



# PS-20 Specifications

## General

Input Voltage: 90 to 264 VAC, 50 to 60 Hz  
Output Voltage: 28 VDC to 32 VDC  
Output Current: 2.00 Amps Maximum per channel  
Termination Impedance: Selectable 200  $\Omega$  / 400  $\Omega$   
1.8 Amps maximum per channel  
Ripple: < 0.2 V  
Program Input Levels:  
Nominal +2 dBu  
Balanced, High Impedance >10 k $\Omega$   
Two-Wire Output Levels:  
Nominal 30 VDC  
Unbalanced, selectable 200  $\Omega$  / 400  $\Omega$   
Monitor Output:  
Nominal Gain of 0 dB for 1000 mVRMS input level on  
the program input. 30 VDC nominal, 100 mA maximum.  
Audio Link: Nominal input 2 dBu with a Gain of 0 dB

## Connections

Type: 3-pin XLR male (RTS 2-channel Mode)  
Pin 1 Common for Audio and DC  
Pin 2 30 VDC and Mixed Audio Channel 1  
Pin 3 30 VDC and Mixed Audio Channel 2  
Type: 3-pin XLR male (RTS 4-channel Mode)  
Pin 1 Common for Audio and DC  
Pin 2 30 VDC and Mixed Audio Channel 1 or 3  
Pin 3 Mixed Audio Channel 2 or 4  
Type: 3-pin XLR male (Clear-Com Mode)  
Pin 1 Common for Audio  
Pin 2 30 VDC  
Pin 3 Mixed Audio Channel 1 or 2

## Program Input

Type: 3-pin XLR female  
Pin 1 Common  
Pin 2 Balanced Audio + Input  
Pin 3 Balanced Audio - Input

## Audio Link

Input ¼" Stereo Phono Jack  
Tip: CH1  
Ring: CH2  
Sleeve: Ground

Output ¼" Stereo Phono Jack  
Tip: CH3  
Ring: CH4  
Sleeve: Ground

## AC Input

Type: Universal AC Plug  
Pin 1 Hot  
Pin 2 Neutral  
Pin 3 Earth Ground

## Monitor Output

Type: 3-pin XLR male (RTS 2-channel Mode)  
Pin 1 Common for Audio and DC  
Pin 2 30 VDC and Mixed Audio Channel 1  
Pin 3 30 VDC and Mixed Audio Channel 2

Type: 3-pin XLR male (RTS 4-channel Mode)  
Pin 1 Common for Audio and DC  
Pin 2 30 VDC and Mixed Audio Channel 1  
Pin 3 Mixed Audio Channel 2

Type: 3-pin XLR male (Clear-Com Mode)  
Pin 1 Common for Audio  
Pin 2 30 VDC  
Pin 3 Mixed Audio Channel 1 or 2

## Environmental

Operating Temperature: 0° C - 50° C (32° F to 122° F)  
Storage: -40° C to 70° C (-40° F to 158° F)  
Humidity: 0 to 95%, non-condensing

## Dimensions and Finish

Height: 1.72" (44 mm) - 1 RU  
Width: 8.186" (207.9 mm)  
Weight: Under 5lbs.

Finish: Thermoplastic front panel, Aluminum case, RTS  
light gray paint - black silkscreen.

Mounting: MCP Style rack kit or (included rubber  
adhesive feet).

## Ordering Information

### PS-20

Power Supply  
Catalog Number:  
90007854000 US Power Cord  
90007854100 Euro Power Cord  
90007854200 UK Power Cord

This specifications information is preliminary and is subject to change without notification.  
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