# General Description

The Telex Audiocom<sup>™</sup> Model PS-1F Power Supply mounts in a standard two-gang electrical outlet box. It may be used to power a single intercom channel containing up to 4 belt-pack headset stations.

# **Specifications**

### **Power Requirements:**

105-130VAC, 60Hz, 35 Watts

#### **Output Voltage:**

24VDC regulated (less than 50 millivolts ripple)

### **Output Current**

500 milliamps maximum continuous

240 milliamps short circuit current limiting

### Channel Terminating Impedance (provided by PS-1F):

 $300\Omega \pm 15\%$ 

Intercom Channel

Three screw terminals with wire clamps for No. 14-22 AWG stranded or solid wire

Power

Three wire pigtails

#### **WARNING:** The PS-1F requires connection of line voltage and

low voltage wiring in the same outlet box. any installation of this unit must meet all relevant national and local electrical needs.

**NOTE:** Not recommended for systems with 300ft or more total

cable runs.

# **Installation**

 AC power should be supplied from a circuit protected by a service fuse or circuit breakter with a maximum of 15 Amps. Connect AC power to the black and white lead wires; connect ground to the green wire.

## To power an intercom channel:

Connect the intercom channel to the CHANNEL terminals, and then connect the intercom DC return to te SHLD terminal.

### To locally power the speaker station:

- > Connect the speaker stations's positive terminal to either one of the PS-1F CHANNEL terminals, and connect speaker station ground to the PS-1F SHLD terminal. The remaining CHANNEL terminal on the PS-1F is not used. on the speaker station, be sure to remove the jumper installed between the +24 and PH terminals. (This jumper is used only when the speaker station is phantom powered from the intercom channel.)
- 2. Mount the PS-1F in an electrical box using the screws provided with the unit.

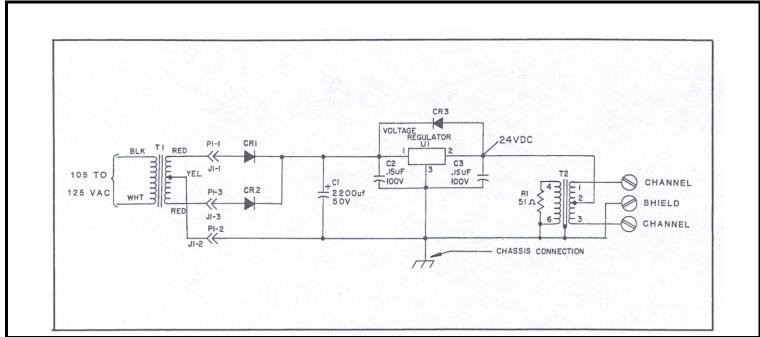


FIGURE 1. Model PS-1F Schematic Diagram

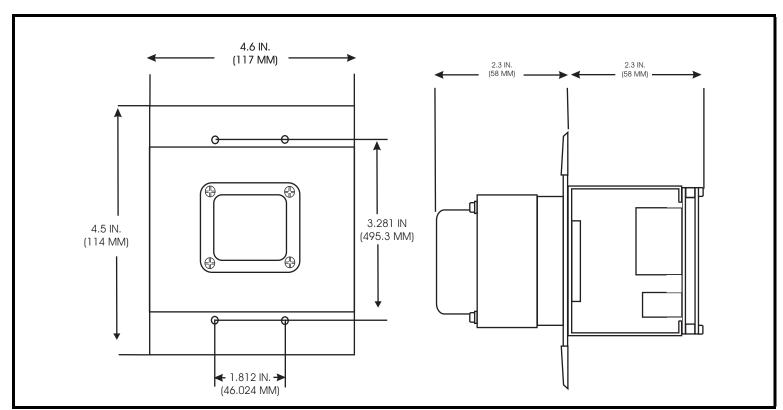


FIGURE 2. Model PS-1F Dimensional Drawing

# Service Information

# **Factory Service**

All Audiocom equipment returns must be sent prepaid. Telex will not accept collect shipments.

The following information must accompany all equipment returned for repair.

### **In-Warranty Repairs**

- Your name, address and telephone number.
- Purchaser's name and address (if different from above).
- Copy of proof of purchase (keep your original).
- Model and serial numbers (or date codes).
- A complete description of the problem.

#### **Non-Warranty Repairs**

- Your name, address and telephone number.
- Model and serial numbers (or date codes).
- A complete description of the problem.

All equipment repaired in-warranty by Telex will be returned prepaid by Telex.

If requested, an estimate will be sent before repairing non-warranty equipment. This is a guaranteed estimate - final charges will not exceed what is quoted. If payment is sent along with your estimate approval, COD charges will be avoided; otherwise, equipment will be returned to you C.O.D.

# **Factory Service Address:**

Telex Communications, Inc. 8601 East Cornhusker Hwy. Lincoln, NE 68507 U.S.A. Attn: Service

#### **Customer Assistance**

Customer Service Department RTS/Telex Communications, Inc. 12000 Portland Avenue South Burnsville, MN 55337 USA Telephone: 800-392-3497

Fax: 800-323-0498



38109-313 Rev D 10/2008