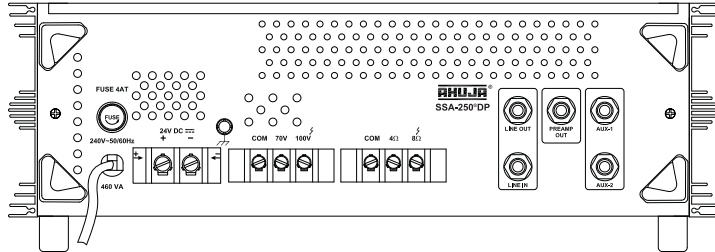


# PA Amplifiers with Built-in Digital Player



## SSA-250®DP

250 WATTS ■ AC & 24V DC Operation

- 6 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/ MMC card reader.
- Pre-amplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting SSA-250DP to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.



### SPECIFICATIONS

### SSA-250®DP

|                       |  |
|-----------------------|--|
| POWER OUTPUT          | 300W Max., 250W RMS at 10% THD<br>220W RMS at 5% THD, 200W RMS at 2% THD |
| OUTPUT REGULATION     | ≤ 2 dB, no load to full load at 1kHz                                     |
| INPUT CHANNELS        | 6 × Mic 0.65mV/4.7kΩ, 2 × Aux 100mV/470 kΩ<br>1 × Line 1V/50kΩ           |
| FREQUENCY RESPONSE    | 50-15,000Hz ±3dB   |
| SIGNAL TO NOISE RATIO | 60dB   |
| TONE CONTROLS         | Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz                             |
| OUTPUT                | Preamp 200mV/600Ω, Line 1V/1kΩ   |
| SPEAKER OUTPUT        | 4Ω, 8Ω, 70V & 100V   |
| DIGITAL PLAYER        | MP3 Player with USB, SD and MMC Card Reader                              |
| POWER SUPPLY          | AC: 220-240V 50/60Hz DC: 24V (2×12V Car Battery)                         |
| POWER CONSUMPTION     | AC: 460VA DC: 6A   |
| DIMENSIONS            | W450 × H160 × D340 mm  |
| WEIGHT                | 16.0kg   |

# PA Amplifiers with Built-in Digital Player

## SSA-160®DP

160 WATTS ■ AC & 24V DC Operation



- 5 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/ MMC card reader.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting SSA-160DP to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.
- 5 LED array for output level monitoring.

## SSB-120®DP

120 WATTS ■ AC & 12V DC Operation



- 5 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader.
- Line output for connecting to a Booster Amplifier and Preamplifier Output for recording the programme.
- Cut and Boost type Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.
- 5 LED array for output level monitoring.

### SPECIFICATIONS

|                       | SSA-160®DP   | SSB-120®DP  |
|-----------------------|--|---|
| POWER OUTPUT          | 220W Max., 160W RMS at 10% THD<br>140W RMS at 5% THD, 120W RMS at 2% THD | 160W Max., 120W RMS at 10% THD<br>105W RMS at 5% THD, 95W RMS at 2% |
| OUTPUT REGULATION     | ≤ 2 dB, no load to full load at 1kHz                                     | ≤ 2 dB, no load to full load at 1kHz                                |
| INPUT CHANNELS        | 5 × Mic 0.65mV/4.7kΩ, 2 × Aux 100mV/470 kΩ<br>1 × Line 1V/20kΩ           | 5 × Mic 0.65mV/4.7kΩ<br>2 × Aux 100mV/470 kΩ                        |
| FREQUENCY RESPONSE    | 50-15,000Hz ±3dB   | 50-15,000Hz ±3dB  |
| SIGNAL TO NOISE RATIO | 60dB   | 60dB  |
| TONE CONTROLS         | Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz                             | Bass: ±8dB at 100Hz, Treble: ±8dB at 10kHz                          |
| OUTPUTS               | Preamp 200mV/600Ω, Line 1V/1kΩ   | Preamp 200mV/600Ω, Line 1V/1kΩ                                      |
| SPEAKER OUTPUTS       | 4Ω, 8Ω, 70V & 100V   | 4Ω, 8Ω, 16Ω, 70V & 100V   |
| DIGITAL PLAYER        | MP3 Player with USB, SD and MMC Card Reader                              | MP3 Player with USB, SD and MMC Card Reader                         |
| POWER SUPPLY          | AC: 220-240V 50/60Hz, DC: 24V (2×12V Car Battery)                        | AC: 220-240V 50/60Hz, DC: 12V (12V Car Battery)                     |
| POWER CONSUMPTION     | AC: 300VA DC: 4A   | AC: 250VA DC: 5.5A  |
| DIMENSIONS            | W420 × H155 × D320 mm  | W420 × H135 × D295 mm   |
| WEIGHT                | 13.8kg   | 11.0kg  |

# PA Amplifiers with Built-in Digital Player



## DPA-770

75 WATTS ■ AC & 12V DC Operation

- 4 Mic & 1 Aux Input.
- Built-in MP3 player with USB reader and remote control.
- Line Output for connecting to a Booster Amplifier.
- Active Bass & Treble controls.
- Instant transfer to DC Power (Car Battery) if AC power fails.
- 5 LED array for output level monitoring.



## SPECIFICATIONS

### POWER OUTPUT

### DPA-770

100W Max., 75W RMS at 10% THD  
70W RMS at 5% THD

### OUTPUT REGULATION

≤ 2 dB, no load to full load at 1kHz

### INPUT CHANNELS

4 × Mic. 0.6mV/4.7kΩ  
1 × Aux 100mV/330kΩ

### FREQUENCY RESPONSE

50-15,000Hz ±3dB

### SIGNAL TO NOISE RATIO

55dB

### TONE CONTROLS

Bass: -10dB +7dB at 100Hz  
Treble: -10dB +7dB at 10kHz

### OUTPUTS

Line: 1V/3.5kΩ

### SPEAKER OUTPUTS

4Ω, 8Ω, 16Ω & 100V

### DIGITAL PLAYER

MP3 Player with USB Reader

### POWER SUPPLY

AC: 220-240V 50/60Hz

DC: 12-14V Car Battery

### POWER CONSUMPTION

AC: 140VA DC: 3A

### DIMENSIONS

W385 × H130 × D310 mm

### WEIGHT

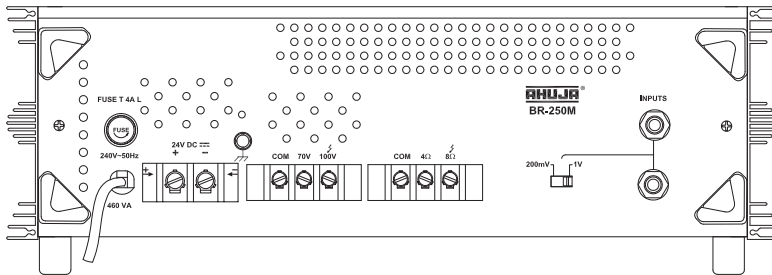
9.6kg

# High Power PA Amplifiers

## BR-250M

250 WATTS ■ AC & 24V DC Operation

- Line Input 200mV/1V switchable for connecting a mixer or another amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.
- By connecting four booster amplifiers BR-250M to one SSA-250M, the user can have a 1250W mono system.



### SPECIFICATIONS

POWER OUTPUT

### BR-250M

300W Max., 250W RMS at 10% THD  
220W RMS at 5% THD, 200W RMS at 2% THD

OUTPUT REGULATION

≤ 2 dB, no load to full load at 1kHz

INPUT CHANNELS

1 × Line 200mV/100kΩ

1 × Line 1V/50kΩ

FREQUENCY RESPONSE

50-15,000Hz ±3dB

SIGNAL TO NOISE RATIO

60dB

TONE CONTROLS

Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz

OUTPUTS

—

SPEAKER OUTPUTS

4Ω, 8Ω, 70V & 100V

POWER SUPPLY

AC: 220-240V 50/60Hz DC: 24V (2×12V Car Battery)

POWER CONSUMPTION

AC: 460VA DC: 6A

DIMENSIONS

W450 × H160 × D340 mm

WEIGHT

15.0kg

Ahuja model BR-250M is a cost-effective 250 watts PA Amplifier. It is designed to give high power clean sound and reliable, trouble free operation under extreme climatic conditions.

# Medium Power PA Amplifiers

## SSB-60®EM

60 WATTS ■ AC & 12V DC Operation

- 4 Mic & 1 Aux Inputs.
- Preamplifier Output for connecting to a Booster Amplifier and for recording the programme.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Cut type Bass & Treble Controls.

## SSB-45®EM

45 WATTS ■ AC & 12V DC Operation

- 3 Mic & 1 Aux Inputs.
- Preamplifier Output for connecting to a Booster Amplifier and for recording the programme.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Cut type Bass & Treble Controls.



All these models are compact, portable and ideal for most general purpose applications. These are ideal for use in small sized houses of worship and other similar applications. Since these also operate on 12V Car Battery, they are convenient for areas without continuous mains power supply

### SPECIFICATIONS

|                       | SSB-60®EM   | SSB-45®EM   |
|-----------------------|---|---|
| POWER OUTPUT          | 90W Max., 65W RMS at 10% THD<br>60W RMS at 5% THD,<br>50W RMS at 2% THD | 64W Max., 45W RMS at 10% THD<br>40W RMS at 5% THD,<br>30W RMS at 2% THD |
| OUTPUT REGULATION     | ≤ 2 dB, no load to full load at 1kHz                                    | ≤ 2 dB, no load to full load at 1kHz                                    |
| INPUT CHANNELS        | 4 × Mic 0.65mV/4.7kΩ,<br>1 × Aux 100mV/470 kΩ                           | 3 × Mic 0.65mV/4.7kΩ,<br>1 × Aux 100mV/470 kΩ                           |
| FREQUENCY RESPONSE    | 50-15,000Hz ±3dB  | 100-15,000Hz ±3dB   |
| SIGNAL TO NOISE RATIO | 60dB  | 60dB  |
| TONE CONTROLS         | Bass: -10dB at 100Hz,<br>Treble: -10dB at 10kHz                         | Bass: -10dB at 100Hz,<br>Treble: -10dB at 10kHz                         |
| OUTPUTS               | Preamp 200mV/600Ω   | Preamp 200mV/600Ω   |
| SPEAKER OUTPUTS       | 4Ω, 8Ω, 16Ω & 100V  | 4Ω, 8Ω, 16Ω & 100V  |
| POWER SUPPLY          | AC: 220-240V 50/60Hz<br>DC: 12V (12V Car Battery)                       | AC: 220-240V 50/60Hz<br>DC: 12V (12V Car Battery)                       |
| POWER CONSUMPTION     | AC: 160VA DC: 3A  | AC: 110VA DC: 2A  |
| DIMENSIONS            | W350 × H120 × D265 mm   | W280 × H120 × D270 mm   |
| WEIGHT                | 7.0kg   | 4.8kg   |

# Mobile PA Amplifiers



## VPA-600DP

50 WATTS ■ 12V DC Operation

- 1 Mic & 1 Aux Input.
- Built-in MP3 player with remote control for USB reader.
- 12V car battery operation.
- Complies in size with the DIN standard.
- Mounting accessories supplied with.
- Ideal for Tourist Coaches, Publicity Vans, Police Vehicles and Electioneering etc.



### SPECIFICATIONS

|                       | VPA-600DP  |
|-----------------------|--|
| POWER OUTPUT          | 60W Max., 50W RMS at 10% THD                       |
| INPUT CHANNELS        | 1 × Mic 1mV/4.7kΩ (Priority)<br>1 × Aux 100mV/20kΩ |
| DIGITAL PLAYER        | MP3 Player with USB Reader                         |
| TUNING RANGE          | —  |
| FREQUENCY RESPONSE    | 150Hz-15kHz  |
| SIGNAL TO NOISE RATIO | 60dB   |
| TONE CONTROLS         | -10dB at 10kHz                                     |
| SPEAKER OUTPUTS       | 2Ω, 4Ω, 100V Line                                  |
| POWER SUPPLY          | 12V DC (Car Battery) Standard Voltages 13.1V       |
| DIMENSIONS            | W178 × H50 × D205 mm                               |
| WEIGHT                | 1.70kg   |

