

Model PS-15A

RING VOLTAGE POWERED

INSTALLATION INSTRUCTIONS TELSTROBE

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

MODEL: PS-15A

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.

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.
- 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.

Load Number for PS-15A =7

GENERAL INFORMATION:

The TelStrobe is a self-contained, plug-in strobe signal that emits a high intensity flashing light when the telephone rings. It requires only the power provided by the Public Telephone Network. 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 50-130 VRMS. The TelStrobe produces 1 flash per 1 second ring cycle and has a ringer equivalence of 1.5A.

READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT.

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.

MOUNTING INFORMATION:

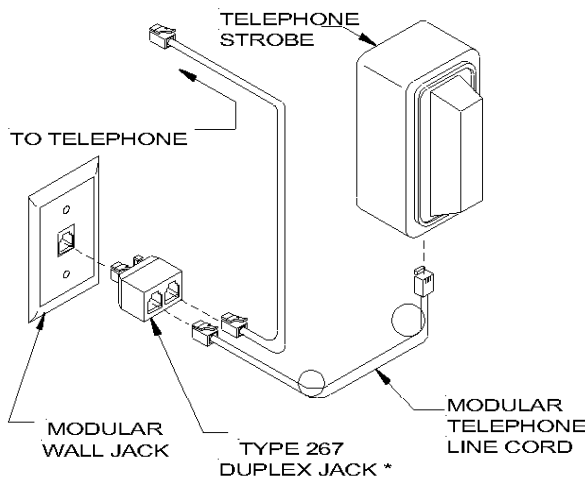
The TelStrobe is designed for mounting to indoor structures such as walls, partitions or posts. Locate the strobe as desired for visibility. Note that the special mounting screws supplied with each unit must be spaced in accordance with the keyholes on the back of the unit; the strobe hangs securely on the screw heads. Connect a standard modular telephone line cord (not supplied) from a spare telephone jack to the jack on the strobe. The cord is typically 7 foot in length with a modular plug to mate with an RJ-11C jack in the USA or a CA-11 jack in Canada. If a spare telephone jack is not available a "T" adaptor can be used. The TelStrobe is now ready to operate. Test the installation by having someone ring your number to make sure that the strobe flashes properly.

⚠ 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).

SPECIFICATIONS:

<i>Table 1: Performance Specifications</i>	
Nominal Input Voltage	90 VRMS, 20HZ
Input Voltage Limits	50-130 VRMS, 20-30Hz
Ringer Equivalence Rating	1.5A
Peak Candlepower (cp)	8,000cp
Nominal Flash Rate	One flash per one second ring cycle
Voice Impedance	10K OHMS at 20KHz, 3VRMS
Input Jack	USOC RJ11C (Type 623; PIN 3 = Ring (Red), PIN 4 = Tip (Green))
DC Impedance	Virtually Infinite (Blocking Capacitor)

NOTE: The strobe will produce 1 flash every 1 second on ring cycle with a minimum of 75 VRMS input. However, it will skip flashes if the input voltage is from 50 VRMS to 75 VRMS.



* USE DUPLEX JACK (NOT SUPPLIED)
IF SPARE WALL JACK IS NOT AVAILABLE

Figure 1: TelStrobe

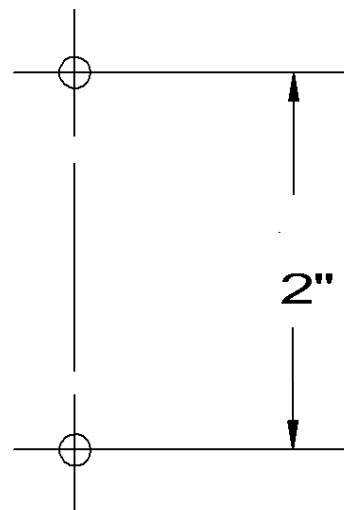


Figure 2: Mounting Template

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