EPL-TL Series Operation

Thank you for purchasing the Larson Electronics EPL-TL-3X10W-C-PA Explosion Proof Signal Light with Audible Alarm. Follow the steps below for installing and maintaining the unit.

WARNING: Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

INSTALLATION PRECAUTIONS

- Do not install fixture in any classified location where the marked operating temperature exceeds the ignition temperature of the hazardous atmospheres.
- Consult fixture nameplate for the suitability ambient temperature shown on the nameplate.
- Refer to fixture nameplate for minimum supply wire temperature rating.
- Verify that the supply voltage agrees with fixture rating as indicated on nameplate.
- All local and national electrical/building codes must be followed when installing this fixture. For code interpretation, consult your local authority.
- Product must be intact and all cap threads fully engaged. Do not use if glass is cracked or damaged.

INSTALLATION

We strongly recommend that only a licensed electrician install this product.

WARNING: Make sure that the power is disconnected before installing. This fixture is heavy and must be mounted to a surface that can structurally support the load. Secure the unit firmly to the surface using the predrilled mounting holes. Failing to comply can result in breakage, allowing the fixture to fall, which can cause serious injury or death.

It is strongly suggested to use two licensed electricians to proceed with the final mounting of the fixture to avoid any possible personnel injury or damage to the fixture. Depending on mounting height and scaffolding, a hydraulic man–lift or two good quality ladders should be used.

WARNING: Check the fixture label to ensure correct input voltage and frequency!

There are mounting holes on either side of the unit for surface mounting to a wall, ceiling or any flat surface. Mount the unit in any location except horn skyward.

Run 3/4" conduit to the junction box and wire the unit according to the labeled wires inside the junction box. Wire the horn to your desired sound according to the attached diagram. Be sure to follow all safety protocols and codes for the location installed.

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MODEL EPSN-HRN-PA -

VOLTAGE
-120
-240
-24

EXPLOSION PROOF MULTISOUND SIREN INSTALLATION INSTRUCTIONS

LARSON ELECTRONICS®

FEATURES

* EXPLOSION PROOF AND WEATHER PROOF FOR INDOOR AND OUTDOOR USE
* LISTED BY UNDERWRITERS' LABORATORIES
* BUILT IN SOLID STATE ELECTRONICS WITH 10 SOUNDS AND REMOTE CONTROL
* REFLEX PROJECTOR FOR MAXIMUM EFFICIENCY
* WIDE ANGLE SOUND DISPERSION PATTERN
* ALUMINUM AND FIBERGLASS HOUSING
* POLARITY PROTECTED (DC UNITS)

SPECIFICATIONS

POWER REQUIREMENTS: 24 WATTS MAX
SOUND LEVEL OUTPUT: 110 DB ON AXIS AT 10 FEET
DISPERSION: 120° X 60°
DIMENSIONS: 14" WIDE X 6" HIGH X 17.5" LONG
CONDUIT CONNECTION: 1/2" RIGID PIPE CONDUIT
WEIGHT: 23 LBS
DUTY CYCLE: CONTINUOUS

INSTALLATION INSTRUCTIONS

SET INTERNAL SELECTOR SWITCH SW1 TO SELECT TYPE OF SOUND DESIRED FACTORY SETTING IS S3.

MOUNT IN ANY ORIENTATION, EXCEPT HORN SKYWARD.

POSITION -- SOUNDS SELECTABLE BY SWITCH ON SOUND MODULE

S1 CONTINUOUSLY RUNNING TRAIN OF 8 SOUNDS IN SEQUENCE
S2 WAIL - CONVENTIONAL SIREN
S3 YELP - RAPID SIREN
S4 TWO-TONE
S5 WHOOP - ASCENDING LOW-HIGH
S6 YEOW - DESENDING HIGH-LOW
S7 HORN - STEADY
S8 BEEP - SLOW INTERMITTENT HORN
S9 STUDDER - RAPID INTERMITTENT HORN
S0 REMOTE - ENABLES REMOTE SELECTION OF

		PRIORITY
S1	MANUAL SIREN	P4
S3	YELP	P3
S4	TWO-TONE	P2
S7	HORN	P1

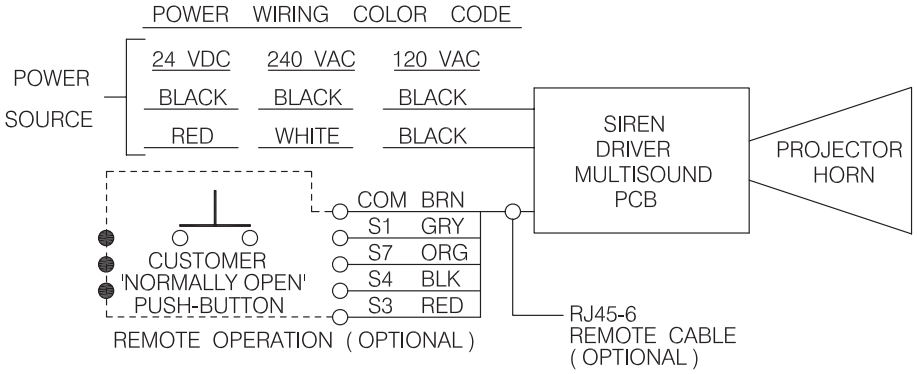
LISTINGS

* CLASS I, GROUPS C and D;
  GAS ATMOSPHERES (INCLUDES ETHYL, ETHER, GASOLINE, NAPTHA, ALCOHOLS, BUTANE, PROPANE)
* NEMA TYPE 4
* MARINE OUTSIDE (SALT WATER) USE

TEMPERATURE RATING

UL RATING	-25°C to +40°C
ELECTRONIC PCB RATING	-55°C to +85°C

FIELD WIRING DIAGRAMS



UNLESS OTHERWISE SPECIFIED	REV	DATE	DESCRIPTION
DIMENSIONS ARE IN INCHES. TOLERANCES: DECIMALS .XX ± .XXX ± ANGLES ± SCALE DO NOT SCALE DRAWING DRAWN APPROVED			

LARSON ELECTRONICS, LLC
9419 US-HWY 175
KEMP, TEXAS 75143

MODEL EPSN-HRN-PA
EXPLOSION PROOF SIREN
INSTALLATION INSTRUCTIONS

LARSON ELECTRONICS

DRAWING NO. | REV

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