Thank you for purchasing the Opus One A 4201 Bluetooth Amplifier. This amplifier features the Tripath STA510F chipset which provides 50W continuous power per channel (100W total) into an 8 Ohm load. It also provides wireless Bluetooth connectivity for streaming directly from other Bluetooth enabled devices such as a smartphone.

SPECIFCATIONS:

Power Output:	50 Watts RMS x 2 into 8 ohm
Total Harmonic Distortion:	<0.01% @30W; <5.0% @50W
Minimum Speaker Impedance:	6 ohm
Signal-to-Noise Ratio:	103 dB, A weighted
Input Impedance:	2k ohm ± 5%
Frequency response:	20-20,000 Hz
Channel Separation:	95 dB
Efficiency:	85%
Dynamic Range:	>100 dB
Electrical Requirement:	24V DC @ 5A centre pin positive
Dimensions:	50H x 86W x 143D mm
Weight:	455g

BLUETOOTH SPECIFICATIONS:

Bluetooth version:	BT V5.0
Analog input sensitivity:	1-2V RMS
Bluetooth range:	30m (line of sight)
Decoding:	SBC, MP3, AAC
Output:	A2DP, AVRCP

PACKAGE CONTENTS:
- 100W Digital Class T Amplifier
- 24V @ 5A switch mode power supply
- 2x Sets of screw-type banana plugs for speaker connection
- 3.5mm to 6.35mm phono stereo headphone adapter
- 3.5mm to 2x RCA cable
- 150mm coiled 3.5mm audio input cable
- Bluetooth antenna

BLUETOOTH PAIRING
Press Bluetooth button on front panel to turn on Bluetooth mode. To pair, ensure your device has Bluetooth enabled, the device name will appear as "BLUETOOTH". Tap to connect to the device and begin audio playback in your preferred app.

IMPORTANT SAFETY INSTRUCTIONS:
To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified personnel. To reduce the risk of shock do not expose unit to rain or moisture. The unit should be connected to an earth grounded AC electrical socket. The unit should be operated in a well ventilated area. Minimum clearance is 50mm from the ventilation openings.

FRONT PANEL:
1. Blue power LED indicates the unit is receiving power and is fully operational.

2. Power/Volume control - This control turns on the unit and adjusts the volume level of the amplifier. When the unit is turned on the power LED will become fully illuminated. To turn the unit on, turn the control knob clockwise until it clicks into the on condition. To turn the unit off, turn the control knob fully counter-clockwise until it clicks into the off position. It is normal for the power LED to slowly dim and then go completely out after the unit is turned off.

3. Headphone Jack - The A 4201 also doubles as a high fidelity headphone amplifier. The 6.35mm stereo jack allows connection of larger DJ and studio-style headphones. An adapter is also provided so that smaller 3.5mm personal style headsets and ear pieces can be used.

NOTE: When headphones are plugged into the headphones jack the speaker output connections are disconnected.

4. Bluetooth on/off switch for activating wireless audio receiver.

5. 3.5mm Audio Input - The unit features a 3.5mm stereo input on the front panel for quick connection of iPods, MP3 players, and other portable audio devices. A 150mm 3.5mm coiled cable that stretches to 300mm is included.

NOTE: When a device is plugged into the 3.5mm audio input, the rear panel RCA input jacks are disconnected. This allows the user to permanently connect a device to the rear RCA audio inputs, and switch to a portable device by simply plugging into the front panel input socket.

REAR PANEL:
5. Power Connection - The A 4201 operates on 24V DC and MUST be used with a power supply that can provide at least 5A. The power connection on the unit is a 2.5mm x 5.5mm jack with center pin being positive.
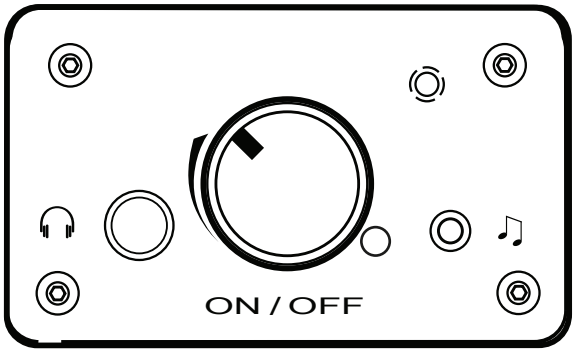
NOTE: If a power supply rated for an inappropriate voltage or with the reversed pin polarity is used, and the unit is damaged, the warranty will be voided.

8. Bluetooth Antenna Connection - attach included antenna to this connector. Secure with screw ferrule.

7. Speaker Outputs - The speaker output connections utilize high current banana plug connectors (sold separately). The connections are colour coded for easy polarity identification. High quality screw-on banana plug that will accept 10AWG-18AWG wire are included.

8. RCA-Type Audio Input - RCA-type line level input for permanent connection of large devices such as CD players, PCs, and DVD players. An RCA to 3.5mm adapter is also provided for added connection flexibility.

NOTE: When a device is plugged into the front mounted 3.5mm input, the RCA input jacks are disconnected.
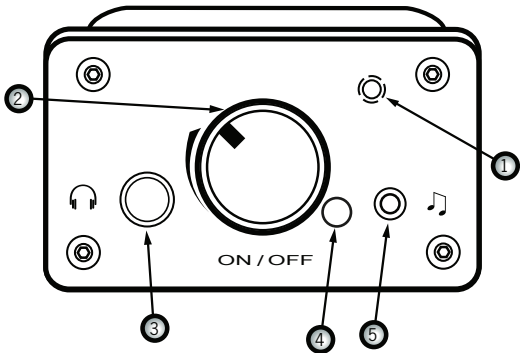
A 4201
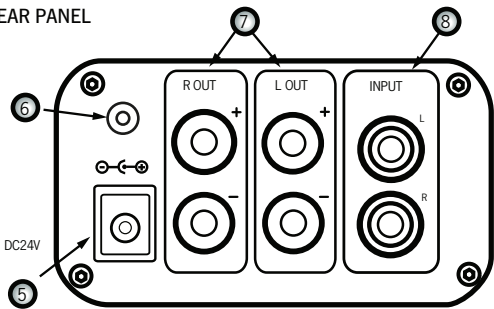## 100W Stereo Amplifier
With Bluetooth

USER MANUAL

FRONT PANEL

REAR PANEL

CONNECTING YOUR LOUDSPEAKERS TO THE A 4201:
1. Ensure that the amplifier is powered down. Locate the banana plugs and remove the protective rubber boots. Loosen the set screw using a small straight blade screw driver.

2. Remove approximately 2cm of the insulation from your speaker wire positive and negative conductors. Slide the appropriate coloured (red for positive, black for negative) rubber boot over the speaker wire.

3. Insert the conductors into banana plugs and tighten the set screws and slide protective rubber boots back into place. While observing proper polarity, insert banana plugs into the speaker output receptacles on the back of the A 4201.