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: $120° \times 60°$
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

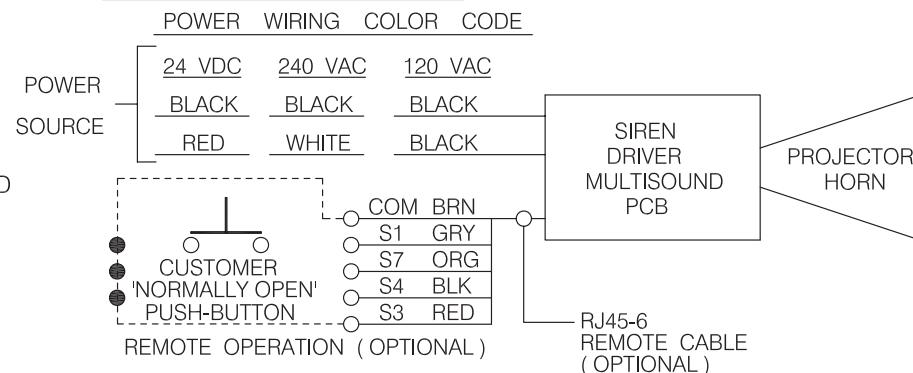|		PRIORITY
S1	MANUAL SIREN	P4
S3	YELP	P3
S4	TWO-TONE	P2
S7	HORN	P1

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
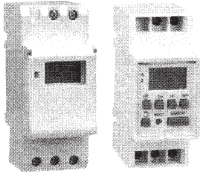ELECTRONIC PCB RATING   -55°C to +85°C

FIELD WIRING DIAGRAMS

POWER WIRING COLOR CODE

POWER SOURCE	24 VDC	240 VAC	120 VAC
	BLACK	BLACK	BLACK
	RED	WHITE	BLACK

SIREN DRIVER MULTISOUND PCB

PROJECTOR HORN

COM BRN
S1   GRY
S7   ORG
S4   BLK
S3   RED

CUSTOMER 'NORMALLY OPEN' PUSH-BUTTON

REMOTE OPERATION (OPTIONAL)

RJ45-6 REMOTE CABLE (OPTIONAL)

MULTIFUNCTION WEEKLY
PROGRAMMABLE ELECTRONIC TIMER

1. Description

1. DIN Rail Installation.
2. Advanced pre-setting one week before.
3. Digital electronics general purpose time switch with daily and Weekly programs.
4. Repeat programs with 16 ON/OFF settings.
5. To-the-minute setting accuracy.
6. LCD displays real time to Hour/Minute and ON/AUTO/OFF.

2.Unlock instructions

Press the "C/R" button for the four time, and the " ᴈ " character disappears in the lower left corner of the display screen. At this time, the control switch is to unlock the state. All keys are valid, can be set or other operation. If not operated in 15 seconds, the time controlled switch is automatically locked. Such as finish setting up , you can also press the "C/R" button for four times，after manual lock button is invalid.

3. Parameter

⊠ Number of circuits:1 changeover switch(SPDT)		⊠ Error:≤2s/day(25℃)
⊠ On/Off operation:16 on& 16off	⊠ Power:4.5VA(max)	⊠ Bound:1 min~168hours
⊠ Battery backup:≥15 days		⊠ Mininum interval:1 minute
⊠ Load capacity:16A 250VAC(ohmic load cos Φ =1)		⊠ Service life:Mechanically:10^7 Electrically:10^5
⊠ Humidity:35~85%RH	⊠ Operating temperature:-10~55℃	⊠ Weight:125g

4. Operating Instruction:

1.First time use this timer switch,please input AC and let battery recharge.After then press reset key,

2. Programming:

Step	Key	Programming
1	Press **P**	Setting " 1ᴏɴ" time(display 1 on)
2*	Press **D+**	Select days of week(If you want same set in every day,you need not press this key)
3	Press **H+/M+**	Set hours and minutes
4	Press **P**	Setting " 1ᴏꜰꜰ" time(display 1 off)
5	Press **P**	Select days week(If you want same set in every day,you need not press this key)
6	Press **H+/M+**	Set hours and minutes
7	Pepeat step 2-6	Set 2-16 on/off time
8**	Press ⏰	End

Note:

For cancel engagements,press " **MANUAL** " then "‑ ‑:‑ ‑ " is displayed on LCD to confirm cancel.May press " **MANUAL** " again to resume initial setting.
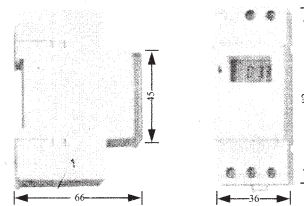
*10 different mode: （1. MO TU WE TH FR SA SU; 2.MO TU WE TH FR; 3.SA SU; 4.MO; 5.TU; 6.WE; 7.TH; 8.FR; 9.SA; 10.SU）.

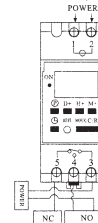**IF you need not 16 time setting press "⏰" key to the end.

3. Clock Setting

(1) Press "D+" will correct date is shown.
(2) Press "H+ " will correct hour is shown.
(3) Press " M+ " will correct minute is shown.
(4) Press " **MANUAL** " Key to display ON TUO or AUTO OFF.(If this clock in you program is ON selects ON AUTO,and this clock in you program is OFF selects AUTO/OFF).

4. Press " **MANUAL** " key can select timer switch to ON/OFF/AUTO.

5. Dimension

6. Assembly picture

NOTICE: The power consumption of connected electrical appliances,shall be within. The limitation of following rated capacity.

E X P E D I T E D   S H I P P I N G   ·   S U P E R I O R   C U S T O M   F A B R I C A T I O N

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