

# NE-NVP-RA

## Vandal Proof Sub Station for NEM System

Optional surface mount box

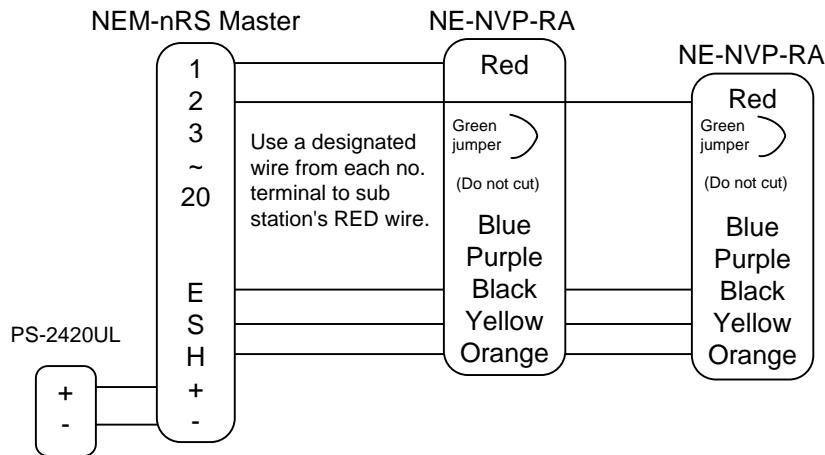
**SBX-NVP**

ADA  
Americans with  
Disabilities Act

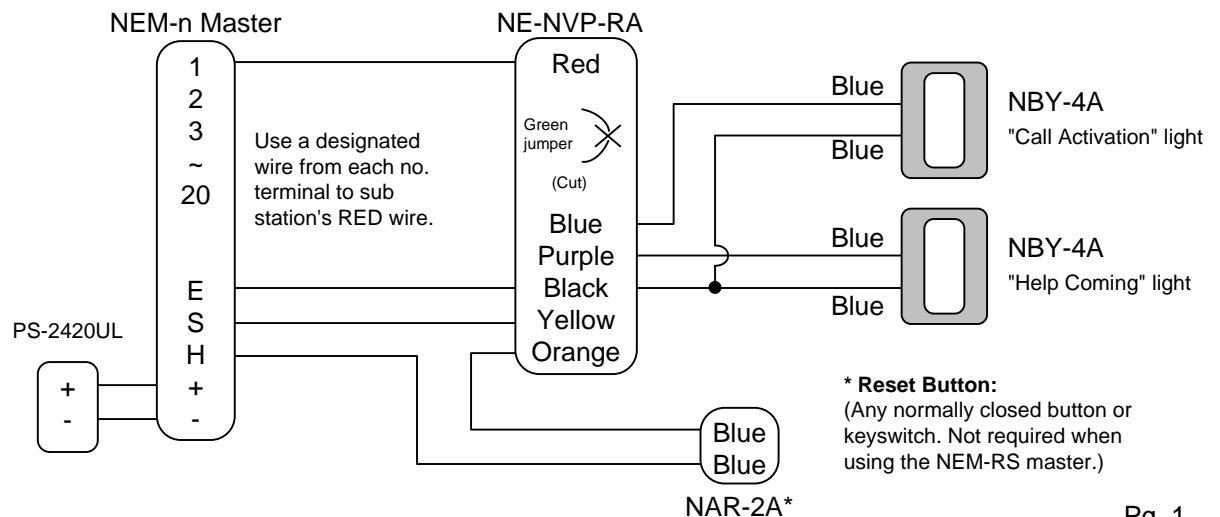
### - INSTRUCTIONS -

The NE-NVP-RA sub station is vandal proof, and can be used with the NEM or the NEM-RS systems. Designed for Rescue Assistance applications and ADA compliance, this unit features Emergency and Braille signage, a large red call button, and "Call Placed" and "Help Coming" LED indicators. Remote indicators can be added for better visibility of a station's status. A standard NEM master requires a manual reset button at each location, or the master station can be equipped with a reset button (NEM-nRS version). The NE-NVP-RA can be flush or surface mounted. Tamper proof screws are provided, along with a wrench for installation.

### WIRING DIAGRAM FOR SYSTEM WITH CALL RESET AT THE MASTER NEM-nRS Master Station Required



### WIRING DIAGRAM FOR SYSTEM WITH OVERHEAD LAMPS AND A RESET BUTTON. Standard NEM master used.



## OPERATION:

1. When a sub station places a call, the "Call Placed" (Red) LED on the sub station light.
2. When a call is answered, the red "Call Placed" LED on the sub turns off.  
The green "Help Coming" LED turns on.
3. When the master station's reset button is pressed or if a remote reset switch is activated, all of the call indicator lights will go off. **Note:** If using an Aiphone NEM-nRS master the reset switch must be pressed and held for at least 1 second to clear the calls.
4. If overhead lamps are installed in the system, they will light in the same way that the LED's light, as described above.

## BRILLE SIGNAGE:

The NE-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 master station   |
| Speaker:                | 20 ohms, 3" diameter, water proof and puncture resistant, 2.5 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 latches call at NEM master until answered  |
| Communication:          | Hands free at sub. Master is push-to-talk or VOX handset   |
| Mounting Hardware:      | Tamper proof screws  |
| Terminations:           | Color-coded prewired pigtails  |
| Wiring:                 | With remote reset switch: 4-conductor homerun from each sub, or 3 common wires plus 1 individual wire per sub station, looped.<br>With NEM-RS master: 4-conductor homerun from each sub, or 3 common wires plus 1 individual wire per sub station, looped.<br>Shielded wire is recommended.<br>Use Aiphone #822206 for homerun wiring, #822210 for up to 6 stations on each run, or #822220 for up to 17 stations on each run. |
| Wiring Distance:        | 420' with 22AWG; 1,000' with 18AWG.  |
| Dimensions (H x W x D): | NE-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"  |