

17" modero® multimedia widescreen touch panel



The 17" Modero VG Series Widescreen – available in Table Top and Wall/Flush Mount versions – represents the ultimate multimedia touch panel solution.

AMX's Modero VG Series Widescreen Touch Panel features include:

- Analog audio and composite video
- RGB or component input
- Streaming MPEG-2 video and audio
- Network video – MJPEG
- Wired Ethernet 10/100
- Wireless Ethernet 802.11g
- VNC via AMX-exclusive Computer Control application

ALL-INCLUSIVE DESIGN

The industry's first 16x9 aspect ratio touch panel, the 17" Modero VG Series Widescreen offers more than enough room to effectively manage commercial and residential systems from a single user interface. Video, Internet access, camera windows and control icons can be positioned as desired, anywhere on screen. Navigate buttons or activate multiple functions simultaneously. Experience instant access to connected devices and save valuable time.



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NXT-1700VG & NXD-1700VG (FG2257-61)/(FG2256-61)

DIMENSIONS (HWD)

- NXD-1700VG (with faceplate): 14.44" x 18.09" x 3.31" (36.68 cm x 45.95 cm x 8.41 cm)
- NXT-1700VG (Fully raised): 13.29" x 17.84" x 12.44" (35.31 cm x 45.31 cm x 31.60 cm)
- NXT-1700VG (Fully lowered): 6.23" x 17.84" x 12.44" (15.82 cm x 45.31 cm x 31.60 cm)
- CB-TP17 (conduit/wallbox): 13.55" x 17.07" x 3.49" (34.43 cm x 43.38 cm x 8.85 cm)
- MB-TP17 (VESA mounting box): 14.44" x 18.09" x 3.48" (36.68 cm x 45.95 cm x 8.84 cm)

POWER

- 17" Modero panels (full draw): 4.5 A @ 12 VDC (stand-alone)

MEMORY

- 256 MB on-board memory
- 128 MB Compact Flash

(upgradable to 1 GB factory programmed)

WEIGHT

- NXD-1700VG: 18.20 lbs (8.26 kg)
- NXT-1700VG: 22.00 lbs (9.98 kg)

LCD PARAMETERS

- Aspect Ratio: 16 x 9
- Brightness: 450 cd/m²
- Channel transparency: 8-bit Alpha channel transparency
- Contrast ratio: 600:1
- Display colors: 16 million colors (24-bit color depth)
- Dot/pixel pitch: 0.289 mm
- Screen resolution (HV): 1280 x 768 pixels
- Video formats: NTSC, PAL, and SECAM (shown within variable size video windows)
- Viewing angle (170° total viewing angle):

Horizontal: + 85° (left and right from center)

Vertical: + 85° (up and down from center)

Supported Audio Sample Rates

- 48000Hz, 44100Hz, 32000Hz, 24000Hz, 22050Hz, 16000Hz, 12000Hz, 11025Hz, and 8000Hz.

CERTIFICATIONS

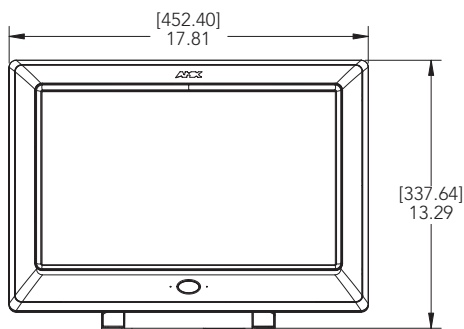
- FCC, CE, and EN60950

FRONT PANEL COMPONENTS

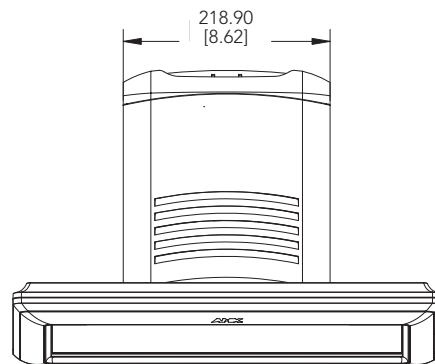
- Light Sensor: Photosensitive light detector for automatic adjustment of the panel brightness
- Motion Sensor (PIR): Proximity Infrared Detector to wake the panel when panel is approached
- Front Setup Access Button: Pushbutton (grey) used to either put the panel into a "sleep" or "wake" state
- Microphone: Used for intercom applications
- Speakers: Stereo output with a frequency response of 450 Hz - 7 KHz

REAR PANEL COMPONENTS

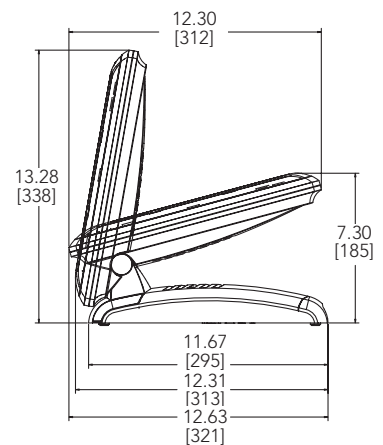
- RGB Connector: Made available only by using an NXA-RGB interface card installed within the touch panel. Used with Component/RGB signals
- Audio/Video Connector: RJ-45 connector for communication of differential audio/video signals
- Ethernet 10/100 Port: RJ-45 port for 10/100 Mbps communication
- PWR Connector: 2-pin 3.5 mm mini-Phoenix connector
- Stereo Output Connector: Stereo output through a 3.5mm mini-jack
- USB Connector: Two Type A USB ports
- Mini-USB Connector: 5-pin Mini-USB connector



NXT-1700VG (Front View)



NXT-1700VG (Top View)



NXT-1700VG (Right Side)



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OPERATING / STORAGE ENVIRONMENTS

- Operating Temperature: 10° C (50° F) to 40° C (104° F)
- Operating Humidity: 20% to 85% RH
- Storage Temperature: -20° C (-4° F) to 60° C (140° F)
- Storage Humidity: 5% to 85% RH

Included Accessories

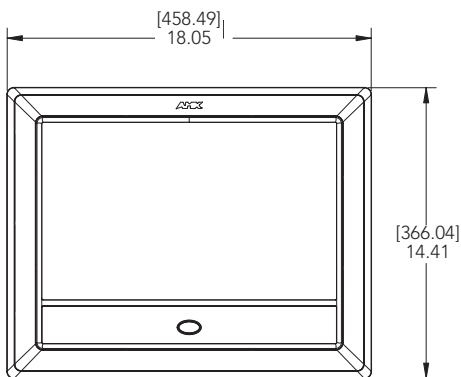
- Installation Kit for 12" and 17" NXD panels (KA2251-01):
 - 2-pin mini-Phoenix connector (41-5025)
 - Three Phillips-head screws (#4-20 x 0.250 Black) (80-0114-08)
 - One CAT5 Suppression Ferrites (04-0014)
 - Four Drywall clips (62-5924-05) and #6 -metal strips (80-0192)
- Installation Kit for 15" and 17" NXT panels (KA2251-04):
 - 2-pin mini-Phoenix connector (41-5025)
 - Three Phillips-head screws (#4-20 x 0.250 Black) (80-0114-08)
 - One CAT5 Suppression Ferrites (04-0014)
- Included within the RGB Kit (FGxxxx-xxRGB) is the following:
 - Modero VG Touch Panel (NXD/NXT-1200/1500/1700VG)
 - NXA-AVB/RGB Breakout Box (FG2254-11)
 - NXA-RGB internal RGB/VGA Interface Card (FG2260)
 - NXA-MTC/RGB Modero 10' foot Table Top Cable (with RGB connector) (CA2250-70)
 - TP4-RGBCBL BNC to RGB adapter cable (FG2275-30)
- Included within the Video Kit (FGxxxx-xV) is the following:
 - Modero VG Touch Panel (NXD/NXT-1200/1500/1700VG)
 - Modero 10' foot Table Top Cable (CA2250-50)
 - NXA-AVB/ETHERNET Breakout Box (FG2254-10)
- NXA-PCI80211G Wireless Card (FG2255-04) (included only on Table Top panels and optional with NXD models)
- All V-Series and VG-Series NXT Table Top panels come factory configured for wireless communication. These NXT panels are all factory installed with both the NXA-80211G wireless mini-PCI and 2 antennas. The NXD panels only require the card for wireless connectivity.

OPTIONAL ACCESSORIES

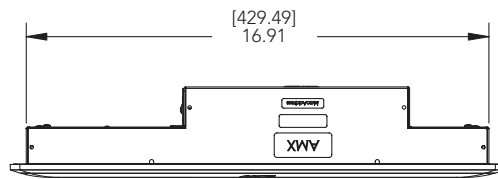
- CB-TP17 Conduit/Wallbox (FG034-10)
- CC-USB (Type A) to Mini-B 5-Wire programming cable (FG10-5965)
- Kensington Lock Kit (FG2259-10) (optional only with NXT models)
- MB-TP17 Universal VESA Mounting Box (FG033-50)
- NXA-AVB/ETHERNET Breakout Box (FG2254-10)
- NXA-AVB/RGB Breakout Box (FG2254-11)
- NXA-BASE/B (FG2255)
- NXA-MTC/RGB Modero 10' foot Table Top Cable (with RGB connector) (CA2250-70). This cable is not wall-rated for NXD models.
- NXA-RGBKIT RGB upgrade kit for Composite Video touch panels (FG2255-11):
 - NXA-AVB/RGB Breakout Box (FG2254-11)
 - NXA-MTC/RGB Modero 10' foot Table Top Cable (with RGB connector) (CA2250-70)
 - NXA-RGB internal RGB/VGA Interface Card (FG2260)
 - TP4-RGBCBL BNC to RGB adapter cable (FG2275-30)
 - NXT Table Top replacement I/O plate (with RGB connector opening) (62-2250-59)
 - NXD WallMount replacement adhesive overlay for existing I/O plate (53-2250-03)

Note: The NXT replacement I/O plate is a single piece which is meant to be swapped-out with the pre-existing plate shipped with Composite Video panels. On NXD panels, the RGB connector opening is pre-drilled into the I/O plate but can only be accessed by replacing the adhesive cover and maintaining the existing overlay. When upgrading NXD panels with this kit, don't replace the NXD I/O plate, only the adhesive cover.

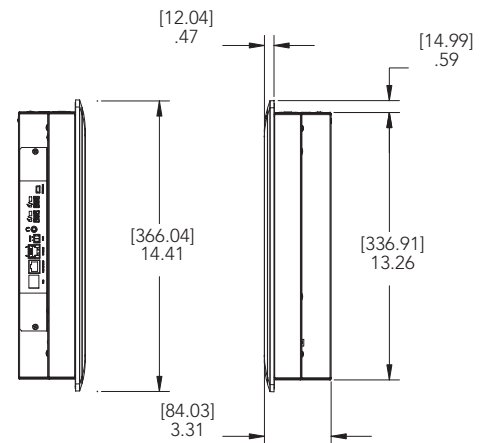
- NXA-PCI80211G Wireless Card (FG2255-04) (NXD models only)
- NXA-RK17 Rackmount kit for 17" Wall Mount panels (FG2904-52)
- NXT-BP (FG2250-10)
- NXT-CHG (FG2250-50)
- PSN6.5 Power Supply (12 VDC) (FG423-41)
- TP4-RGBCBL BNC to RGB adapter cable (FG2275-30)
- Upgrade Compact Flash (factory programmed with firmware):
 - NXA-CFTPV256M - 256 MB compact flash card (FG2116-43)
 - NXA-CFTPV512M - 512 MB compact flash card (FG2116-44)
 - NXA-CFTPV1G - 1 GB compact flash card (FG2116-45)



NXD-1700VG (Front View)



NXD-1700VG (Top View)



NXD-1700VG (Side Views)



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