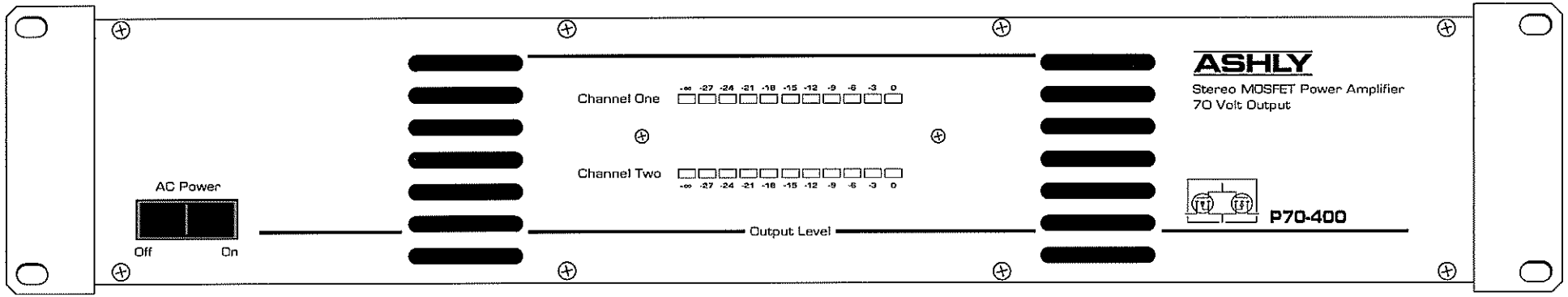


ARCHITECTS SPECIFICATIONS

P70-400

The power amplifier, being of two channels, shall deliver a minimum power of 200 watts per channel into a 70 volt line with both channels operating. When switched into bridged mono mode, it shall deliver at least 400 watts into a 140 volt line. The amplifier shall be immune to damage from shorted, open, or mismatched loads. The amplifier shall have a gain of 32dB ± .2dB per channel and an input sensitivity of 1.77 Volts ± 2% for full rated output. Frequency response shall be 20Hz- 20kHz +0/-.4dB. It shall be stable into any load including pure capacitors and inductors. Hum and noise shall be at least 105dB below full output and SMPTE intermodulation distortion shall be less than .05% at full output.

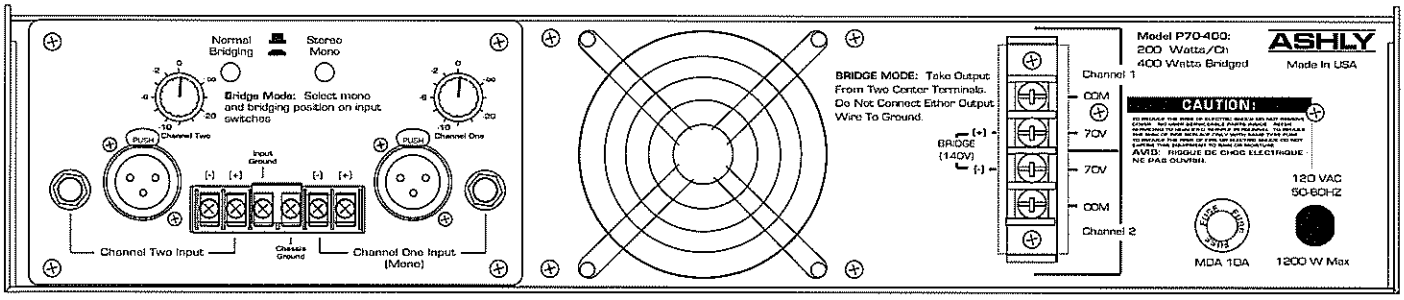
The amplifier shall have rear panel switching for mono and bridging modes and rear mounted level controls. The inputs shall be balanced bridging type with barrier strip, 1/4" phone jack, and female XLR connectors. A three-color LED type indicator shall be employed to show the power level of each channel and self contained forced air cooling shall be used. The power output devices shall be of the Lateral MOS-FET type. The amplifier shall weigh 38lbs net and mount in a standard 19 inch rack using three spaces (3.5" high). The power requirement shall be 110-125VAC, 50-60Hz.
The power amplifier shall be an Ashly P70-400.

- U.L. Listed
- 5-Year Worry-Free Warranty
- MOS-FET Output Devices
- Class-A Full Complementary Front End
- Modular Construction
- XLR, 1/4", and Barrier Strip Inputs
- Stereo 70 Volt or Mono 140 Volt Modes
- LED Level Meters
- Forced Air Cooling
- Stable Into Any Load
- Self Protecting Under Virtually All Conditions
- Input Transformers Optionally Available
- PowerCard Input Option Ready

General Specifications P70-400

POWER OUTPUT	
EIA SPECIFICATION	
(±1dB <1% THD 20Hz-20kHz)	
STEREO (Rated Per Channel)	200 Watts at 70 Volts RMS
MONO BRIDGED	400 Watts at 140 Volts RMS
FTC SPECIFICATION	
(min power <.1% SMPTE IMD)	
STEREO (Rated Per Channel)	160 Watts at 70 Volts RMS
MONO BRIDGED	320 Watts at 140 Volts RMS
Total Harmonic Distortion:	<.05% 20Hz-1kHz
(at rated power)	<.1% 20kHz
Damping Factor:	>500 into 25Ω
Bandwidth:	100kHz
Slew Rate:	>20 V/μS
Frequency Response:	+0/-.4dB 20Hz-20kHz
Full Power Input Sensitivity:	1.77V
Input Impedance:	20kΩ Balanced
Hum and Noise (Unweighted):	>105dB below full output
Power Requirements:	110-125VAC, 50-60Hz, 800W max, 75W idle
Size:	19"L x 3.5"H x 16.5"D
Shipping Weight:	45 lbs

P70-400 (back)

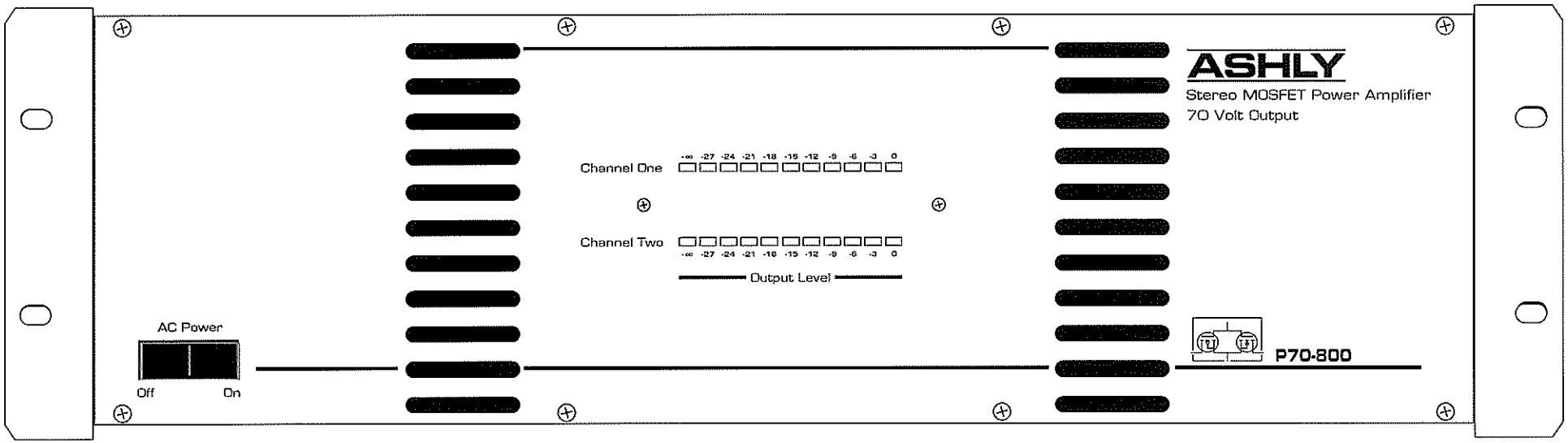


Applications

Distributed Paging Systems, Distributed Ballroom and Background Music Systems, Theme Parks, Sports Stadiums

Ashly also manufactures a complete and comprehensive line of Electronic Crossovers, Conventional Power Amplifiers, Compressor-Limiters, Noise Gates, Graphic and Parametric Equalizers, Mixers and Amplifier Input Options. Please call or write for information on any of these Ashly Products.

Ashly Audio Inc., 100 Fernwood Ave, Rochester, NY 14621, Toll Free (800) 828-6308, Telephone (716) 544-5191, FAX (716) 266-4589



ARCHITECTS SPECIFICATIONS

P70-800

The power amplifier, being of two channels, shall deliver a minimum power of 400 watts per channel into a 70 volt line with both channels operating. When switched into bridged mono mode, it shall deliver at least 800 watts into a 140 volt line. The amplifier shall be immune to damage from shorted, open, or mismatched loads. The amplifier shall have a gain of 32dB ± .2dB per channel and an input sensitivity of 1.77 Volts ± 2% for full rated output. Frequency response shall be 20Hz- 20kHz +0/-.4dB. It shall be stable into any load including pure capacitors and inductors. Hum and noise shall be at least 105dB below full output and SMPTE intermodulation distortion shall be less than .05% at full output.

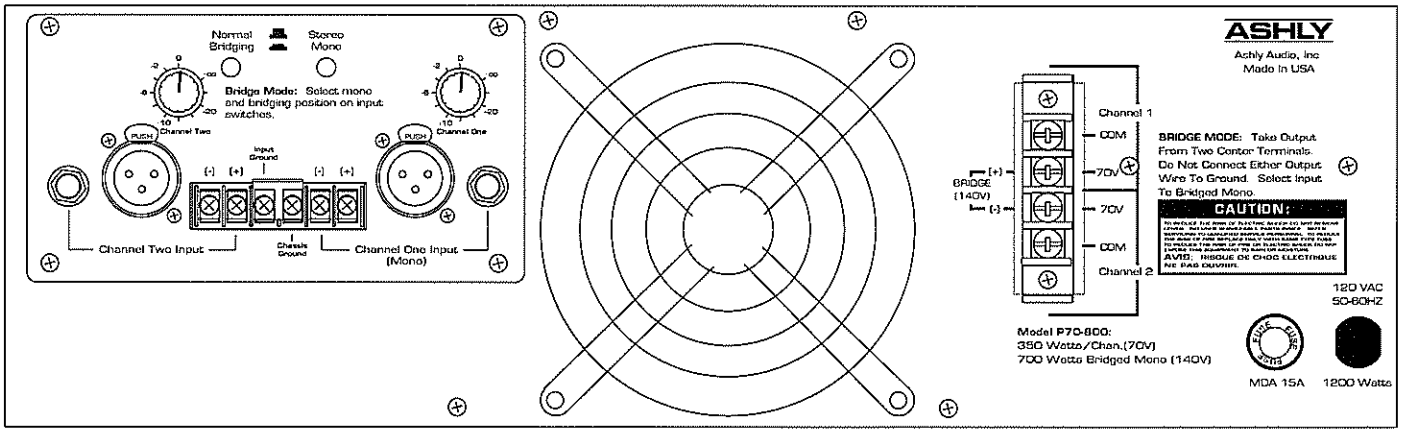
The amplifier shall have rear panel switching for mono and bridging modes and rear mounted level controls. The inputs shall be balanced bridging type with barrier strip, 1/4" phone jack, and female XLR connectors. A three-color LED type indicator shall be employed to show the power level of each channel and self contained forced air cooling shall be used. The power output devices shall be of the Lateral MOS-FET type. The amplifier shall weigh 55lbs net and mount in a standard 19 inch rack using three spaces (5.25" high). The power requirement shall be 110-125VAC, 50-60Hz. The power amplifier shall be an Ashly P70-800.

- U.L. Listed
- 5-Year Worry-Free Warranty
- MOS-FET Output Devices
- Class-A Full Complementary Front End
- Modular Construction
- XLR, 1/4", and Barrier Strip Inputs
- Stereo 70 Volt or Mono 140 Volt Modes
- LED Level Meters
- Forced Air Cooling
- Stable Into Any Load
- Self Protecting Under Virtually All Conditions
- Input Transformers Optionally Available
- PowerCard Input Option Ready

General Specifications P70-800

POWER OUTPUT	
EIA SPECIFICATION	
(±1dB <1% THD 20Hz-20kHz)	
STEREO (Rated Per Channel)	400 Watts at 70 Volts RMS
MONO BRIDGED	800 Watts at 140 Volts RMS
FTC SPECIFICATION	
(min power <.1% SMPTE IMD)	
STEREO (Rated Per Channel)	320 Watts at 70 Volts RMS
MONO BRIDGED	640 Watts at 140 Volts RMS
Total Harmonic Distortion:	<.05% 20Hz-1kHz
(at rated power)	<.1% 20kHz
Damping Factor:	>500 into 12.5Ω
Bandwidth:	100kHz
Slew Rate:	>20 V/μS
Frequency Response:	+0/-.4dB 20Hz-20kHz
Full Power Input Sensitivity:	1.77V
Input Impedance:	20 kΩ Balanced
Hum and Noise (Unweighted):	>105dB below full output
Power Requirements:	110-125VAC, 50-60Hz, 1600W max, 150W idle
Size:	19"L x 3.5"H x 16.5"D
Shipping Weight:	63 lbs

P70-800 (back)



Applications

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