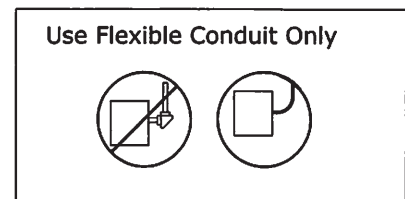


INSTALLATION INSTRUCTIONS

IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Review the diagrams thoroughly before beginning.
2. All electrical connections must be in accordance with local codes, ordinances, and the National Electric code.
3. Disconnect power at fuse or circuit breaker before installing or servicing.
4. Do not use outdoors.
5. Do not mount in hazardous locations, or near gas or electric heaters.
6. Do not let power cords touch hot surface.
7. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
8. The use of accessory equipment not recommend by the manufacturer may cause an unsafe condition.
9. Do not use this equipment for other than intended use.
10. All servicing should be performed by a qualified personnel only.
11. Allow battery to charge for 24 hours before full duration test.
12. Max mounting height 21ft .



SAVE THESE INSTRUCTIONS

MAINTENANCE

Always disconnect power at fuse or circuit breaker before installing or servicing, servicing should be performed only by qualified personnel.

BATTERY: should be tested periodically and replaced when it no longer meet the required duration of 30 second or 90 minutes.

Battery have to recharge if product keep in stock over 9 months, detail manual refer "BATTERY STOCK AND RECHARGE GUIDELINE".

OPERATION

1. Apply AC power to the unit, the indicator shows red.
2. Push the test switch, the LED indicator turns off and the LED board stays on .
3. After release the test switch, LED indicator turns back to red.

TROUBLE SHOOTING GUIDE

If LED board or LED indicator does not illuminate, check the following:

1. Check AC supply - verify that unit has 24 hours AC supply.
2. Battery is not connected.
3. Battery voltage too low- Permit unit to charge for 24 hours then re-test.
4. If above trouble shooting hints do not solve you problem, contact factory for assistance.

ROUTINE TESTING

National Electric Code (NEC) and NFPA life safety code regulations require that routine tests need to be performed as below:

Once every month, perform 30 seconds duration test, push in and hold the test switch to perform this test.

Once every 12 months, perform full 90 minutes test, disconnect AC power supply and transfer to emergency mode, the unit should stay on 90 minutes minimum.

Wall Mounting (see Fig 2)

1. Open front cover by blade screwdriver (see Fig 1).
2. Knock out center and appropriate mounting screw holes on the back plate.
3. Remove side hole plug from housing, snap lamp heads on the unit and connect to PC board.
4. Route the AC supply wires through center hole inside of housing.
5. Install fixture on the J-box.
6. Make correct electrical connections inside of fixture according wiring diagram.
7. Push excess wire into J-Box.
8. Attach battery connector to PC board, restore front panel on unit.

Open Front Cover

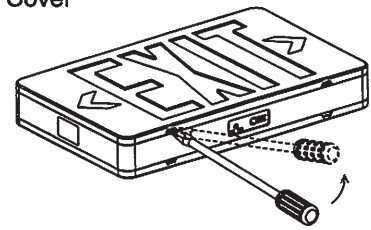


Fig 1

Ceiling Mounting (see Fig 3)

1. Attach crossbar to junction box, set the crossbar so that the longer blade is touching the J-Box.
2. Open front cover by blade screwdriver.
3. If double face is desired, replace back plate with additional face plate provided.
4. Remove out the mounting hole cover on the top and side of the unit, assemble the canopy the unit (see Fig 3).
5. Snap lamp heads on the unit and connect to PC board.
6. Route the proper wires through mounting hole out of housing.
7. Make electrical connections inside the J-Box as wiring diagram.
8. Fasten crossbar on J-box by screws provided, fasten canopy to crossbar and against to the wall.
9. Snap chevron to EXIT panel if required.
10. Attach battery connector to PC board, restore front panel on unit, adjust position of lamp heads as need.

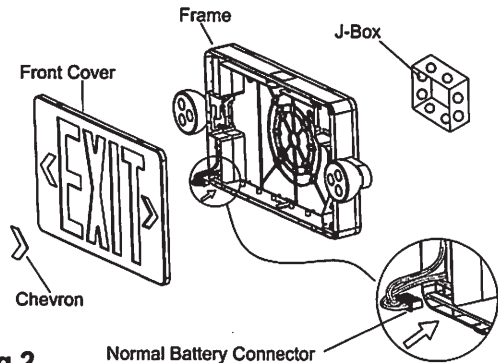


Fig 2

Connecting Remote heads (see Fig 4)

If fixture has remote capability option, Max. remote capability is 3.6VDC1.5W max.

Connect remote heads extension wire to remote wire, yellow is positive(+), purple is negative(-). connect wires using wire nuts.

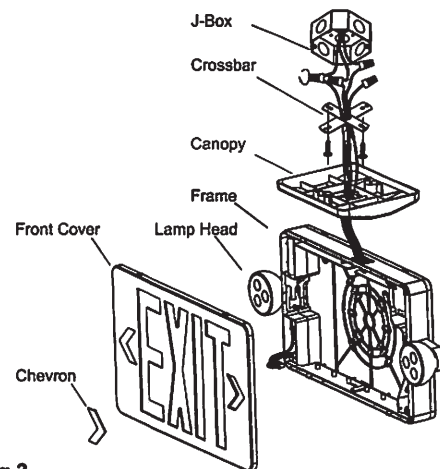


Fig 3

Canopy assembly

Put the canopy connector inside of housing then slider and fixed by plastic clip.

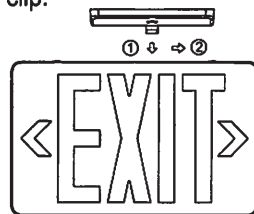
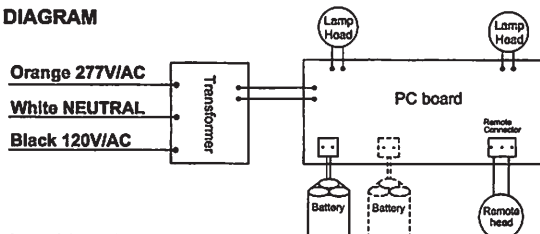


Fig 5

WIRING DIAGRAM



Connect the white wire to neutral.
If using 120V, connect the black wire to the hot lead.
If using 277V, connect the orange wire to the hot lead.
Cap the unused lead.

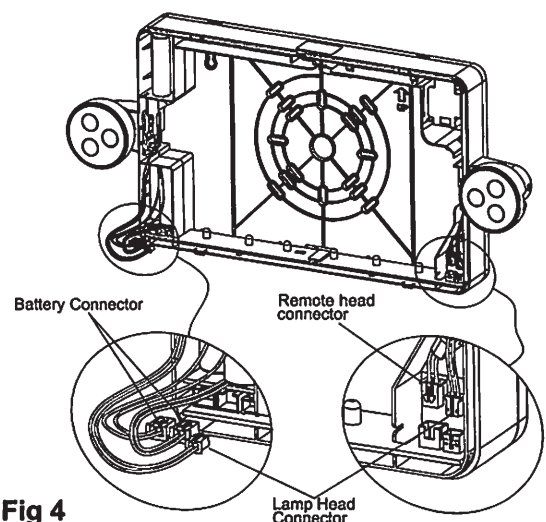


Fig 4

INSTALLATION INSTRUCTION

SELF-DIAGNOSTICS / SELF-TEST OPTION

SAVE THESE INSTRUCTIONS

1. When AC power is supplied to fixture, the unit will automatically initiate a self-test and self-diagnostic test as follows:

- (1) Verifies battery disconnection, charger board failure at every 5 seconds.
- (2) 1 minute self-testing every month.
- (3) 30 minutes self-testing on every 6 months after installation.
- (4) 90 minutes self-testing on every 12 months after installation.

2. Dual color LED lamp indicator shows the following status:

- (1) Green color On / Ready
 blinking: Testing
- (2) Red color (Service Alert)
- (3) Service Alert LED Code (Red color LED lamp indicator)

●	One blink, 4 second pause	Battery is not connected
● ●	Two blinks, 4 second pause	Battery voltage too low
● ● ●	Three blinks, 4 second pause	Charger board circuit failure
● ● ● ●	Four blinks, 4 second pause	Transfer function failure
● ● ● ● ●	Five blinks, 4 second pause	Integral lamp failure
● ● ● ● ● ●	Six blinks, 4 second pause	Remote heads failure (option)
● ● ● ● ● ● ●	Seven blinks, 4 second pause	LED strip failure

NOTICE

After solving the fault of emergency equipment, please press test button for 2 seconds without releasing to reset. LED indicator will show green.

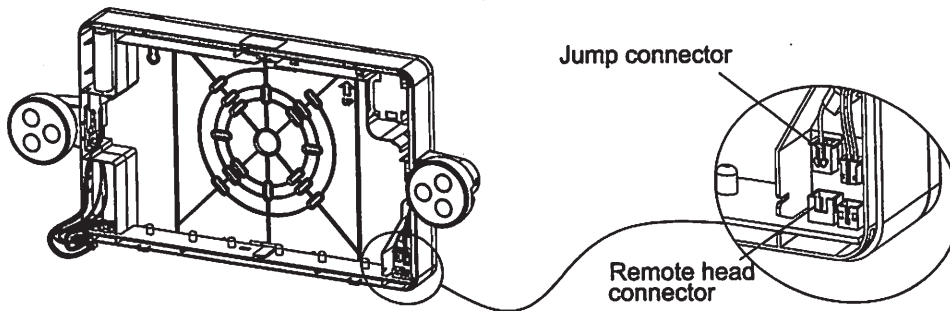
3. Self-testing / self-diagnostic also have manual test function, press test button as follows:

Press test button once	30 seconds discharge test
Press test button twice within 2 seconds	3 minutes discharge test
Press test button 3 times within 2 seconds	30 minutes discharge test
Press test button 4 times within 2 seconds	90 minutes discharge test

REMOTE HEADS CONNECTION INSTRUCTION SEE NEXT PAGE

4. Connect remote heads

(1) Remove jump connector from the female connector on PCBA.



(2) Attach the remote male connector into the female connector on PC board.

(3) Connect extended remote head wires to the remote wires using wire nut.
Yellow is positive(+) and the purple is negative(-).

