LE-SS-1G

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

- INSTRUCTIONS -

The LE-SS-1G is a 1-gang stainless steel vandal proof and weather resistant sub station designed for use with the systems listed above. This unit is constructed with 12 gauge stainless steel and can be flush mounted into a 1-gang box, or surface mounted with the SBX-1G. Each unit includes tamper proof screws and a tool for installation.

INSTALLATION

1. For flush mounting, install sub station in a 1-gang electrical box with Minimum 2-¼" Width and 2-½" Depth.
2. For surface mounting, install sub station in the SBX-1G surface mount enclosure.
3. IMPORTANT! This unit is designed for use in normal weather conditions, and is made to allow for drainage and evaporation of moisture that naturally gets into it. 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. Warranty does not cover damage caused by sealing the unit.

WIRING DIAGRAMS:

**LEM SYSTEM**

Power Source:
- LEM-1 or LEM-3: Use SKK-620 (6V DC)
- LEM-1DL: Use PT-1210N (or any source providing 12-16V AC or 12-24V DC)

**LEF SYSTEM**

* In a single master LEF system only, 2 conductors homerun can be used with the BRN & BLK wires tied together and "E" and ".-" jumpered at the master station.
**SPECIFICATIONS**

- **Power Source:** Supplied by master station
- **Speaker:** 20 ohms, 4W, 1.92” square, water proof and puncture resistant, 0.44 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-1 DL and LEM-1.
- **Communication:** Hands free at sub. Master is push-to-talk, release-to-listen.
- **Faceplate:** 12 gauge stainless steel
- **Mounting:** Flush mount into a 1-gang box with Minimum 2-1/8” Width, 2-½” Depth. Surface mount into SBX-1G, sold separately. Tamper proof screws included (6x32 for use with flush gang box) with T-10 TORX bit. Use hardware included with SBX-1G when installing sub into that unit.
- **Terminations:** Color-coded prewired pigtails
- **Operating Temperature:** Speaker rating: -67°F to 185°F (-55° to 85°C)
  
  Switch rating: -40°F to 257°F (-40°C to 125°C)
- **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-1G alone: 4-1/2” x 2-3/4” x 1-5/8”
  
  With SBX-1G: 4-9/16” x 2-15/16” x 2-7/8” (Top) 2-1/8” (Bottom)

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.