

# LE-SS/A, LE-SSR

## Vandal Resistant Sub Stations for LEF, LEM, & IX (w/ IX-1AS) Systems

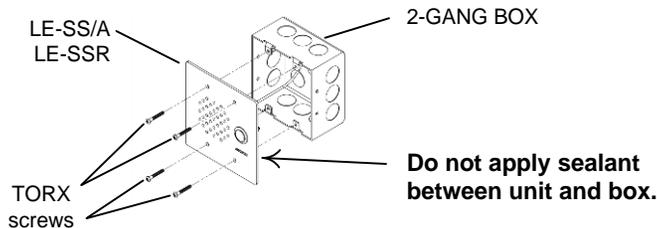
### - INSTRUCTIONS -

The LE-SS/A and LE-SSR are 2-gang stainless steel vandal proof and weather resistant sub stations designed for use with the systems listed above. They are constructed with 12 gauge stainless steel, and the LE-SSR features a red mushroom call button. The units either flush mount into a 2-gang box, or surface mount with the SBX-2G. Each unit includes tamper proof screws and a tool for installation.

### INSTALLATION

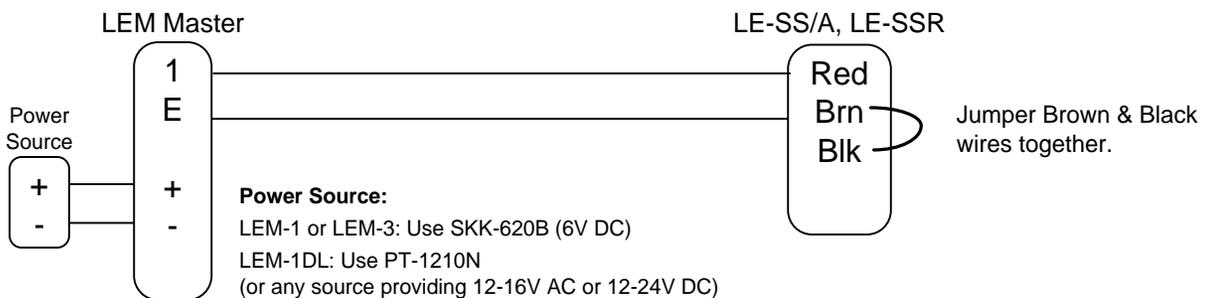
1. For flush mounting, install sub station in standard 2-gang electrical box with min. 2-1/2" depth.
2. For surface mounting, install sub station in the SBX-2G surface mount enclosure.
3. **IMPORTANT!** These units are designed for use in normal weather conditions and to allow drainage and evaporation of moisture that naturally gets into the unit. **Do not apply caulking or silicone sealant around the unit when installing, and do not use weather stripping around the perimeter of the box when mounting.** If sealing the unit is required, the bottom must remain unsealed. Sealing the unit will prevent or inhibit moisture from dissipating from inside the unit, which may cause corrosion or deterioration to the internal components over time.

#### MOUNTING:

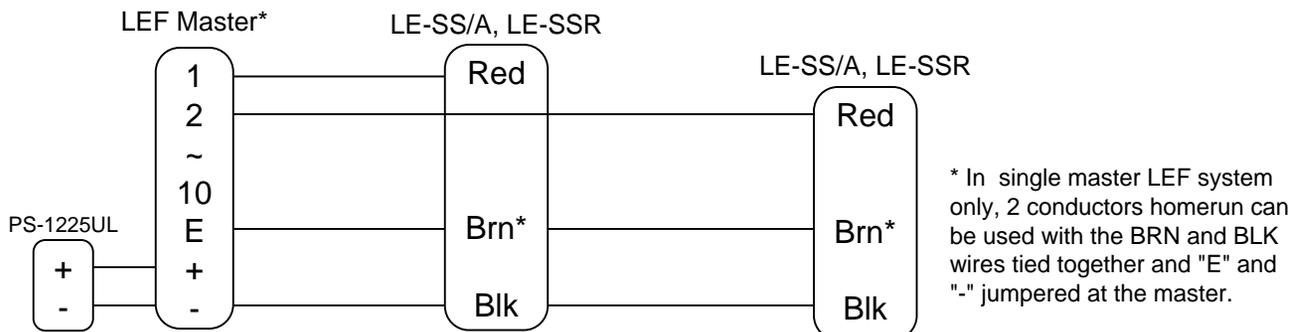


### WIRING DIAGRAMS

#### LEM SYSTEM



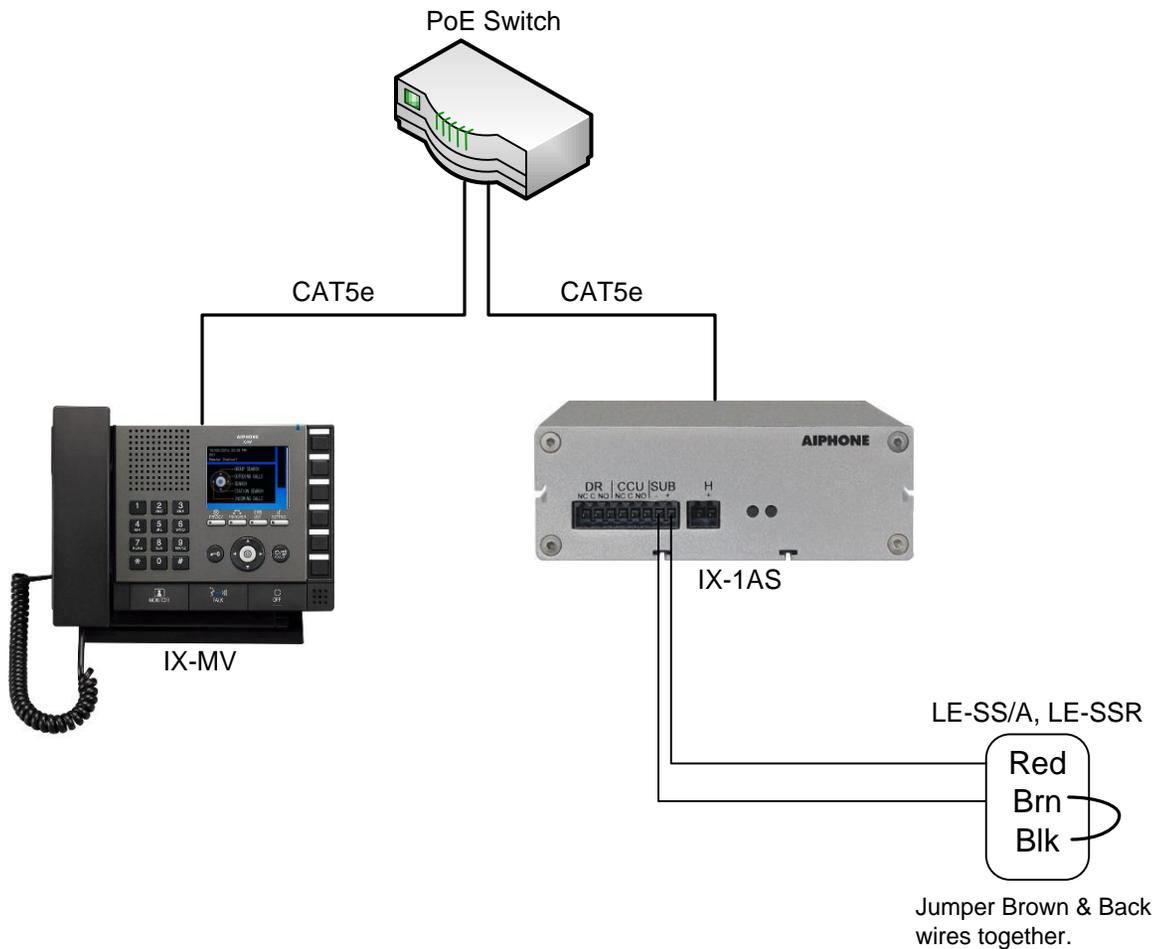
#### LEF SYSTEM



Ensure correct polarity is observed when wiring the sub station. If Brown and Black wire connections are reversed (Black wired to E and Brown wired to negative), the master station will not ring when the call button is pushed but communication will still work normally.

# WIRING DIAGRAMS

## IX-1AS



Intercom wiring must be run at least 20" away from any AC wiring, fluorescent lighting, dimmer switches, or any other electronic device that may cause interference.

### SPECIFICATIONS

Power Source:	Supplied by master station or IX-1AS
Speaker:	20 ohms, 4W, 2.5" diameter, water proof and puncture resistant, 2.4 oz. magnet
Call Button:	SPST call button. Call tone rings at LEM/LEF master as long as button is held down. Call tone rings at IX-MV based on program settings. LED will remain lit for approx. 20 seconds (LEF, LEM-3). Call tone only on LEM-1DL and LEM-1. LE-SS/A: Limited stop button. LE-SSR: Limited stop, red mushroom button
Communication:	Hands free at sub. Master is push-to-talk, release-to-listen (LEF, LEM, IX). VOX or Handset option on IX.
Faceplate:	12 gauge stainless steel
Mounting:	Flush mount into a 2-gang box. Surface mount into SBX-2G, sold separately. Tamper proof screws included (6x32 for use with flush gang box) with T-10 TORX bit. Use hardware included with SBX-2G when installing sub into that unit.
Terminations:	Color-coded prewired pigtails
Operating Temperature:	Speaker rating: -67°F to 187°F LE-SS/A Switch rating: 14°F to 158°F; LE-SSR Switch Rating: -22°F to 185°F
Wiring:	2 conductors in a 1-master LEF or IX-1AS system. 3 conductors in a multi-master LEF system. Shielded cable is recommended. Use Aiphone #822202 for LEM/IX. Use #822202 or #822203 for LEF.
Wiring Distance:	See system that unit is being used with for distance specifications.
Dimensions (H x W x D):	LE-SS/-SSR alone: 4-11/16" x 4-11/16" x 2" With SBX-2G: 4-3/4" x 4-7/8" x 3-5/8" (Top) 2-3/8" (Bottom)