
General Description

The Telex Audiocom[™] 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):

300Ω ±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

1. AC power should be supplied from a circuit protected by a service fuse or circuit breaker 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 the 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.

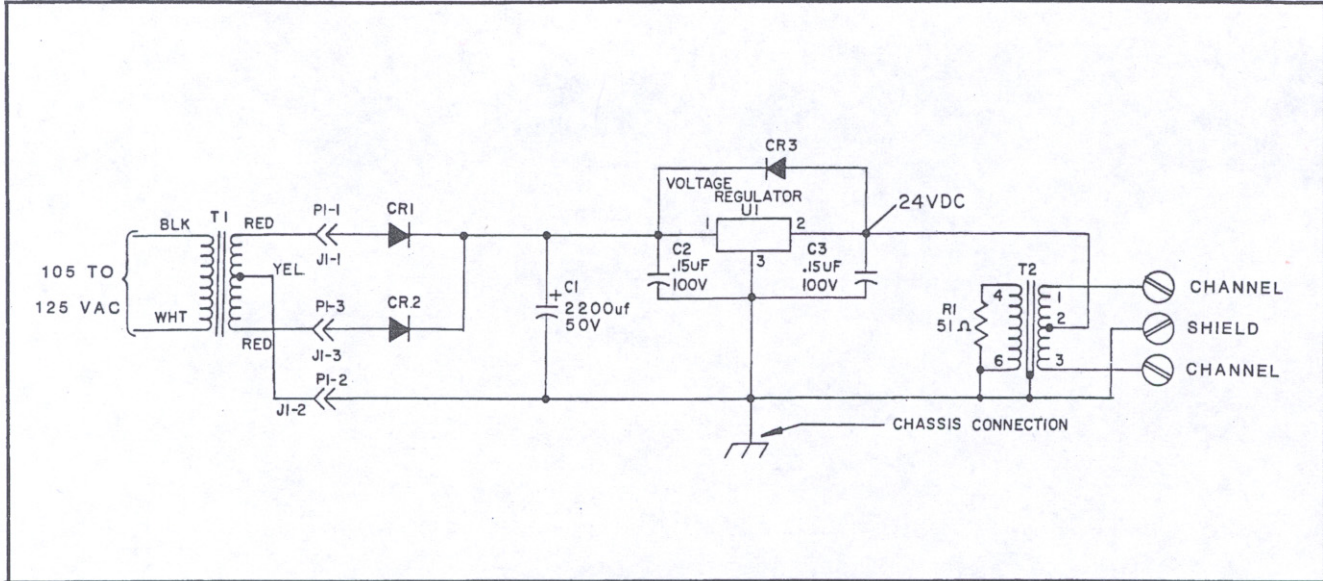


FIGURE 1. Model PS-1F Schematic Diagram

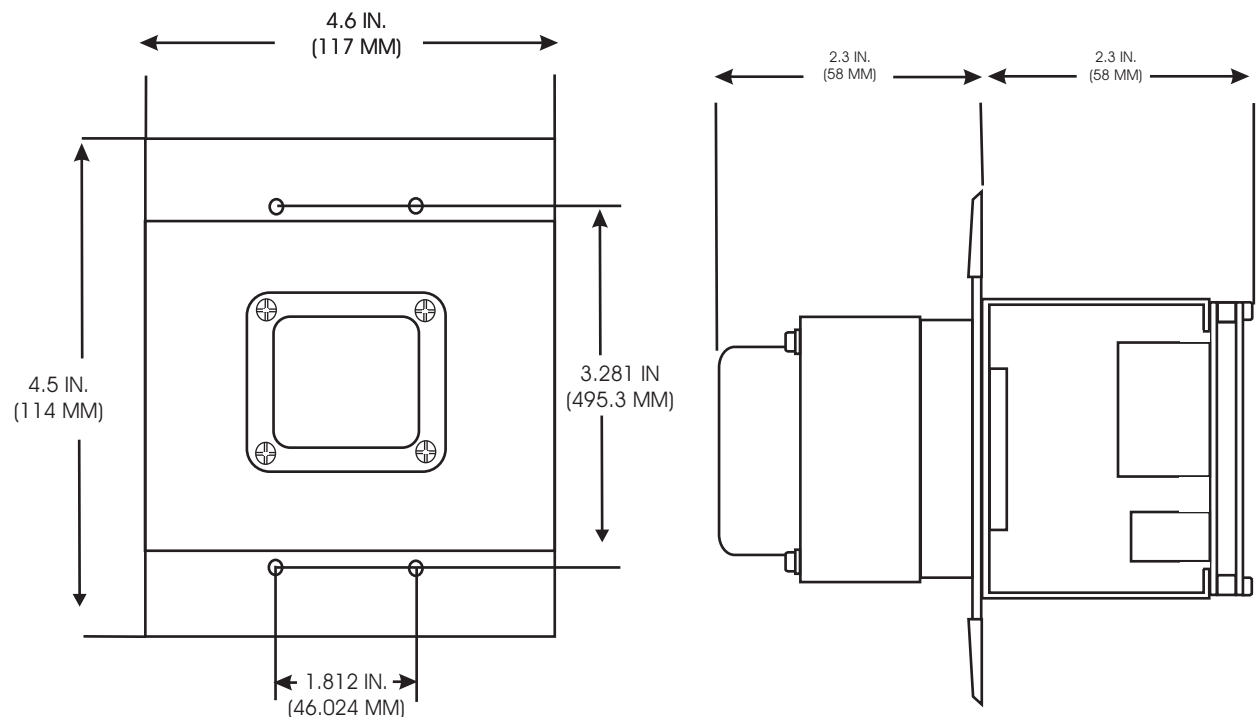


FIGURE 2. Model PS-1F Dimensional Drawing

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
