Audio/Video Breakout Box with Composite, S-Video and Ethernet Pass Through

NXA-AVB/ETHERNET (FG2254-10)

Overview

The NXA-AVB/ETHERNET Breakout Box facilitates the installation and distribution of video, data, and audio to Modero® Touch Panels located up to 200 feet (60.96 m) from the AVB box. This unit accepts either Composite or S-Video from standard video devices. The NXA-AVB/ETHERNET also acts as a signal converter. It is designed to take normal wiring from the system and, in turn, translate the incoming audio/video data over Cat5 cable directly to the Modero Touch Panel.
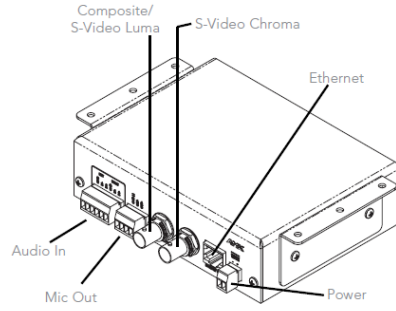
Features

- Accepts either Composite or S-Video (video-capable panels only)
- Provides audio distribution to the non-video touch panels over a Cat5 cable (up to 200 ft.)
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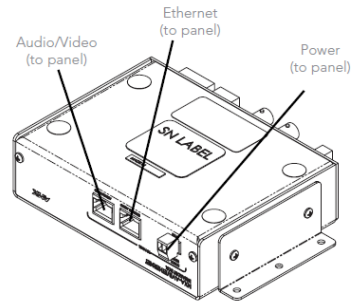
Specifications

GENERAL	
Dimensions (HWD)	1 1/2" x 5 1/2" x 4 7/8" (3.86 cm x 14.07 cm x 12.52 cm); Width when attached to mounting ears: 6.65" (16.86 cm)
Rack Units	1
Power Consumption	50mA (with audio/video input) 23mA (with no audio/video) Routed through AVB using a PSN power supply
Certifications	FCC Part 15 Class B, CE, EN60950, RoHS
Included Accessories	Two 2-pin Phoenix connectors (41-5025) One 4-pin Phoenix connector (41-5047) One 6-pin Phoenix connector (41-5063) One Rack Mount Kit (KA2250-40) with mounting bracket (62-2254-02)

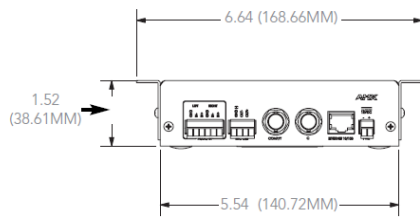| FRONT COMPONENTS	
Connections / Wiring	2-pin 3.5 mm Phoenix connector for power to the touch panel RJ-45 connector provides Ethernet signals to the touch panel RJ-45 connector provides differential audio and video signals to the touch panel (panel type dependent)
Status LED	1 Green LED shows power status

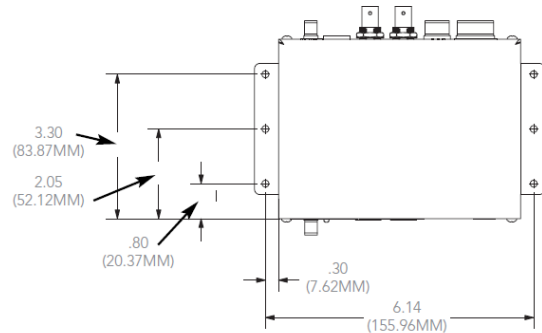| REAR COMPONENTS	
Connections / Wiring	6-pin 3.5 mm Phoenix connector for in-bound (left/right channel) audio 4-pin 3.5 mm Phoenix connector for out-bound (from microphone) audio BNC connector (female) for Composite or Chroma (for video-capable panels only) BNC connector (female) for luminance (for video-capable panels only) RJ-45 connector for Ethernet input from the control system 2-pin 3.5 mm Phoenix connector for in-bound power

Composite/
S-Video Luma — S-Video Chroma

Ethernet

Audio In

Mic Out — Power

**NXA-AVB/Ethernet
(Rear View)**

Ethernet
(to panel)
Audio/Video
(to panel)
Power
(to panel)

SN LABEL

**NXA-AVB/Ethernet
(Front View)**

6.64 (168.66MM)

1.52
(38.61MM)

5.54 (140.72MM)

**NXA-AVB/Ethernet
(Rear View)**

3.30
(83.87MM)

2.05
(52.12MM)

.80
(20.37MM)

.30
(7.62MM)

6.14
(155.96MM)

**NXA-AVB/Ethernet
(Top View)**