

## Power Amplifiers

### MAIN APPLICATIONS

- Amplification for live sound reinforcement speaker systems in clubs
- Discos
- Piano bar
- Conference halls
- Houses of worship
- Sports
- Arenas and theatres
- Schools
- Mobile D.J. use
- Recording studio monitors
- Foreground music reproduction, etc.



### DESCRIPTION

Tour tough built, sleek design, impressive specs, excellent cost per watt performance, efficient under any application. With these credentials, FBT proudly presents the new AX series of power amplifiers, the perfect power mates for sound reinforcement speaker systems. The AX series consists in four 2HU rackmount models, from 800 to 3000 watts, all designed with sophisticated power amp circuits for improved quality, stability and reliability, all equipped with Stereo-Parallel-Bridge operation mode, dB sensitivity switch (26-29-32dB), limiter, ground lift, XLR/Jack inputs (plus extra RCA input on AX 800), Speakon/Binding posts outputs.

### TECHNICAL SPECIFICATIONS

		AX 800	AX 1200	AX 2000	AX 3000
Both channels driver Stereo - 8Ohm (continuous / impulsive)	1% THD W RMS	230/250	340/350	630/650	880/950
Both channels driver Stereo - 4Ohm (continuous / impulsive)	1% THD W RMS	350/400	460/600	840/1000	1300/1500
Bridge 8Ohm (continuous/impulsive)	W RMS	700/800	920/1200	1680/2000	2600/3000
Frequency response (@-1dB)	Hz	20 - 40k	20 - 40k	20 - 40k	20 - 40k
Class		AB	H - 2 step	H - 2 step	H - 2 step
Signal to noise ratio (a weight)	dB	>100	>100	>100	>100
THD	50% Pmax	<0.03%	<0.03%	<0.03%	<0.03%
Damping factor		>400	>400	>400	>230
Input impedance	Ohm	20k balanced	20k balanced	20k balanced	20k balanced
Protections		Short circuit/thermal	Short circuit/thermal	Short circuit/thermal	Short circuit/thermal
Power supply	Vac / Hz	120 or 230 / 50-60	120 or 230 / 50-60	120 or 230 / 50-60	120 or 230 / 50-60
Power consumptions	VA	1000	1300	2400	3600
Connectors	Input	XLR/Jack	XLR/Jack	XLR/Jack	XLR
	Output	Speakon/Binding post	Speakon/Binding post	Speakon/Binding post	Speakon
Net dimensions (WxHxD)	mm	482 x 88 x 290	482 x 88 x 367	482 x 88 x 452	482 x 88 x 458
	inch	18.98 x 3.46 x 11.42	18.98 x 3.46 x 14.45	18.98 x 3.46 x 17.8	18.98 x 3.46 x 18.03
Net weight	kg	9.60	12.60	19.80	23.20
	lb	21.16	27.77	43.65	51.14
Transport dimensions (WxHxD)	mm	560 x 175 x 390	560 x 175 x 465	560 x 175 x 500	560 x 175 x 555
	inch	22.05 x 6.89 x 15.35	22.05 x 6.89 x 18.31	22.05 x 6.89 x 19.69	22.05 x 6.89 x 21.85
Transport weight	kg	11.60	14	21.50	25.10
	lb	25.57	30.86	47.39	55.33