



TA-506M Plus

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TA-500M Plus SERIES

The 500M Plus series amplifiers come with 4 microphone inputs, 3 auxiliary inputs and a mag phone input. Microphone inputs may be used with unbalanced low impedance (30-600Ω) microphone.

Three auxiliary inputs are provided for high level signal sources such as recorder, mixer preamplifier, chime microphone and record player with ceramic or crystal type cartridge.

Speaker outputs are completed with 4Ω (usable 4-16Ω), 50V, 70V and 100V on the terminal strip.

An auxiliary output is equipped for a booster amplifier and a tape output is quipped for a tape recorder.

Each input volume can be controlled with the corresponding individual input volume control, and can further be adjusted by means of a master volume control and individual bass and treble tone controls.

Emergency operation can be made by DC power source (30W. 12V DC, 60W/120W. 24V DC), even in case of AC power failure.

DESK TYPE AMPLIFIERS GENERAL DESCRIPTION

The 500M Plus series mixer power amplifiers 30W, 60W and 120W are designed for PA system applications such as paging, announcement, intercommunication, background music and broadcasting in industrial plants, offices, schools, churches, department stores, shopping centers, night clubs, dining rooms, convention halls, auditoriums and recreation areas.

The primary feature enables them to withstand overload or short-circuit of output.

The 500 series amplifiers require no complicated protective circuit to withstand accidents and mismatched output connections that may occur during the installation or use of PA system because of the engineered circuitry design.

This results in very high reliability.

Power output	60W (RMS)/ 90W (MAX)
Frequency response	50~15kHz
S/ N ratio	80dB below Rated Power
MIC	60dB below Rated Power
Aux	70dB below Rated Power
Tone controls: Bass	Bass: ± 10 dB at 100Hz Treble: ± 10 dB at 10KHz
Input	input1~4 (Mic/ 24V Phantom-1,2,3,4) 600 Ω , 0.5mV (-66dB) Line/Aux 200K Ω , 100mV (-22dB)
Total harmonic distortion	less than 1%
Dimensions (W×D×H)	420×280×89mm (16.5"×11"×3.5")
Weight	7.8kg (17.20 lb)