

Powered Mixer



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	25Hz-25kHz0,-3dB
	AUX Input	15Hz-25kHz0,-3dB
Distortion (THD) Frequency 1kHz	Max all output	Better than 0.05%
Channel Equalizer		BASS 40Hz +/- 16dB HIGH 16kHz +/- 16dB
Master Equalizer		BASS 40Hz +/- 16dB MID 700Hz +/- 12dB HIGH 16kHz +/- 16dB
Hum & Noise (Master at Max. and Flat, Volume at min)		-65dBu
GAIN	Mic Input	56dB
	Line Input	26dB
	Return Input	18dB
Input Impedance	Microphone Input	>10kOhm
All unbalanced Inputs	Line Input	>47kOhm
	Return Input	>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 150w 8 Ohm 90w	2 Ohm 275w 4 Ohm 190w 8 Ohm 110w
Distortion (THD) Frequency 1kHz	Better than 0.05%	Better than 0.05%
Signal to noise	90dB	90dB

General :	FET-200II	FET-250II
Power Requirement	AC 220 volts	AC 220 volts
Dimensions (W x H x D)	483x133x357mm.	483x133x357mm.
(Exclude knobs&connector)		
Weight kgs/lbs Exclude pack carton	15/33	17/37.4

SPECIFICATIONS : FET 300-350II

Mixer Section :	Power Amp Section :
Frequency Response :MIC 20Hz-15kHz0,-3dBAUX 5Hz-20kHz 0,-1 dB	Power Rating : FET-300 : 130W.rms@8Ω 1kHz, THD<0.06%, 1/P 1.23dBu: 200 W.rms@4Ω 1kHz, THD<0.8%, 1/P 0dBu
Input Sensitivity :MIC -48dBu, AUX-24dBu,EFFECT -10dBu	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
Input Impedance : MIC 20kΩ bal, AUX 47kΩ unbalEFFECT 47kΩ unbal	Frequency Response : 5Hz -60kHz+0,-1dB
Signal to Noise Ratio :MIC >55dBAUX >65dB (20Hz-20kHz)	Signal to Noise Ratio :>70dB(20Hz-20kHz)
THD @+4dBu 1kHz :<0.1% (20Hz/20kHz)	Input Impedance :15kΩ
Channel EQ :LOW 60Hz+/-15dB (Shelving)HIGH 10kHz+/-15dB (Shelving)	Dimensions : (W x H x D)..... FET-300, FET-350 : 483x177x445mm.
Master EQ :LOW 50Hz+/-18dB (Shelving)HIGH 10kHz+/-15dB (Shelving)	Net Weight :FET-300...19.4kg.FET-350...20kg.
.....MID 630Hz+/-9dB (Peaking)	
Maximum Voltage :All Output 9Vrms	

SPECIFICATIONS : FET 450-550II

Mixer Section :	Power Amp Section :
Frequency Response :MIC 20Hz-15kHz0,-3dBAUX 5Hz-20kHz 0,-1dB	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
Input Sensitivity :MIC -48dBu, AUX-24dBu,EFFECT -10dBu	FET-550 : 290W.rms@8Ω 1kHz,THD<0.05%, 1/P 4.8dBu: 470W.rms@4Ω 1kHz,THD<0.07%, 1/P 3.8dBu
Input Impedance : MIC 20kΩ bal, AUX 47kΩ unbalEFFECT 47kΩ unbal	Frequency Response : 5Hz -60kHz+0,-1dB
Signal to Noise Ratio :MIC >55dBAUX >65dB (20Hz-20kHz)	Signal to Noise Ratio :>70dB(20Hz-20kHz)
THD @+4dBu 1kHz :<0.1% (20Hz/20kHz)	Input Impedance :15kΩ
Channel EQ :LOW 60Hz+/-15dB (Shelving)HIGH 10kHz+/-15dB (Shelving)	Dimensions : (W x H x D)..... FET-450, FET-550 : 483x177x445mm.
Master EQ :LOW 50Hz+/-18dB (Shelving)HIGH 10kHz+/-15dB (Shelving)	Net Weight :FET-450...22.2kg.FET-550...23.2kg.
.....MID 630Hz+/-9dB (Peaking)	
Maximum Voltage :All Output 9Vrms	

Note: "0dBu=0.775Vrms, 0dBV=1Vrms

All features & specifications subject to change without notice. © NPE Industry (Thailand) Co.,Ltd October 2009

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