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2 x 15WRMS Amplifier
with Bluetooth® Technology

User Manual
AA-0522
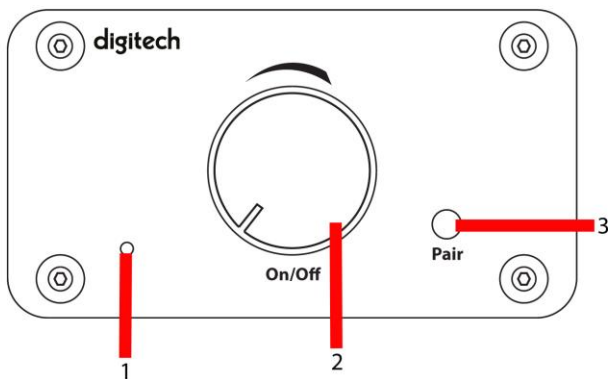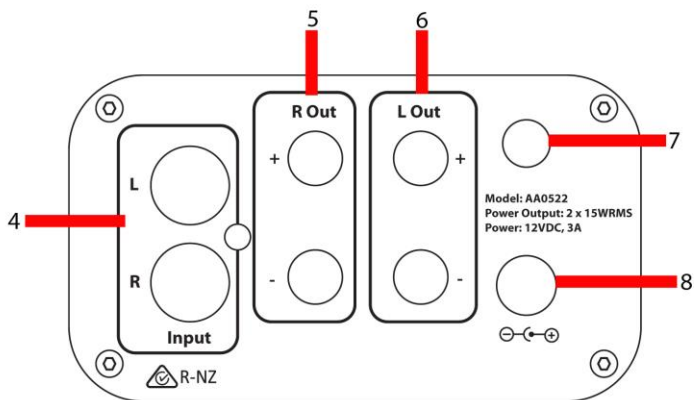
Box Contents:

1 x Amplifier

1 x Mains Power Adaptor

Product Diagram:

Model: AA0522
Power Output: 2 x 15WRMS
Power: 12VDC, 3A

R Out
L Out
L
R
Input
R-NZ

5
6
7
8
4

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On/Off
Pair

1
2
3

#	Feature	Description
1.	LED Status Indicator	Displays the current Bluetooth® connection status
2.	On/Off/Volume	Rotate to either turn the unit on, off or adjust the main volume level
3.	Pairing Button	Press to start the Bluetooth® pairing mode
4.	RCA (L&R) Input	Connect to an audio device such as a turntable, radio or cassette player using RCA (L&R)
5.	Right Banana Socket Outputs	Connect to a right speaker using a banana plug
6.	Left Banana Socket Outputs	Connect to a left speaker using a banana plug
7.	Wireless Antenna	Used to transmit the Bluetooth® signal
8.	12VDC Power Socket	Connect to the 12VDC mains power adaptor

Operation:

1. Connect the mains power adaptor to a standard 240VAC mains wall outlet.

2. Connect the DC plug of the mains power adaptor to the 12VDC power socket of the amplifier and turn the wall outlet on.

3. Connect a pair of speakers using banana plugs to the left and right banana socket outputs.

4. Connect a RCA (L&R) cable (not included) from your source device such as a record player to the left and right audio inputs on the back of the amplifier. The unit supports both RCA and Bluetooth® audio inputs; refer to the Bluetooth® pairing section.

5. Turn the on/off volume switch to a clockwise position to turn the amplifier on and adjust the level of volume that you want.

Bluetooth® Pairing:

1. Once the amplifier is powered on; press the pairing button of front of the amplifier and the LED indicator will start flashing blue.

2. Open the settings of your smart phone or tablet and ensure Bluetooth® is turned on.

3. Once your Bluetooth® is enabled; scan for devices and the Bluetooth® name AA0522 should appear. If the name doesn't appear then please ensure the amplifier is correctly powered on.

<p align="center">Bluetooth® Name: AA0522</p>

4. Press the AA0522 on the Bluetooth® device list and your smartphone or tablet should show that it is now connected.

5. You can now start playing audio from your smartphone or tablet. The volume can be adjusted from both the amplifier and your device.

Note: If the amplifier can't be connected; then please restart the amplifier or the device and try again.

Troubleshooting:

Problem:	Solution:
No Audio	Ensure the volume is correctly turned up on the amplifier.
	Ensure the volume is correctly turned on your audio device if connected in Bluetooth Ⓡ mode.
	Check if your input and output devices have been connected properly and turned on.
Bluetooth Ⓡ Will Not Pair	Restart the amplifier and smartphone or tablet.
	Type in the password "0000" if it asks you for one.
	Make the Bluetooth Ⓡ is turned on from your device.
No Power / LED Display	Ensure the mains power adaptor is connected properly and turned on.
	Check to see if the on/off and volume has been adjusted correctly.

Safety:

1. Do not open the case of the amplifier to avoid damage and injury.
2. Keep the amplifier away from high temperatures as it may cause damage to the speaker and battery.
3. Do not expose the amplifier to water, moisture or liquids to prevent the unit from damage.
4. If using a third party mains power adaptor; make sure the voltage and current match the specifications as 12VDC, 3A or above.

Specifications:

Output Power: 2 x 15WRMS @ 4Ω
                2 x 10WRMS @ 8Ω
Output Impedance: 4-8Ω
Audio Input: 1 x RCA (L&R), Bluetooth®
Audio Output: 2 x Binding Posts (L&R)
Bluetooth® Version: 4.2+EDR
Transmission Range: Up to 10m
Frequency Response: 20Hz-20kHz
S/N Ratio: 102dB
Efficiency: 95%
Dynamic Range: > 100dB
Harmonic Distortion: <1% @ 10W
                       <10% @ 15W
Channel Separation: 95dB
Input Resistance: 60K Ω
Power: 12V, 3A
Dimensions: 150(L) x 86(W) x 51(H)mm