10)
  - Provides video/audio distribution to the A/V panel over CAT5 cable (up to 200'/60.96 m) and accepts either Composite or S-Video
- Trim Ring with button openings (60-2258-16)
- Trim Ring without button openings (60-2258-21)



IT'S YOUR WORLD. TAKE CONTROL.