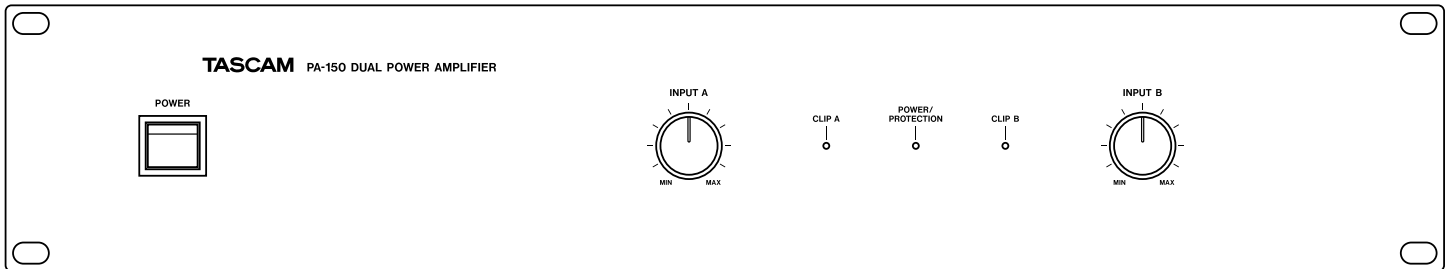


PA-150

PRELIMINARY

**Front Panel-PA-150**

Every personal, project or major recording studio needs power. And when it comes to monitoring signals from mixers, MIDI equipment and other gear, you need to power those nearfield or studio monitor speakers. Clean sound, space consciousness, high-performance and flexibility are your criteria. And that's exactly what makes the TASCAM PA-150 an ideal fit for personal and project studios or for major studios looking for a high-value power amp for a B suite or off-line editing room. With its dual power, switchable stereo/mono design, it excels in control room and recording studio applications — whether powering single speakers, stereo pairs or bridged series.

As with all TASCAM studio equipment, the PA-150 is built to last and will provide years of trouble free operations. With semiconductor circuitry, a convection-cooled heat sink and a rugged power transformer, the PA-150 delivers up to 150W per channel of pristine sound in a compact 2U, rack mountable design.

Balanced and Unbalanced Connections

You won't have to worry about using the PA-150 today — or tomorrow. With both balanced and unbalanced connectors, it will easily integrate into any studio. The back panel inputs are optimized for +4 dBm and -10 dBV levels, minimizing gain staging to a single front panel sensitivity control. Also on the rear panel, is a stereo/BTL mode selector switch that enables you to take advantage of the PA-150's Dual Power Design. That means it can be used to pump out stereo or mono signals. Of course, solid speaker wire terminals are well labeled and make it easy to set up for bridged mono or stereo use. Setup is quick and simple.

You Need Power, Performance and Protection

The PA-150 sounds great and delivers 150W per channel at 4 ohms or 115W per channel at 8 ohms. And with an extremely flat frequency response of 20Hz-20kHz at less than .08% THD, it delivers a clean, transparent signal perfect for recording studio monitoring applications. And while the PA-150 packs enormous headroom, you'll be pleased to know that it will warn you if your signals get too hot with its bright LED clip indicators for each channel.

- Stereo/BTL mode select switch
- Balanced and unbalanced inputs
- 150W per channel at 4 ohms
- 115W per channel at 8 ohms
- Accepts balanced XLR or 1/4" jacks
- Connect your speaker wires for stereo or bridged mono use
- Power indicator turns red whenever the PA-150 is protecting

SPECIFICATIONS

FRONT PANEL

Power switch	Seesaw
Volume control	Rotary x 2 (CH-A/CH-B)
Power/Protect indicator	LED (green/red)
Clip indicator	LED (red) x 2 (CH-A/CH-B)

REAR PANEL

Speaker terminal	(Screw x 2) x 2 (CH-A, CH-B)
Balanced input terminal	XLR x 2 (CH-A, CH-B)
Unbalanced input terminal	RCA (CH-A/CH-B)
Voltage selector switch	Slide (230V/115V)
Mode selector switch	Slide (Stereo/BTL)
Cooling fan	DC brushless motor (12V)
AC cord	SPT-2, 2m

DIMENSIONS

W= 19 9/32" 482mm (430mm, without front panel)
 H= 4 3/32" 102mm (88mm, without foot)
 D= 12 31/32" 324 (290mm, without knob and terminal)

NET WEIGHT

20.9 lbs (9.5kg)

OUTPUT LOAD

Speaker output MIN Stereo = 4W MIN, BTL = 8W

MAXIMUM POWER CONSUMPTION

650W

AC POWER REQUIREMENT

230V/115V, 50Hz-60Hz (EX/T)
 120V, 60Hz (T/C)

SAFETY REGULATION

LA (EX/T)/NRTL/C or cUL(T/C)

ELECTRICAL SPECIFICATIONS

Condition (EX/T, T/C)	
AC power line voltage	120V
Power line frequency	60Hz

Output Power (Volume: MAX)

Nominal Limit
 20Hz-20kHz, 8W, 0.08% THD
 Stereo 105W x 2 100W x 2
 20Hz-20kHz, 4W, 0.6% THD
 Stereo 150W x 2 140W x 2
 1kHz, 8W, 0.4% THD BTL
 310W 300W

Total Harmonic Distortion

Stereo	115W x 2 8W
20Hz, 1kHz	0.06% 0.08%
20kHz	0.6% 0.8%
Stereo	150W x 2 4W
20Hz, 1kHz	0.06% 0.08%
20kHz	0.6% 0.8%

IMD (Volume: MAX)

60Hz:7kHz = 4:1 0.1% 0.2%

80W x 2, 8W

Frequency Response (-3dB) (Volume: 1W Output/500mV Input)

RCA

Stereo	5Hz/100kHz 10Hz/80kHz
BTL	5Hz/ 70kHz 10Hz/60kHz

XLR

Stereo	5Hz/ 40kHz 10Hz/30kHz
BTL	5Hz/ 35kHz 10Hz/30kHz

Input Sensitivity at Non-Clip (Volume: MAX)

RCA

Stereo(8W/4W)	1V 1V ±0.1V
BTL	1V 1V ±0.1V

XLR

Stereo (8W/4W)	1.6V 1.6V ± 0.1V
BTL (8W)	1.6V 1.6V ± 0.1V

Input Impedance (Volume: MAX)

RCA	15k ohms
XLR	30k ohms

Crosstalk (-3dB from Non-Clip) (Volume: 1W Output/500mV Input)

Input Open

RCA	50dB 44dB
XLR	50dB 44dB

Specifications and features subject to change without notice or obligation.



For more information about other TASCAM FAXBACK literature, call 1-800-827-2268.

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