

TELSTROBE - MODEL PS-11A

115VAC


INSTALLATION INSTRUCTIONS TELSTROBE

Use this product according to this instruction manual. Please keep this instruction manual for future reference.

MODEL: PS-11A

APPLICATION INFORMATION:

Wheelock Inc. manufactures high quality telephone products. The installation of this product must conform to the following instructions. IF ANY WORDS OR LETTERS APPEAR ON THE PRODUCT INDICATING A PARTICULAR USE, THE PRODUCT MUST BE USED ONLY IN THE MANNER SO INDICATED. THE INSTALLATION OF THIS EQUIPMENT SHOULD ONLY BE UNDERTAKEN BY QUALIFIED PERSONNEL. FIELD ADJUSTMENT, REPAIR OR MODIFICATION OF THESE SIGNALS SHOULD NOT BE ATTEMPTED. Malfunctioning units should be returned for factory repair or replacement in accordance with Wheelock Inc.'s published terms and conditions. Contact Wheelock Inc., 273 Branchport Ave., Long Branch, NJ, 07740.

NOTE: All **CAUTIONS** and **WARNINGS** are identified by the symbol . All warnings are printed in bold capital letters.

WARNING: THE TELSTROBE IS NOT TO BE USED AS AN INDOOR VISUAL EVACUATION SIGNAL FOR THE HEARING IMPAIRED.


FCC REGULATIONS:

- This equipment complies with Part 68 of the FCC Rules. The label affixed to this product contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this product. This information must be provided to the telephone company if requested.
- The REN is used to determine the quantity of devices which you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices that you may connect to your line, contact your local telephone company.
- This equipment should not be used on coin telephone lines. Connection to party line service is subject to state tariffs.
- If trouble is experienced, disconnect this equipment from the telephone line to determine if it is causing the malfunction. If the equipment is determined to be malfunctioning, its use shall be discontinued until the problem has been corrected.
- Should the equipment cause harm to the telephone network, the telephone company shall, if possible, notify the customer that temporary discontinuance of service may be required; however, where prior written notice is not possible, the telephone company may temporarily discontinue service without notice, if such action is necessary under the circumstances. The telephone company may make changes in its communication facilities, equipment and operations procedures, where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations of the Federal Communications Commission.

DOC REGULATIONS:

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.
- 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.
- Make sure that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together.

 **CAUTION:** The installation of this equipment should only be undertaken by qualified personnel.

GENERAL INFORMATION:

The Telstrobe is a self-contained, plug-in strobe signal that emits a high-intensity flashing light when the telephone rings. The strobe is designed for use in single-party (private) lines. It responds to any ring signal within a frequency range of 20-30Hz and a voltage range of 45-130VRMS. A minimum one second ring time is required for the ringing voltage to produce approximately two flashes per second from the strobe.

MOUNTING INFORMATION:

The Telstrobe is designed for mounting to indoor structures such as walls, partitions or posts. Locate the strobe as desired for visibility and connect it as shown in the sketch below. Note that the mounting screws supplied with each unit must be spaced as indicated. The strobe hangs securely on the screw heads by means of key holes on the back of the unit. Connect the strobe's six foot power cord to a 115VAC outlet. Connect a standard modular telephone line cord (not supplied) from a spare telephone jack to the jack on the strobe. The modular cord is typically 7 foot in length with a RJ-11C modular jack in the USA or a CA-11 modular jack in Canada. The Telephone Strobe is now ready to operate. Test the installation by having someone ring your number to make sure that the strobe flashes properly.

SPECIFICATIONS:

Strobe Circuit Specifications:

- Nominal input voltage: 115VAC, 60Hz
- Input voltage: 96-132VAC, 60Hz
- Current draw: 0.080 AMPS at 115VAC
- Peak Candlepower: 70,000 peak candlepower
- Nominal flash rate: Two flashes per second
- Input power cord: Six foot long with 2-blade plug

Control Circuit Specifications

- Nominal input voltage: 90VRMS, 20-30Hz
- Input voltage limits: 45-130VRMS, 20-30Hz
- Ringer equivalence ratings: 0.4, 1.0B (0.005 AMPS at 90V, 20Hz)
- Voice Impedance: 500K OHMS @ 400Hz, 3VRMS
100K OHMS @ 20KHz, 3VRMS
- DC impedance: Virtually infinite (blocking capacitor)
- Duty cycle: 33% max. with 10 second maximum on time
- Input jack: USOC RJ11C, type 623:
pin 3 = ring/red,
pin 4 = tip/green

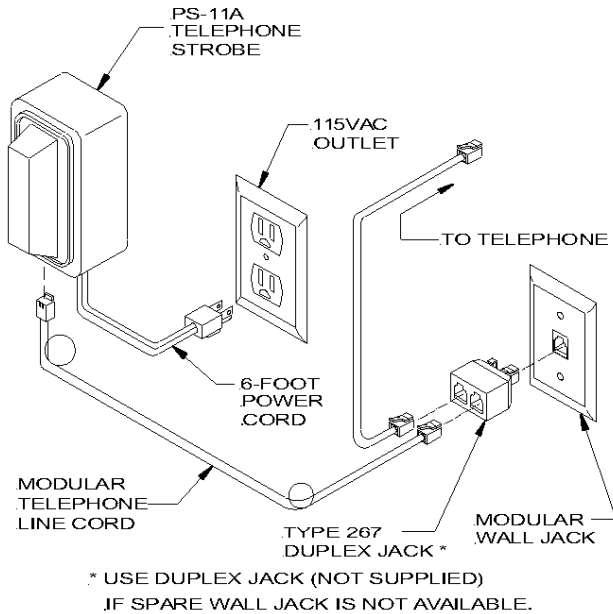


Figure 1.

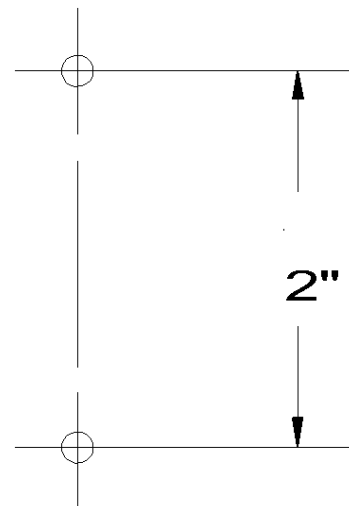


Figure 2.
Template for spacing mounting screws (provided)

CAUTION: These devices are not intended for use in hazardous locations as defined by the National Electrical Code (NEC) and by the National Fire Protection Association (NFPA).

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