TASCAM_®

PA-20mkII & PA-150

Technical Documentation

PRODUCT OVERVIEW

TASCAM's PA-20mkII and PA-150 power amps are designed to offer affordability and reliability for installed or portable applications. The amps have balanced and unbalanced inputs for flexible integration into any system. Front panel level controls make for easy adjustments for audio levels. For increased power on mono application, both amps can be bridged. The PA-20mkII also offers a convenient headphone jack on the front panel.

TASCAM In-the tour Point Air-Lines

PA-20mkII:

- 25W RMS @ 8 Ohms per side
- 50W RMS @ 8 Ohms bridged mono
- Balanced XLR and unbalanced RCA inputs
- Single Rack Space-Saving Design

PA-150:

- 150W @ 4 Ohms, 120W @ 8 Ohms per side
- 230W @ 8 Ohms bridged mono
- Balanced XLR and unbalanced RCA inputs
- 2U Rack Space Chassis

APPLICATIONS

The PA-20mkII and PA-150 offer professional features at an affordable price point, fitting a number of applications:

Home Studio

The PA-20mkII offers suitable power for near field monitors, or for driving consumer speakers when testing different listening conditions. The addition of the headphone jack allows for easy personal monitoring at night, in apartments, or during overdubs.

The PA-150's increased power can drive more demanding near-field monitors, mid-field monitors, or small public address systems.

Installations • Kiosks

The PA-20mkII's compact size and light weight is ideal for portable systems, or permanent installations. Whether the task is multimedia kiosks or small background music systems, the PA-20mkII offers plenty of power without taking up a large mount of space or making additional noise.

For more entertainment driven kiosks which are using sound to attract people's attention, or for systems that need to overcome more ambient noise, the PA-150 will deliver the power needed without taking tremendous energy drain, or creating excessive heat.

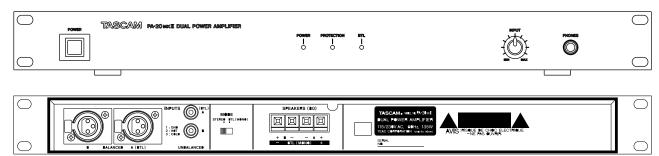
SPECIFICATIONS

	PA-20mkII	PA-150
Rated Power Output	25W/side @ 8 ohms	150W/side @ 4 ohms
	50W bridged @ 8 ohms	120W/side @ 8 ohms
		230W bridged @ 8 ohms
Input Terminals	2x RCA (-10dBV)	2x RCA (-10dBV)
	2x XLR (+4dBm)	2x XLR (+4dBm)
Total Harmonic Distortion	<0.05% at max load	<0.06% at max load
	(@ 8 ohm stereo)	(@ 8 ohm stereo)
Intermodulation Distortion	<0.2% (70Hz:7kHz = 4:1)	<0.1% (60Hz:7kHz = 4:1)
Dampening Factor	80 minimum	45 minimum,
	(8 ohm, 20Hz-20kHz)	(8 ohm, 20Hz-20kHz)
Hum and Noise	85dB below rated output	90dB below rated output
Minimum Load Impedance	8 ohm, stereo mode	4 ohm, stereo mode
	8 ohm, bridged mono	8 ohm, bridged mono
Protection Circuits	DC balance voltage	DC balance voltage
	protector, output power	protector, output power
	overload protector	overload protector and
		temperature detector
Power Requirements	230V/115V AC, 50-60Hz	230V/115V AC, 50-60Hz
Weight	4.5kg, 9.9 lbs	8.8kg, 19.4 lbs
Dimensions	482mm x 44mm x 290mm	482mm x 88mm x 290mm
	19" x 1 11/16" x 11 7/16"	19" x 3 7/16" x 11 7/16"



FRONT AND BACK PANELS

PA-20mkII



PA-150

