

PA Amplifier with Phantom Power/ECHO/USB/SD & FM & Bluetooth SP-MA60/ SP-MA120/ SP-MA240/ SP-MA350/ SP-MA500



Features

- ✦ Public address (PA) commercial mixer power amplifier.
- ✦ 19" rack mount amplifier of 2U height, with rack mount ears.
- ✦ Rated outputs of 60W, 120W, 240W, 350W to 500W.
- ✦ Built-in Mp3 player by USB & SD, FM tuner and Bluetooth
- ✦ Speaker outputs of 100V or 70V and 4ohm-8ohm-16ohm.
- ✦ IR remote control for Mp3 player, FM radio and Bluetooth
- ✦ LED indicators for power, clip, protect and signal
- ✦ Mic1 in 6.35 phone jack, MIC2 and MIC3 with phantom power on rear panel.
- ✦ Microphone input or line switchable by DIP switch.
- ✦ Microphone1 of VOX features of highest input priority except EMC input.
- ✦ Line 3-4 input of RCA input and one RCA line.
- ✦ EMC input on rear panel with highest priority.
- ✦ Volume control for Mic1-3, line1-2, Mp3/FM, bass/treble and master.
- ✦ Overload, short circuit, clip and high temp protection.
- ✦ AC 110V or 230V and DC24V both operation system.

Specification

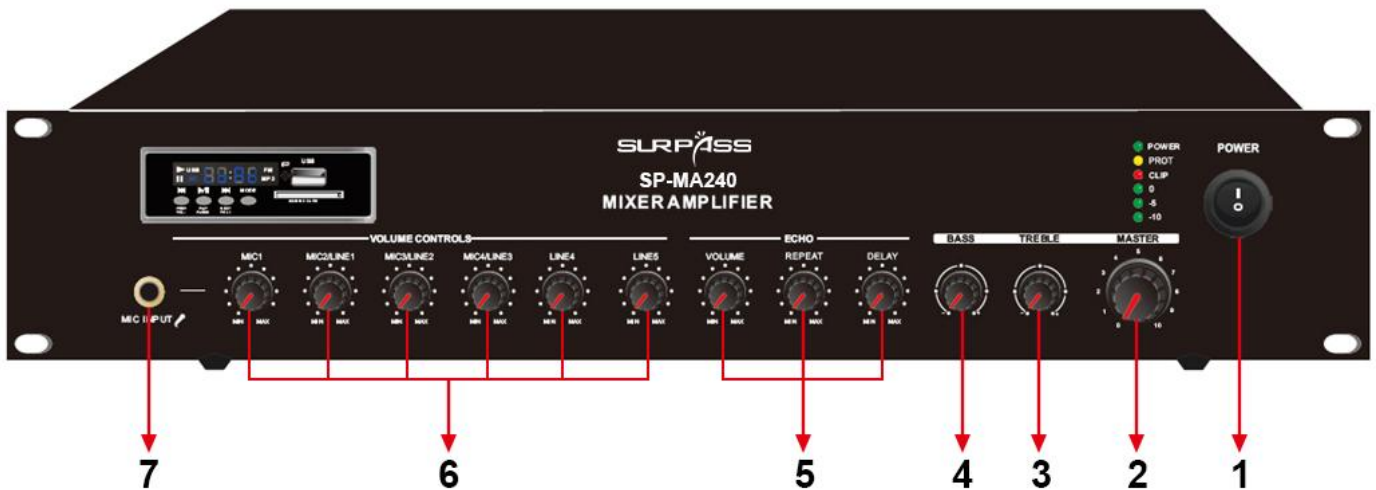
Model	SP-MA60	SP-MA120	SP-MA240	SP-MA350	SP-MA500
Description	Public Address System Mixer Amplifier				
Rated Power Output	60W	120W	240W	350W	500W
Speaker Output	70V, 100V & 4-16Ω				
Input	Mic1-3: 600 ohms(Ω) 5-8 mV, unbalanced, Line1-2: 10k ohms(Ω) 150-470 mV, unbalanced				
Frequency Response	60-15KHz				
THD	<0.5% at 1kHz, 1/3 rated power				
S/N Ratio	Line: 85 dB , MIC: >72 dB				
Protection	High temp, short circuit, overload protection				
Power Supply	AC230V or AC110V, 50-60Hz				
Power Consumption	85W	150W	310W	450W	650W
Dimension	484(W)×366(D)×88(H)mm				
Gross Weight	6.0kg	6.6kg	9.6kg	11.9kg	13.7kg

Application

It is ideal for BGM and speech use

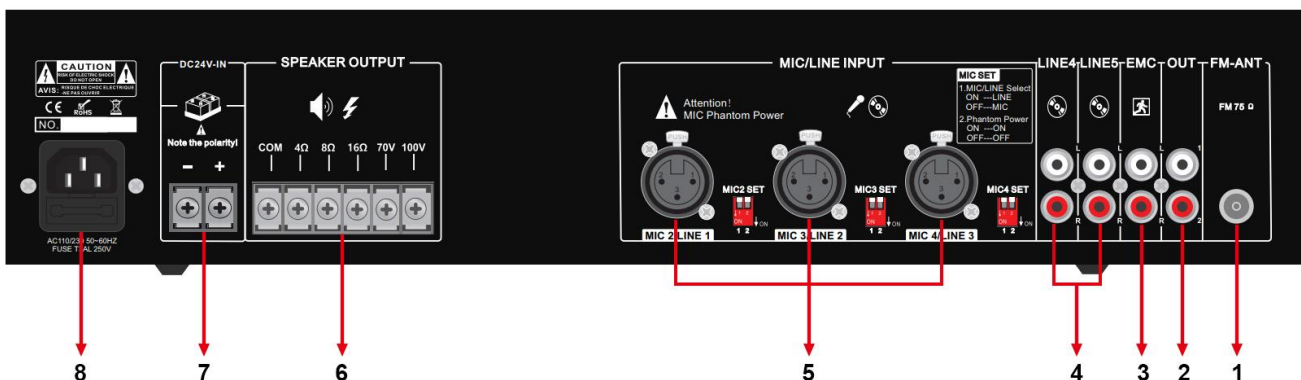
Mosque, School, Super Market, Bank, Hotel, Restaurant, Theme Centers and Shopping Center.

Front Panel



- | | |
|-------------------|---|
| 1. Power switch | 5. ECHO control |
| 2. Master control | 6. MIC 1 ,MIC 2/ LINE 1 ,MIC 3 /LINE 2, |
| 3. Treble control | MIC 4/LINE 3 & LINE 4 ,5 volume control |
| 4. Bass control | 7. MIC 1 Input |

Rear Panel



- | | |
|---------------------|--|
| 1. FM antenna jack | 5. MIC 2/LINE 1, MIC 3/LINE 2, MIC 4/LINE 3 Inputs |
| 2. Output jack | 6. Speaker output |
| 3. EMC Input | 7. DC 24V input |
| 4. Line 4, 5 Inputs | 8. AC power cord |