

AI-NVP-RA

Vandal Proof Sub Station for AI-900 System

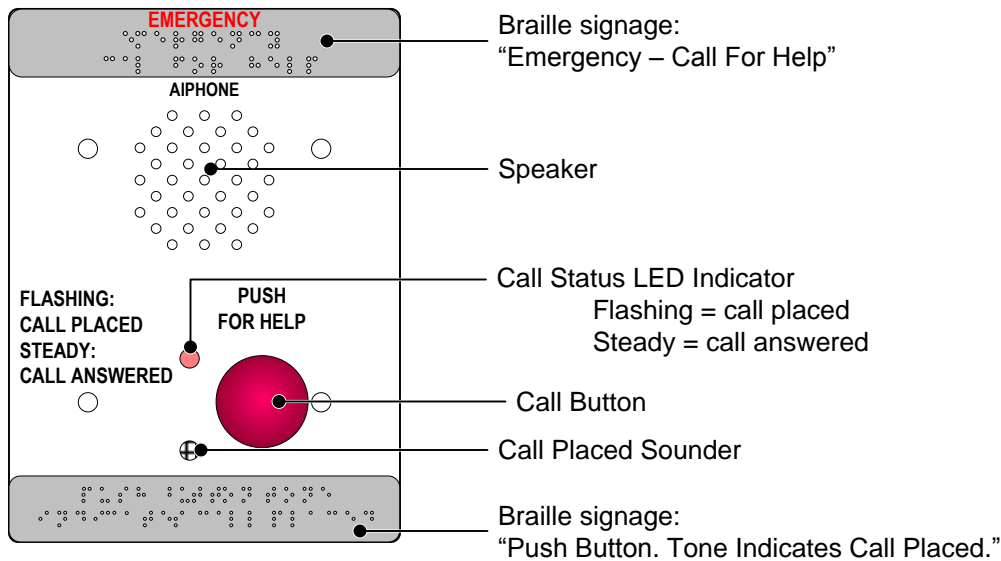
Optional surface mount box
SBX-NVP

ADA
Americans with
Disabilities Act

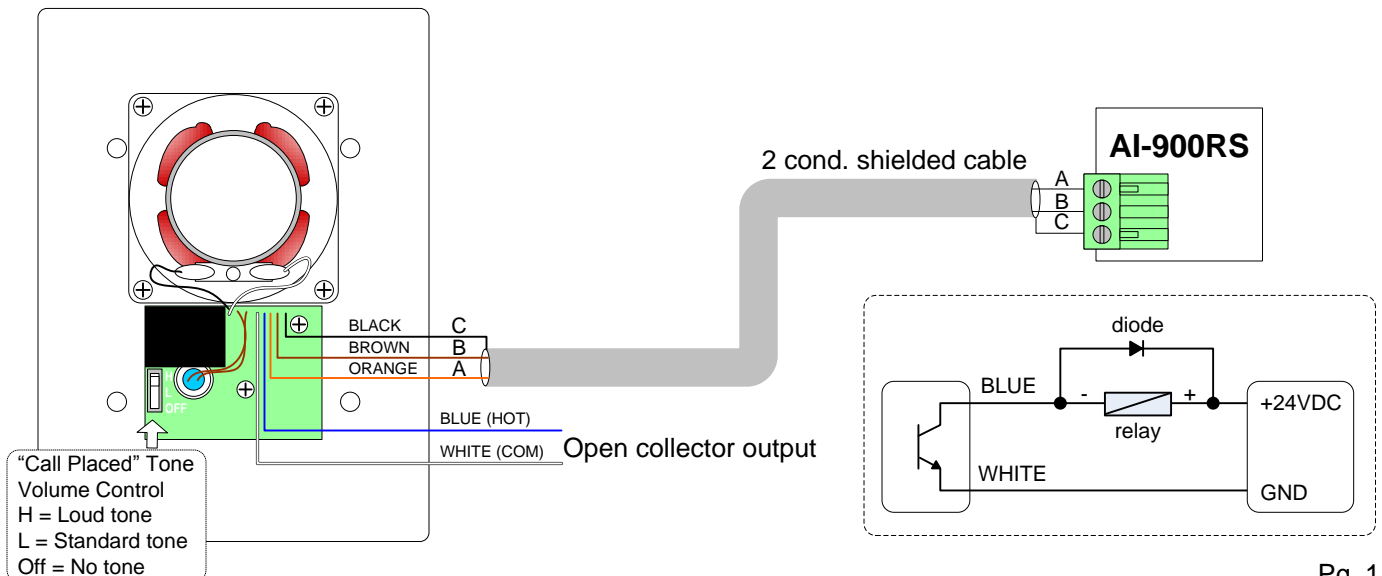
- INSTRUCTIONS -

The AI-NVP-RA sub station is vandal proof, and can be used with the AI-900 system. Designed for Rescue Assistance applications and ADA compliance, this unit features Emergency and Braille signage, a large red call button, and "Call Placed/Call Answered" LED indicator. A remote indicator can be added for better visibility of a station's status. The AI-NVP-RA can be flush mounted to a 3-gang box or mud ring, or surfaced mounted into the SBX-NVP surface mount box. Tamper proof screws are provided, along with a tool for installation.

NAMES & FUNCTIONS



WIRING DIAGRAM:



OPERATION:

1. When a sub station places a call, the "Call Placed/Call Answered" LED on the sub station will flash, and a repetitive tone will be heard.
2. When the call is answered, the "Call Placed/Call Answered" LED on the sub station changes states from flashing to steady. The repetitive tone stops.
3. When the master station terminates the call, the "Call Placed/Call Answered" LED will extinguish.
4. The open collector output will provide a closure when a call has been placed and remain closed until the call is terminated.

BRaille SIGNAGE:

The AI-NVP-RA is equipped with Braille signage for the visually impaired.

ON TOP OF UNIT:

EMERGENCY

"EMERGENCY - CALL FOR HELP"

ON BOTTOM OF UNIT:

"PUSH BUTTON. TONE INDICATES CALL PLACED."

Plating material is .012" aluminum with 5 letter spacing.

SPECIFICATIONS:

Power Source:	Supplied by Main Frame
Speaker:	20 ohms, 2-½" diameter, water proof and puncture resistant, 2.4 oz. ceramic magnet
Call Button:	Single pole, single throw (SPST), normally open (N/O)
Faceplate:	11 gauge carbon steel with powder-coated white baked epoxy finish
Call Annunciation:	Pressing call button at sub calls assigned AI-MS900 master station
Communication:	Hands free at sub. Master is push-to-talk or VOX handset.
Open Collector Output:	24V DC, 30mA
Mounting Hardware:	Tamper proof screws with T-10 Torx bit
Terminations:	Color-coded pre-wired pigtails
Wiring:	2-conductor, shielded wire is homerun to AI-900RS card, shield is used as 3 rd conductor Shielded wire is required. Use Aiphone series wire 822202, or 821802
Wiring Distance:	2,625' with 22 AWG; 4,265' with 18 AWG.
Dimensions (H x W x D):	AI-NVP-RA alone: 7-1/2" x 5-1/2" x 2". With SBX-NVP: 8-5/8" x 6-5/8" x 2-1/4"

NOTE:

Only information regarding the connection and operation of the AI-NVP-RA is shown here. Please refer to the AI-900 Installation and Operational literature for additional information on the AI-900 system.