



Descriptions & Features

The Series of 1U Rack-mount Mixer Amplifiers are designed for background music/paging and public address system installations, with USB player, Bluetooth, FM tuner receiver, TF Card, EMC, Alarm.

The mixer amplifiers has 3 mic inputs (Mic 2 balanced and unbalanced optional). inputs and two line inputs. 60/120/240/350/500/660 watts of amplifier power are available with either 70/100-volt or 8 to 16 ohms(Ω) loads.

Also included a balanced line level output for adding additional power amplifiers.

The unit also features muting function that Alarm overrides EMC overrides MIC1 overrides (BT/FM/USB, MIC2, MIC3, AUX1, AUX2) with 0~30dB dB attenuation.

And features complete protection is provided for output short circuit, overload, high temperature, peak current limiters.

Widely used for any kind of public areas such as shops, supermarkets, schools, churches, stations, hotels etc.

※ **Power rates: 60W/120W/240W/350W/500W/660W available.**

※ Aluminium alloy panel with standard 19" 1U height.

※ TOSHIBA amplifier transistors.

※ 100% pure copper toroidal transformers.

※ USB player, Bluetooth, FM tuner receiver, TF Card, EMC, Alarm.

※ Using CLASS D power amplifier circuit, low heat generation and high efficiency.

※ MIC1 & MIC2 jacks, MIC2 & MIC3 supports 48V Phantom Power with switch ON/OFF. (Mic 2 balanced and unbalanced optional)

※ Individual volume controller for MIC & AUX inputs.

※ MASTER volume controller.

※ BASS and TREBLE tone controller.

※ Two key tone sounds: bell and alarm.

※ Bluetooth, USB, automatic playback function after power-on.

※ Dot matrix display LCD.

※ Power supply AC100-240V and DC24V (660W no DC24V).

※ With infrared remote control operation function, optional remote control

※ Protections of short circuit, overload, high temperature.

※ Individual LED indicator for POWER/SIGNAL/PROTECTION.

Specifications

Model number	FY-60DM	FY-120DM	FY-240DM	FY-350DM	FY-500DM	FY-660DM
Rated Output Power	60W	120W	240W	360W	480W	660W
Output Mode	8 - 16 ohms(Ω)Fixed resistance output					
	60W	100V(167 ohms(Ω))Constant voltage output				
	120W	100V(83 ohms(Ω))Constant voltage output				
	240W	100V(42 ohms(Ω))Constant voltage output				
	360W	100V(28 ohms(Ω))Constant voltage output				
	480W	100V(21 ohms(Ω))Constant voltage output				
	660W	100V(15 ohms(Ω))Constant voltage output				
Microphone Input	MIC1 / MIC2: 600 ohms(Ω)10mV,unbalanced (Mic 2 balanced and unbalanced optional)					
	MIC3: 600 ohms(Ω)10mV,balanced					
Line Input	AUX1 / AUX2:LINE:10K ohms(Ω)300mV,unbalanced					
Auxiliary Output	0.775V (0dB)					
Frequency Response	60Hz—20KHz (±3dB)					
Nonlinear Distortion	<0.5%at 1KHz,1/3 of rated output power					
S/N	Line: >80dB,MIC: >65dB					
Output Adjustment Rate	<3dB,from static to full load working state					
Tone Adjustment Range	BASS: 100Hz(±10dB),TREBLE: 10KHz(±10dB)					
Indicator Light	Power supply: PW, level indication: -20, -10, -3, CLIP					
Power Supply	AC100V~AC240V 50~60Hz&DC24V (660W no DC24V)					
Power Cord	(3×0.5mm²)×1.5M (standard)		(3×0.75mm²)×1.5M (standard)			
Power Consumption	90W	180W	360W	480W	720W	990W
Product Size	480mm*200mm*45mm		480mm*280mm*45mm			
Package Size	522mm*284mm*72mm		515mm*380mm*100mm			
Net Weight	2.3kg	3.5KG	3.6KG	3.7KG	3.9KG	4.3KG
Gross Weight	2.9kg	4.5KG	4.6KG	4.7KG	4.9KG	5.3KG