Powered Mixer

NPE® AUDIO PRODUCTS

PROFESSIONAL P.A. SOUND SYSTEM PROFESSIONAL P.A. SOUND SYSTEM PROFESSIONAL P.A. SOUND SYSTEM PROFESSIONAL P.A.

FET-Series

SPECIFICATIONS : FET 200-250II

Mixer Section :		
Frequency Response @ Pre Output	Mic Input AUX Input	25Hz-25kHz0,-3dB 15Hz-25kHz0,-3dB
Distortion (THD) Frequency 1kHz	Max all output	Better than 0.05%
Channel Equalizer		BASS 40Hz +/- l6dB HIGH l6kHz +/- l6dB
Master Equalizer		BASS 40Hz +/- 16dB MID 700Hz+/- 12dB HIGH l6kHz+/- l6dB
Hum & Noise (Master at Max. and Flat, Volume at min)		-65dBu
GAIN	Mic Input Line Input Return Input	56dB 26dB 18dB
Input Impedance	Microphone Input	>10kOhm
All unbalanced Inputs	Line Input Return Input	>47kOhm >47kOhm

Power Amplifier Section :	FET-200II	FET-250II
Input Sensitivity	0.680Vrms. at 4Ω	0.870Vrms. at 4Ω
Input Impedance	>22kOhm	>22kOhm
Frequency Response	20Hz-12Hz +/-1dB	20Hz-12kHz +/-1dB
Power Rating Output	2 Ohm 205w 4 Ohm l50w 8 Ohm 90w	2 Ohm 275w 4 Ohm 190w 8 Ohm 110w
Distorion (THD) Frequency 1kHz	Better than 0.05%	Better than 0.05%
Signal to noise	90dB	90dB

General :	FET-200II	FET-25OII
Power Requirement	AC 220 volts	AC 220 volts
Dimensions (W x H x D) (Exclude knobs&connector)	483x133x357mm.	483x133x357mm.
Weight kgs/lbs Exclude pack carton	15/33	17/37.4

SPECIFICATIONS : FET 300-350II

Mixer Section :

Frequency Response :.....MIC 20Hz-15kHz0,-3dB
.....AUX 5Hz-20kHz 0,-1 dB
Input Sensitivity :.....MIC -48dBu, AUX-24dBu,
.....EFFECT -10dBu
Input Impedance : MIC 20kΩ bal, AUX 47kΩ unbal
.....EFFECT 47kΩ unbal
Signal to Noise Ratio :.....MIC >55dB
.....AUX >65dB (2OHz-20kHz)
THD @+4dBu 1kHz :.....<0.1% (20Hz/20kHz)
Channel EQ :...LOW 60Hz+/-15dB (Shelving)
.....HIGH 10kHz+/-15dB (Shelving)
Master EQ :.....LOW 50Hz+/-18dB (Shelving)
.....HIGH 10kHz+/-15dB (Shelving)
.....MID 630Hz+/-9dB (Peaking)
Maximum Voltage :.....All Output 9Vrms

Power Amp Section :

Power Rating :
FET-300 : 130W.rsm@8Ω 1kHz, THD
.....<0.06%, 1/P 1.23dBu
.....: 200 W.rms@4Ω 1kHz, THD
.....<0.8%, I/P 0dBu
FET-350 : 140W.rms@8Ω 1kHz, THD
.....<0.05%, 1/P 1.5dBu
.....: 230 W.rms@4Ω 1kHz, THD
.....<0.07%, 1/P 1.2dBu
Frequency Response : 5Hz -60kHz+0,
.....-1dB
Signal to Noise Ratio :.....>70dB
.....(20Hz-20kHz)
Input Impedance :.....15kΩ
Dimensions : (W x H xD).....
FET-300, FET-350 : 483x177x445mm.
Net Weight :.....FET-300...19.4kg.
.....FET-350...20kg.

SPECIFICATIONS : FET 450-550II

Mixer Section :

Frequency Response :.....MIC 20Hz-15kHz0,-3dB
.....AUX 5Hz-20kHz 0,-1dB
Input Sensitivity :.....MIC -48dBu, AUX-24dBu,
.....EFFECT -10dBu
Input Impedance :MIC 20kΩ bal, AUX 47kΩ unbal
.....EFFECT 47TkΩ unbal
Signal to Noise Ratio :.....MIC >55dB
.....AUX >65dB (20Hz-20kHz)
THD @+4dBu 1kHz :.....<0.1% (20Hz/20kHz)
Channel EQ :...LOW 60Hz+/-15dB (Shelving)
.....HIGH 10kHz+/-15dB (Shelving)
Master EQ :.....LOW 50Hz+/-18dB (Shelving)
.....HIGH 10kHz+/-15dB (Shelving)
.....MID 630Hz+/-9dB (Peaking)
Maximum Voltage :.....All Output 9Vrms

Power Amp Section :

Power Rating :
FET-450 : 230W.rms@8Ω 1kHz, THD
.....<0.06%, 1/P 3.7dBu
.....: 400W.rms@ 4Ω 1kHz, THD
.....<0.8%, 1/P 3dBu
FET-550 : 290W.rms@8Ω 1kHz,THD
.....<0.05%, 1/P 4.8dBu
.....: 470W.rms@4Ω 1kHz,THD
.....<0.07%, 1/P 3.8dBu
Frequency Response : 5Hz -60kHz+0,
.....-1dB
Signal to Noise Ratio :.....>70dB
.....(20Hz-2okHz)
Input Impedance :.....15kΩ
Dimensions : (W x H xD).....
FET-450, FET-550 : 483x177x445mm.
Net Weight :.....FET-450...22.2kg.
.....FET-550...23.2kg.