

# JDM® PA MIXER AMPLIFIERS



## Product Overview

Housed in a heavy duty 3RU rack mount cabinet, these mixer amplifiers include a host of features and are ideally suited for schools, offices, medical suites, office/factory units etc. Each of the first three inputs can be configured for either microphone or auxiliary use, whilst the last two are for dedicated auxiliary use. Along with this, the amplifier provides 6 output zones with individual in-built attenuators. Each zone is able to be activated on or off via the front panel switches. LEDs indicate when each zone is selected. All zones can be selected on via the "all call" switch.

Front panel controls are provided for volume, treble and bass for each input, along with a master volume control. Output level is monitored via the front panel LED VU meter.

Fitted with paging chime and siren tone generator. A telephone paging input is also included. The front panel has provision for fitting optional modules such as, A 4344 tuner or A 4346 CD/MP3 player. Operation is from either 240V AC or 24V DC.

A closing set of contacts enables remote ON/OFF control of the 240V.

Other features include record out socket, pre amp, in/out socket to feed other power amplifiers or insert other effects equipment such as a graphic equalizer.

The amplifier design includes comprehensive protection circuitry, for over current, over temperature and short circuits.

The addition of the optional A 4353 6 zone paging microphone and A 4352 control PCB, enables paging to each or any combination of speaker zones remotely.

## Specifications

A 4330 Power:	120 watts RMS
A 4332 Power:	240 watts RMS
A 4336 Power:	480 watts RMS
Attenuator Rating:	A 4330 20W, A 4332 40W, A 4336 80W Max.
Attenuator Output:	100V
Distortion:	< 1% @ 1kHz
Signal to Noise Ratio:	Line: >70dB Mic: >60dB
Frequency Response:	80Hz - 15kHz, ±3dB
Mic input sensitivity:	3mV balanced
Line inputs sensitivity:	300mV
Telephone input:	245mV
Bass:	±10dB @ 100Hz
Treble:	±10dB @ 10kHz
Power supply:	240V AC or 24V DC
Dimensions:	≈430W x 352D x 133H mm
A 4330 Weight:	13kg
A 4332 Weight:	14kg
A 4336 Weight:	20kg

## Key Features

- 5 inputs • 6 output zones • Direct 100V line output
- 4Ω output • Individual zone attenuators
- 24V DC operation • LED VU meter • 2 year warranty
- Volume, treble and bass controls for each input • Over current protection • Over temperature protection • Short circuit protection • Telephone paging input • Phantom power • Selectable microphone priority

## Optional Add-Ons



### A 4346 JDM® CD/MP3 Tuner Module

A plug-in combination AM/FM tuner and CD/MP3 player module. Suits all JDM® public address amplifiers. Tuner features 30 station presets. 1 year warranty.

- Features:**
- Audio CD & MP3 CD playback
  - Random, repeat functions
  - Adjustable output level
  - Track cue function
  - CD-R, CD-RW compatible



### A 4346 JDM® AM/FM Tuner Module

A plug-in AM/FM tuner module to suit all JDM® public address amplifiers. Features 18 station presets and adjustable output level.

- Features:**
- 18 station presets
  - AM/FM
  - Inbuilt level control
  - Auto seek tuning
  - LCD readout
  - Easy plug-in installation for all JDM® amplifiers.



### Optional 6 Zone Paging Console

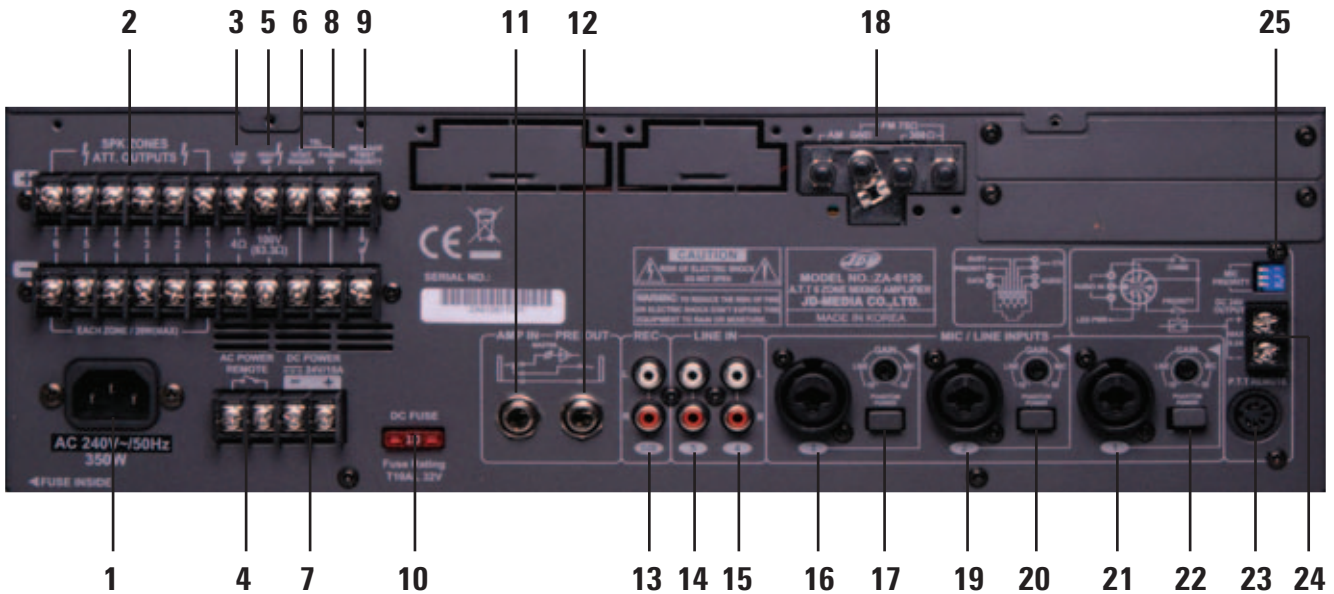
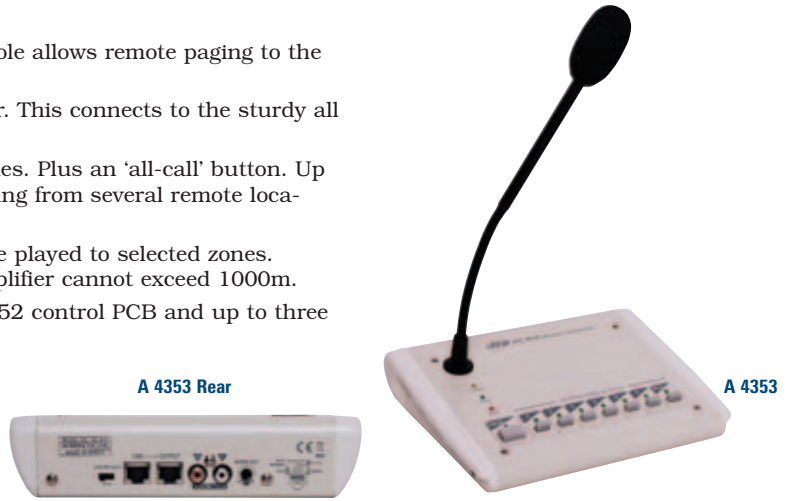
The optional A 4352 control PCB and A 4353 paging console allows remote paging to the 120, 240 and 480W JDM® public address amplifiers.

The A 4352 control PCB is fitted internally to the amplifier. This connects to the sturdy all metal A 4353 paging console via standard Cat5e cabling.

It allows paging to individual zones, or combination of zones. Plus an 'all-call' button. Up to 3 mic consoles may be daisy-chained to allow zone paging from several remote locations.

In built auxiliary input allows a remote music source to be played to selected zones. Maximum cable distance from furthest mic console to amplifier cannot exceed 1000m.

**Note:** for remote paging applications you require one A 4352 control PCB and up to three A 4353 paging consoles.



### Rear Panel

- |                                    |                              |                                  |                                   |
|------------------------------------|------------------------------|----------------------------------|-----------------------------------|
| 1: 240V AC input                   | 8. Telephone paging input    | 15. RCA line input               | 22. Phantom power & gain adjust.  |
| 2. Zone attenuator outputs 1-6     | 9. Message priority contacts | 16. 3 Pin XLR/6.35mm TRS input   | 23. Remote PTT contacts (DIN skt) |
| 3. 4Ω output                       | 10. DC fuse                  | 17. Phantom power & gain adjust. | 24. 24VDC PTT output              |
| 4. AC remote power contacts        | 11. Amplifier input          | 18. AM/FM antenna terminals      | 25. Mic priority DIP switch       |
| 5. 100V output                     | 12. Pre-amp output           | 19. 3 Pin XLR/6.35mm TRS input   |                                   |
| 6. Telephone night ringer contacts | 13. RCA record output        | 20. Phantom power & gain adjust. |                                   |
| 7. 24V DC power input              | 14. RCA line input           | 21. 3 Pin XLR/6.35mm TRS input   |                                   |

