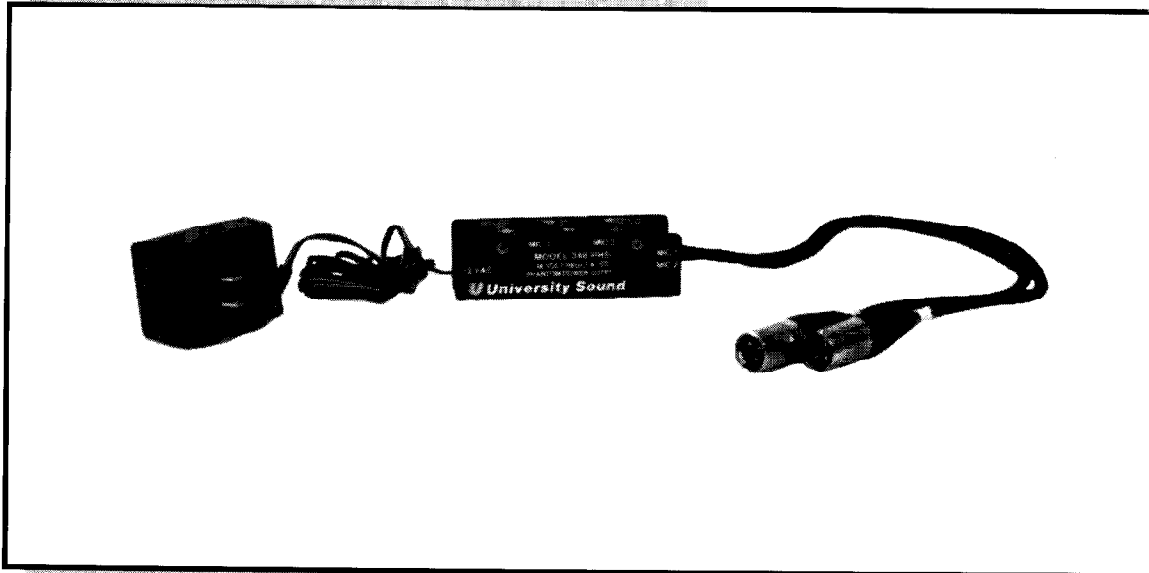




# 348-PHS

## Dual Phantom Power Supply



## Product Data

- Provides regulated 48 Volt phantom power for condenser microphones
- Low noise design for reduced hum and RF susceptibility
- Wall-mount UL Listed 12 VAC power supply included
- Two case mounted female XLR jacks feed to two 24" microphone cables with male XLR plugs
- Pre-punched holes and small footprint facilitate mounting
- Black textured epoxy finish

### Specifications:

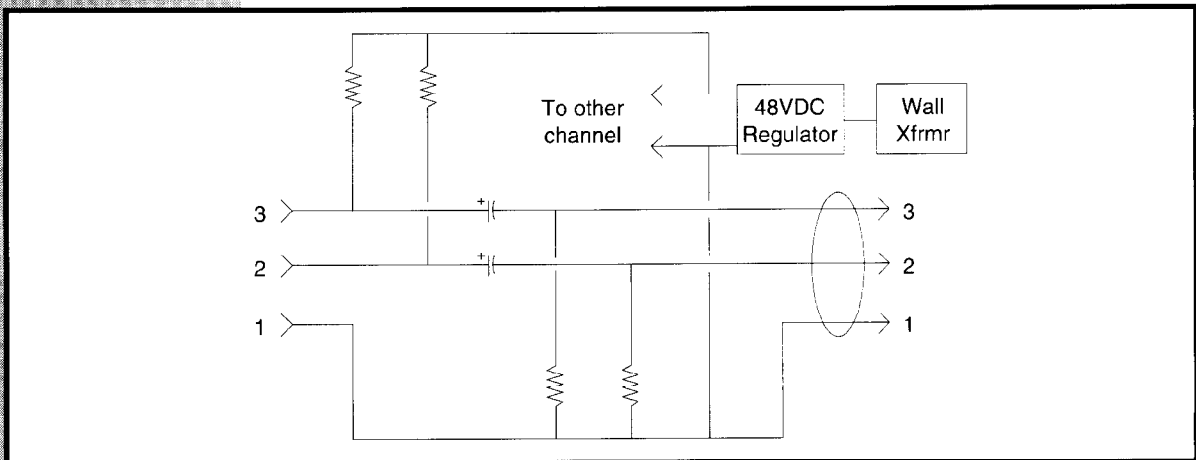
Phantom Supply	48 VDC
Frequency Response	20 Hz - 20 kHz, +0 -1 dB
Noise and Hum	< -103 dBv
Distortion	< 0.1%THD
Dimensions	
Height	1.3" (3.3 cm)
Length	4.6" (11.7 cm)
Width	1.6" (4.1 cm)
Net Weight	1.0 lbs. (0.45 kg)
Shipping Weight	1.5 lbs. (0.68 kg)

## Description

The University Sound Model 348-PHS Dual Phantom Power Supply offers the installer a reliable yet cost-effective way to power electret-type microphones. The unit provides 48 Volt phantom power for up to two microphones. The low-noise circuit provides enough isolation to make crosstalk between the two inputs negligible, with low noise and RF susceptibility. Input connections are made on standard, sturdy female XLR connectors mounted on the chassis, while

the outputs are sent to male XLR plugs on 24-inch lengths of premium shielded microphone cable. The low-profile chassis is fabricated from heavy-gauge steel with pre-drilled holes for mounting to flat surfaces, and is finished in a textured black epoxy for durability. Power is supplied from a UL listed plug-in wall mount transformer, which is permanently attached to the unit to prevent accidental connection to power adapters of the wrong voltage and rating.

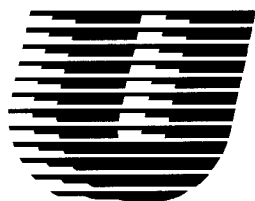
## Block Diagram



## Architect's and Engineer's Specifications

The dual phantom power supply shall provide 48 VDC on two inputs. The circuit shall provide isolation from crosstalk and noise pickup. Input connections shall be made on chassis-mounted female XLR connectors, while the outputs shall be fed to 24-inch lengths of shielded microphone cable terminated in male XLR connector plugs.

Power shall be supplied from a wall-mount plug-in transformer that is permanently attached to the unit. The chassis shall be made of heavy-gauge steel, finished in black epoxy paint, and shall measure 4.6" x 1.6" x 1.3" (11.7cm x 4.1cm x 3.3cm). The University Sound Model 348-PHS has been specified.



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