

INSTRUCTIONS IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS**
2. Disconnect power before performing work on electrical equipment.
3. Do not use outdoors.
4. Use caution when servicing batteries.
5. Equipment should be mounted in locations and at heights where unauthorized personnel will not readily subject it to tampering.
6. The use of accessory equipment not recommended by Beghelli Inc., may cause an unsafe condition, and will void the unit's warranty.
7. Do not use this equipment for other than its intended purpose.
8. Servicing of this equipment should be performed by qualified service personnel.
9. **SAVE THESE INSTRUCTIONS!**

IMPORTANT: The battery in this unit may not be fully charged. After electricity is connected to unit, let battery charge for at least 24 hours, then normal operation of this unit should take effect. To check, press TEST button. The emergency LED lamps should illuminate. When re-lamping, use only LED lamps specified in the fixture. Using other lamp types may result in transformer damage or unsafe conditions.

INSTALLATION

1. Turn off AC power.
2. Extend unswitched AC line to unit location.
3. Remove both lenses by pulling away from housing. Do not lift unit by lenses (Diagram A).
4. Remove unit back plate by releasing two tabs at the bottom with a narrow screwdriver blade, and pull away. (Diagram B).
5. For WALL OR CEILING MOUNTING, please screw through appropriate keyhole slots and tighten. If ceiling mounted, be sure to orient the back plate, so the test switch faces the bottom or desired direction. For JUNCTION BOX MOUNTING, complete wiring connections as per step 6, and secure to J-box by removing appropriate knock-outs in back plate. For CONDUIT ENTRY, secure back plate to wall or ceiling with suitable anchors. Knock out the conduit entry hole in the top of the unit housing, and install conduit with bushing.
6. Attach unswitched AC circuit wires to unit AC input wire with wire nuts. **INSULATE UNUSED LEAD.**

For 120 VAC input, follow diagram C.
For 277 VAC input, follow diagram D.

7. When ready to energize AC circuit, connect red battery lead to battery positive terminal. Verify battery negative terminal is connected to battery blue wire.
8. AC must be off when mating unit housing to back plate. Align AC connector over circuit board and press onto back plate until the retaining tabs snap through the housing. Reinstall both lenses by slightly squeezing the top and bottom mounting tabs.

DIAGRAM A

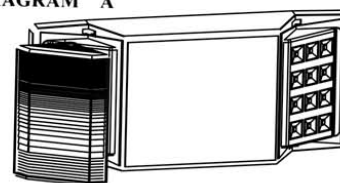


DIAGRAM B

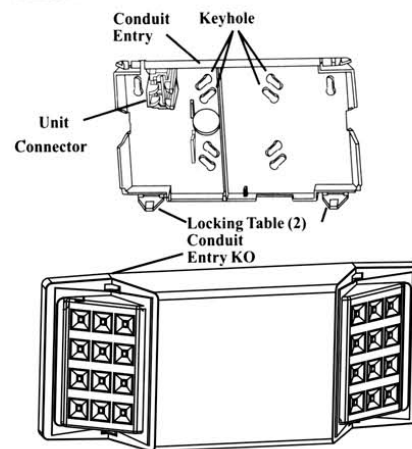


DIAGRAM C

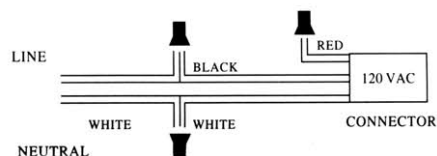
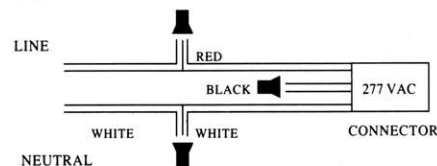


DIAGRAM D



TESTING

1. To test, depress test switch. The emergency lamps will illuminate. When switch is released, LED will go off. Allow unit to charge for 48 hours before full load testing.

IMPORTANT NOTICE: This equipment is furnished with a low voltage disconnect circuit to prevent damage by over discharging the battery. However, if the AC supply to the unit is to be disconnected for prolonged periods of time, the **BATTERY MUST BE DISCONNECTED**. If unit fails to perform as described, disconnect AC and battery immediately, and contact the factory, or trained service personnel for assistance.

TECHNICAL PARAMETERS

1. Battery: 3.6V 1000mAh Ni-Cd
2. LED: 2X12PCS SMDLED
3. Duration time: 100 minutes

WARNING: Unused wires must be capped using enclosed wire nuts.
