

**SPECIFICATIONS:**

<b>Power Output:</b>	50 Watts x 2
<b>Power Output Subwoofer:</b>	100 Watts
<b>Sub Crossover</b>	50Hz to 120Hz
<b>Impedance:</b>	4-8 Ohms
<b>Power Input:</b>	24 VDC
<b>Amplifier Class:</b>	Class D
<b>Bluetooth Distance:</b>	Up to 30 meters
<b>Bluetooth Compatibility:</b>	A2DP, AVRCP

# 100W 2.1 CLASS D BLUETOOTH AMPLIFIER WITH SUB FREQUENCY ADJUSTMENT

Model: DTA-2.1BT2 User Manual

**5-Year Limited Warranty**  
See [daytonaudio.com](http://daytonaudio.com) for details



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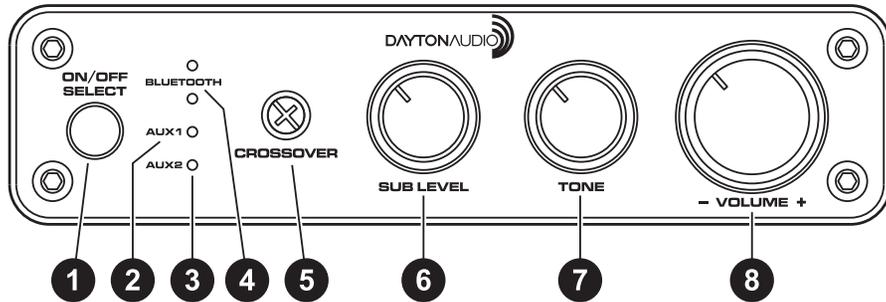
705 Pleasant Valley Dr.  
Springboro, OH 45066  
USA



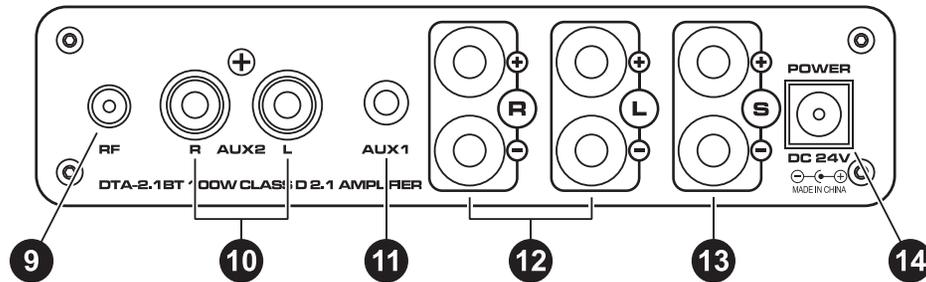
## INTRODUCTION

The DTA-2.1BT2 Amplifier provides clean Class D power from a super compact and lightweight form factor. Using the included power supply, this amplifier can power most speakers and passive subwoofer for your home or office. The DTA-2.1BT2 has standard stereo RCA and 3.5mm inputs on the rear panel. The Bluetooth technology is convenient wireless connectivity.

## AMPLIFIER CONNECTIONS



Front View of Amplifier



Rear View of Amplifier

### Front Panel

1. Power and source select
2. AUX1 source indicator
3. AUX2 source indicator
4. BT source indicator
5. Subwoofer crossover
6. Subwoofer volume
7. Tone control
8. Master volume

### Rear Panel

9. BT antenna connection
10. AUX2 L/R RCA
11. AUX1 3.5 mm
12. R/L speaker outputs
13. Subwoofer output
14. Power input

## CONNECTING SPEAKERS AND SETUP

The DTA-2.1BT2 features professional and convenient binding post style speaker connectors.

**Note:** The binding posts will accommodate (dual) banana plugs or bare speaker wire.

- Connect 4-8 Ohm passive speakers and subwoofer to the rear panel binding posts; be sure the polarity is correct.
- Plug the power supply into the amplifier and into the wall outlet.

## LINE LEVEL INPUT CONNECTION

- Connect your source device (3.5 Aux 1 / RCA Aux 2) to the amplifier.
- Power on the amplifier with a long press of the ON/OFF button.
- Short press the select button to select the input, the red led indicator will illuminate under the selected input type.

## BLUETOOTH CONNECTION

The Bluetooth audio source device must be paired to the DTA-2.1BT2 to play music wirelessly from your phone, tablet, or other device.

- Turn on the amplifier with a long press of the ON/OFF button.
- Select the Bluetooth input by short press of the select button.
- Search for DTA2.1BT2 on your mobile device.
- You will hear a series of tones and see the BT indicator lights flashing red/blue, the amplifier is now in pairing mode.
- From your mobile device Bluetooth menu select "DTA-2.1BT2".
- The DTA-2.1BT2 BT indicator light will change to a slow pulsing red and will emit a short beep to inform you that the mobile device is successfully paired with the amplifier.

**Note:** Adjust the output level of the mobile device to approximately 75% and then adjust the master volume on the amplifier to the ideal listening level, this will give you the best sound quality.

**Note:** If your Bluetooth device has trouble pairing or connecting to the amplifier, it may be necessary to repeat the connection process for the amplifier and mobile device.

**Note:** The power button and select button are the same. Long press the ON/OFF button to power on and off the amplifier, short press select button to change the input selection.

## FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator your body: Use only the supplied antenna.