

# Installation Instructions

## Model 196 – Stinger 90

### Loud Industrial Line-Powered Ringer

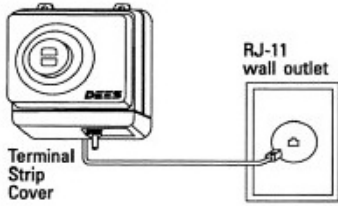


Fig. 1

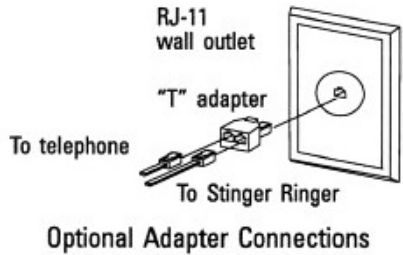


Fig. 2

**CAUTION:** Before installation of this device, read the following instructions and Warning statement. Removal of terminal cover and hardware installation of this device is to be performed by trained technical personnel only.

1. Unscrew terminal cover. (refer to Caution and Warning statements)
2. Mount the Stinger 90 on the wall using the three #8 screws provided with the unit. Screw holes are located at the top of the unit and beneath the terminal cover. Make sure allowance has been given for connecting to the telephone jack.
3. If device is to be connected using a modular telephone cord, a UL/CSA approved cord is to be used (provided). Cord should have one end terminated with #6 spade tips and the other end with an RJ11 plug. At the terminal block, the Red lead connects to RING, and Green connects to TIP. Plug the RJ11 end into the telephone jack (Fig. 1). If the telephone jack must be shared with other equipment, a "T" adapter may be used as shown in (Fig. 2).
4. To hardwire the Ringer, connect wiring directly to screw terminals. Observe polarity of TIP and RING. (Refer to Caution and Warning statements. Use only UL/CSA approved wiring.)
5. Replace terminal cover.
6. Adjust volume switch (Low – Med – High) appropriately for area.



## Regulatory Notes

### FCC Requirements

1. The Federal Communications Commission (FCC) has established Rules which permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin lines.
2. If this device is malfunctioning, it may also be causing harm to the telephone network. This device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.
3. The telephone company may make changes to its technical operations and procedures. If such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the changes.
4. If the telephone company requests information on what equipment is connected to their lines, inform them of:
  - a. The telephone number this unit is connected to
  - b. The USOC jack required (RJ11)
  - c. The FCC registration number (printed on label) 8E3-19754-RG-N

### Warning

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Service Requirements

In the event of equipment malfunction, all repairs should be performed by our Company or an authorized agent. It is the responsibility of users requiring service to report the need for service to our Company or to one of our authorized agents. In the USA and Canada, contact Dees by telephone or email: 1-800-654-5604 or support@dees.com

### Equipment Attachment Limitations

Notice: The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water-pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.