

Product Guide**A 4262A** 240W 100V Class D Bluetooth PA Mixer Amplifier

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Overview

These compact Class-D design amplifiers offer multi source mixing plus USB/SD card/FM tuner audio playback and Bluetooth streaming functionality. They are an all in one amplifier and audio source housed in just a single rack unit of space! Ideal for use in retail, offices, venues and other commercial buildings. Dimensions: 484×295×44mm

The unique feature of the Class-D design is the significant reduction in power consumption and heat generation due to the switchmode power supply design employed. They utilise active power factor correction (APFC) switch mode power technology allowing an efficiency rating of 85%. The result of which is a much cooler running amplifier (<55°C), offering a long life span and significant power savings for a reduced environmental impact.

Screw terminal connections are provided for balanced inputs from sources, 100V/4-16Ω output and 24V DC input. A stereo RCA line output is provided, plus two stereo RCA line inputs. Easy line/mic/phantom power options are available on mic inputs 1 to 4. A top priority emergency input is also provided which can be connected to an alert/evac tone generator.

Music playback is easily managed via the front panel track selection and play/pause controls. Music files can be stored and played back from SD card, USB memory stick or Bluetooth enabled device.

Key Features

- ✓ Mixer amplifier with SD/USB/FM tuner/Bluetooth music source
- ✓ 85% efficient class-D power performance
- ✓ Low power consumption & heat generation
- ✓ Compact 1RU case
- ✓ Bass & treble control
- ✓ Front panel mic input
- ✓ Protection circuitry
- ✓ LED indicators for signal, peak, protection and power
- ✓ Selectable 100V line/4-16Ω output
- ✓ Mic/Line/Phantom Power options on Mic 1-4
- ✓ 24V DC battery backup power input
- ✓ Emergency priority input (Mic 1)
- ✓ Adjustable VOX muting

About Redback® Public Address Products

Redback® products are proudly designed, engineered and manufactured in Australia.

Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 40 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

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Rear Panel



1	240V AC IEC input	8	Mic 4 Mic/Line/Phantom selector	15	Mic 1 Mic/Line/Phantom selector
2	24V DC input	9	Mic 4 balanced input terminals	16	Mute trigger terminals
3	100V/4-16Ω output	10	Mic 3 Mic/Line/Phantom selector	17	Mic 1 balanced input terminals
4	100V/4-16Ω switch	11	Mic 3 balanced input terminals	18	EMC input terminals
5	Stereo RCA line output	12	Mic 2 Mic/Line/Phantom selector	19	FM antenna terminal
6	Stereo RCA line input 2	13	Mic 2 balanced input terminals		
7	Stereo RCA line input 1	14	Muting level adjustment		

Specifications

General

Rated Power:	240W
Output Level:	4-16Ω/100V
Indicator:	Power indicator
Short-Circuit Mode:	Short Circuit, no voltage
Cooling Mode:	Air cooling
Protection Mode:	Overheat/Short circuit
Operation Temperature:	+5°C ~ +40°C
Storage Temperature:	-20°C ~ +70°C
Relative Humidity:	<95% (No condensation)
Voltage:	240V 50Hz
Power Consumption:	370W
Weight:	4kg
Dimensions:	484×295×44mm

Input Sensitivity

Mic:	2mV±1mV
Line:	100mV±20mV
Aux:	350mV±20mV
EMC:	775mV±40mV
Pre-Output:	1V±50mV/100Ω

Tone Control

Low Frequency:	±10dB at 100Hz
High Frequency:	±10dB at 10KHz

Frequency Response

Audio Out:	20Hz - 20KHz (±3dB)
Mic:	200Hz - 16KHz (±3dB)

SNR / THD

Mic:	≥65dB
Music:	≥70dB
THD:	THD+N ≥ 0.1%

Connections

Inputs	Mic	Aux
		Screw terminal

Outputs	Line Out	Speakers
		Stereo RCA