

Technical Data Sheet

Innovating the Future of Global Communications

PS-2001L



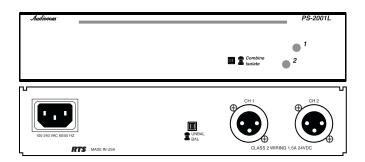


The PS-2001L is a versatile power supply that can be used in a variety of RTS Audiocom intercom system applications. It directly accepts any AC input power from 100 to 240VAC, 50/60Hz and can be configured to power two (2) separate intercom channels or one large intercom channel with twice the intercom station capacity. Additionally, the unit can be configured for compatibility with Clear-Com Intercom Systems. The unit may be rack mounted or used on a desktop. For rack mounting, optional hardware is required. For desktop use, four (4) non-marring rubber feet are supplied.

Features

- The unit combines the audio signals of the two (2) channels to create a single audio channel where all users can intercommunicate.
- Instantaneous Auto Reset (IAR), the newest technology inperformance and safety, which uses a revolutionary newcircuitry that dynamically monitors line fault conditions. Then, when the fault is removed, automatically brings individual power supply channels up. The indicators are green for normal operation and red when there is an overload or short circuit.
- Combine/Isolate switch When the switch is set to the Isolate position, each channel connector is powered separately and has completely separate intercom audio. When the switch is set to the Combine position, each channel is still powered separately, but the audio signals are combined so that all users on both channels can intercommunicate.
- This selector switch allows the user to configure the unit for use in either an RTS Audiocom (BALANCED) or Clear-Com (UNBALANCED) system. Compatibility includes channel connector pin-outs, channel power requirements, and call signaling requirements. The default setting for this switch is in the RTS Audiocom (BAL) position.

Line Drawings



Specifications

General

General	
Input Power Requirements:	=100 to 240VAC, 50/60Hz
·	24±1VDC, 1A
,	
	8.25 in (209.5 mm) wide
	10.31 in (261.9 mm) deep
Weight:	
Environmental Requirements:	approximately 2.3ib (1.13kg)
•	20°C to 80°C, 0% to 95% humidity, non-condensing
	0°C to 50°C, 0% to 95% humidity, non-condensing
	C to 50 C, 0% to 95% numbers, non-condensing
Intercom Channels	
General	
Connector Type:	One XLR-3M audio connector for each channel.
	Pin-out depends on setting of BAL/UNBAL a switch for
	balanced or unbalanced operation as defined below:
Balanced Mode (set to BAL position)	
• • • • • • • • • • • • • • • • • • • •	0000
• ,	300Ω ±10%
Connector Pin-out:	
	Full-duplex, balanced intercom audio and +24VDC output
	Full-duplex, balanced intercom audio and +24VDC output
Unbalanced Mode (set to UNBAL position)	
• 1	200Ω ±5%
Connector Pin-out:	
Pin 3	Full-duplex, unbalanced Intercom audio high
Speaker Inputs (SPS-2001 Only)	
Type:	RCA Phone Jack
31	
•	Speaker - Input
Approvals	
UL, CUL, CE	

Order Information

PS-2001L • Power Supply

For ordering information, contact your regional sales representative at: http://rtsintercoms.com/us/intercom/contact

The specification information is preliminary and is subject to change without notification. Brand names mentioned are the property of their respective companies.



Form Number: F01U278888 Rev 02

Date: February 2013

