



Data Specs

TDA7492P Bluetooth 4.0 Audio Power Amplifier Module

This amplifier board features a state-of-the-art, with dual channel Class-D TDA7492P audio amplifier, which delivers up to 25W per channel. Build in with Bluetooth 4.0 enable wireless receiving of audio playback from mobile devices.

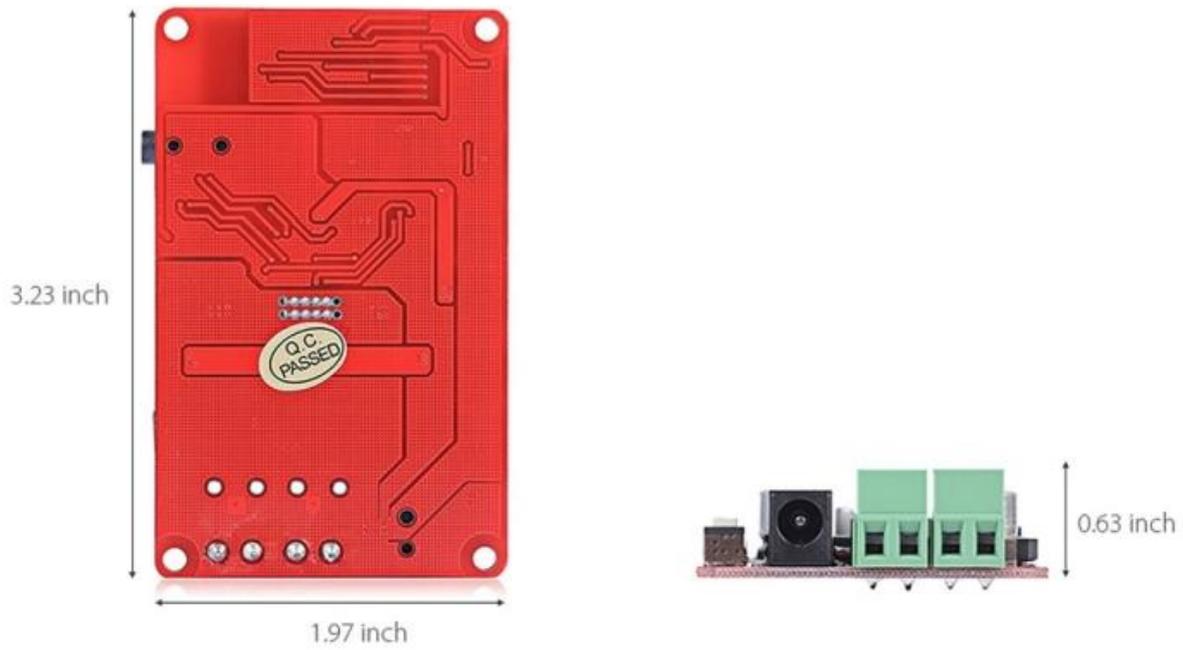


SKU: [MDU1092](#)

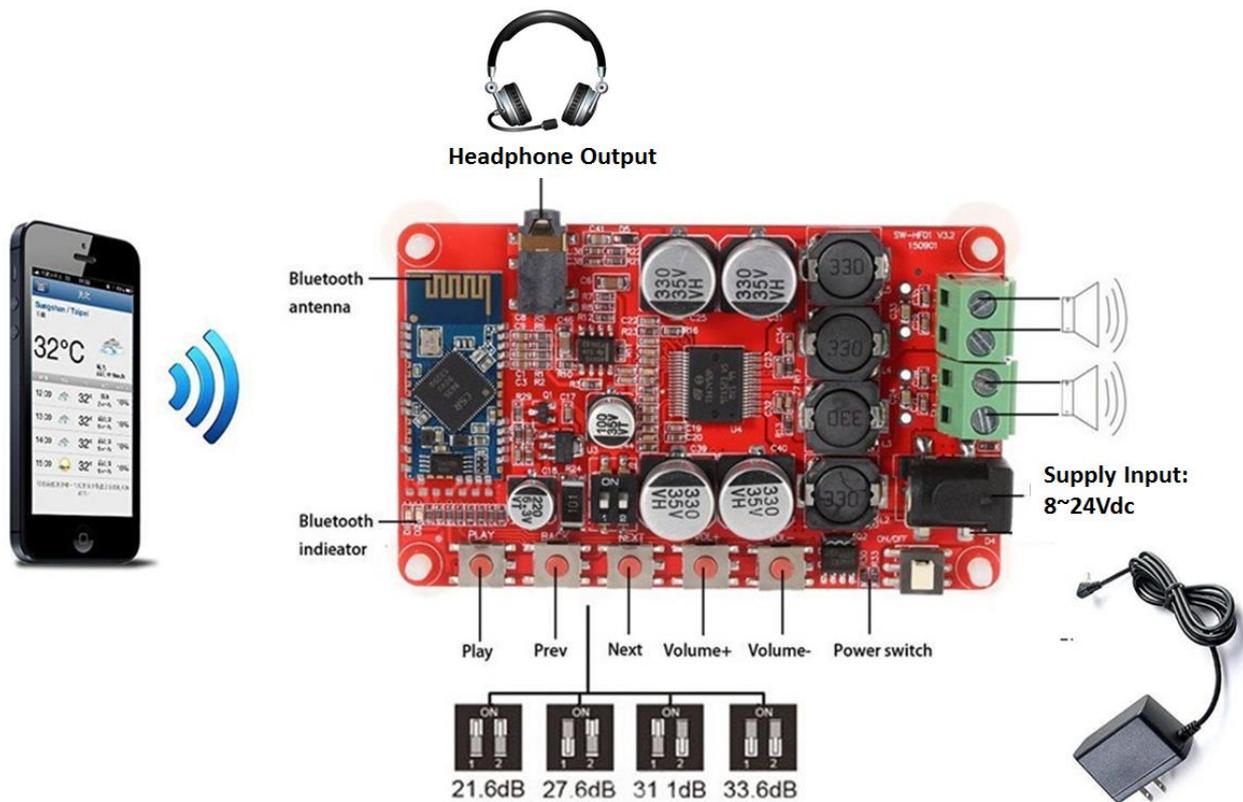
Brief Data:

- Power Supply: 8 ~ 24Vdc.
- Speaker Output Power: 25W+25W at THD 10% 8Ω @ 20Vdc.
- Bluetooth: CSR8635 Audio Bluetooth V4.0.
- 2.1mm Power Supply Input Jack.
- Speaker Impedance: 8Ω.
- Headphone Output: 32Ω. Stereo 3.5mm Jack.
- Fixed gain settings of nominally 21.6dB, 27.6dB, 31.1dB and 33.6dB.
- Channel Crosstalk: -50dB.
- Size: 82 x 50mm (L x W)

Mechanical Dimension:

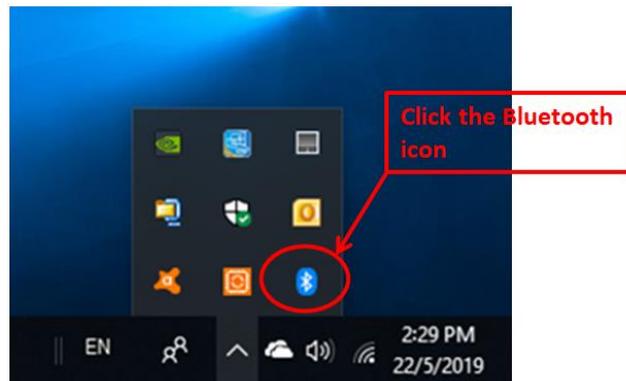


Functional Diagram:

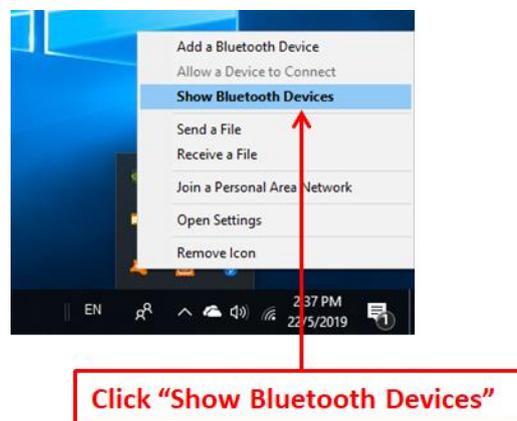


Pairing with Window-10 Laptop:

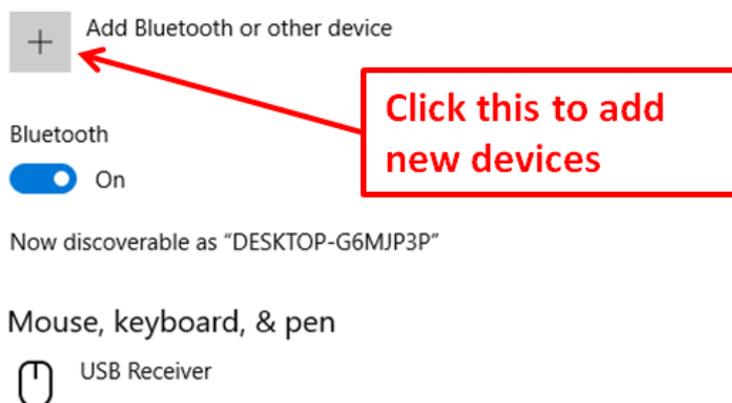
1. On power up, the Red and Blue LED will blink alternatively indicating the amplifier module ready for pairing with Bluetooth mobile devices, in this example we use laptop computer with Win10.
2. Go to Window desktop and click the Bluetooth icon:



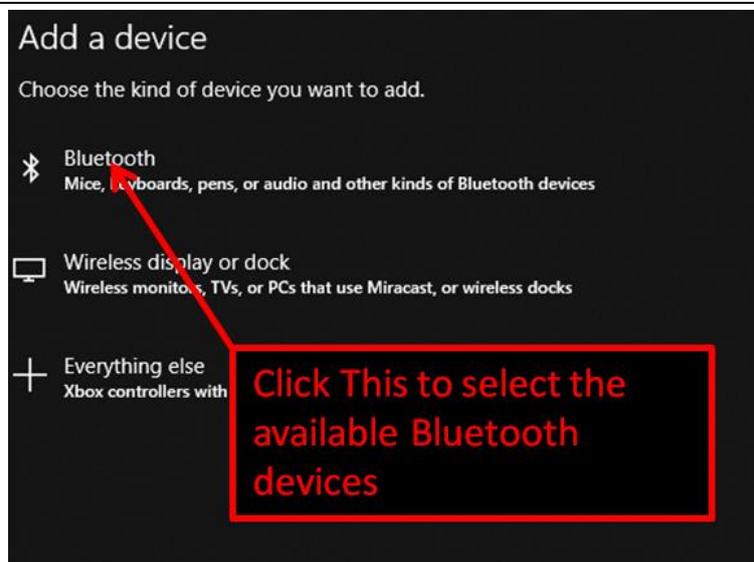
3. Click "Show Bluetooth Devices" to bring up "Bluetooth other devices" panel.



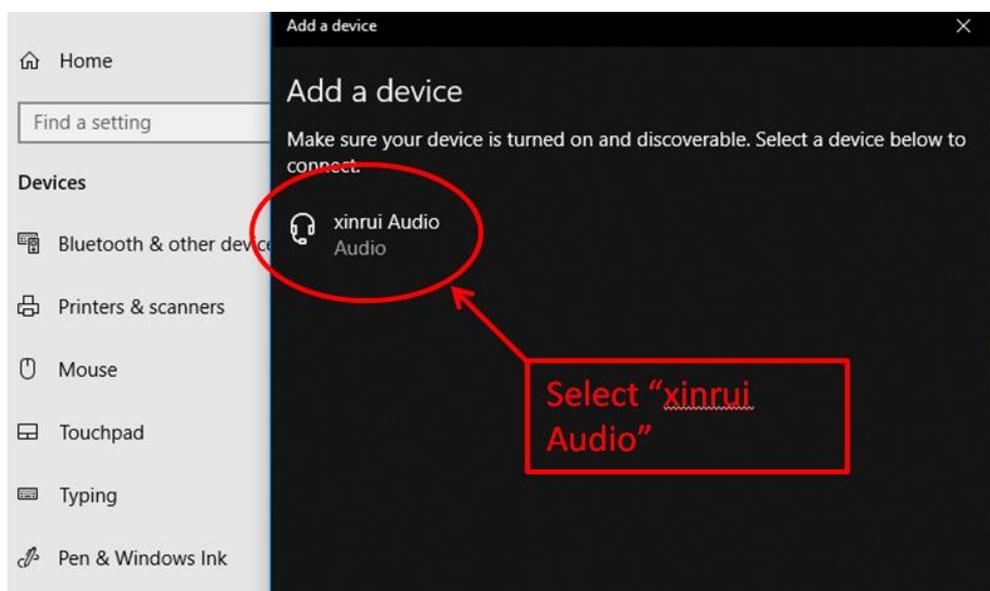
Bluetooth & other devices



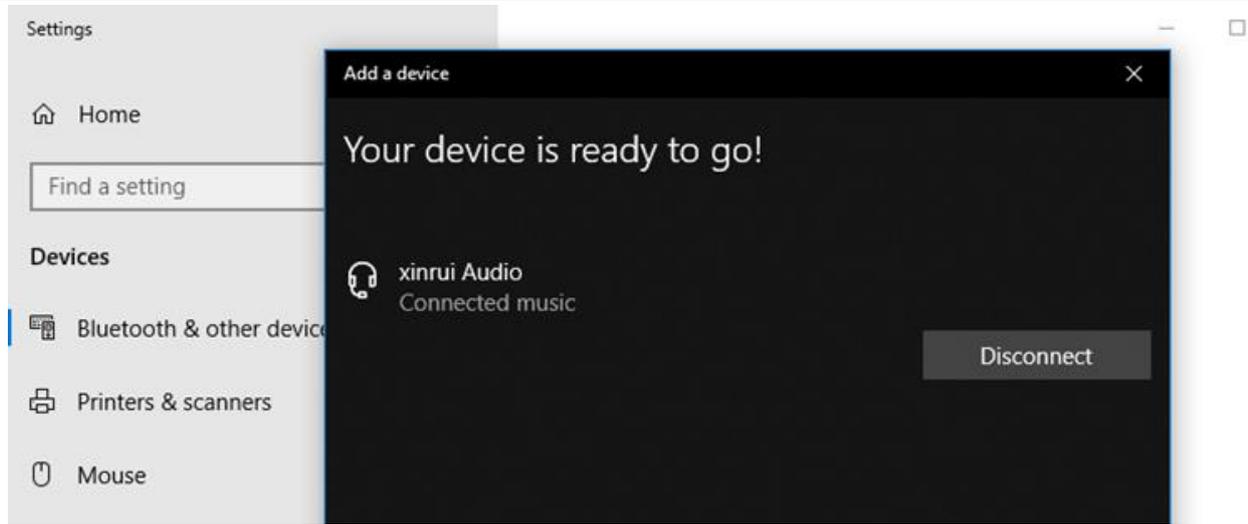
4. From the "Add a device" panel, click the Bluetooth icon. This will bring up the available Bluetooth devices that are ready to pair with the mobile device.



5. Select “xinrui Audio“ to pair with the mobile device.



6. After successful paired with the mobile device, the Blue LED on the Amplifier module will change to blue color. Now all audio output from mobile device (i.e. laptop computer) will direct to this Amplifier Module, you will now have a more powerful wireless connected sound output from the external speaker !



7. Try playing some youtube video or MP3 from your mobile device, you should hear the audio output from power amplifier's speaker. Alternatively you can plug in headphone to the 3.5mm stereo output jack to listen thru headphone.

Web Resource:

- [TDA7498 2X100W Class-D Audio Amplifier](#)
- [GPD2856C-MP3 Player Board](#)
- [Class-D Audio Amplifier Basic](#)



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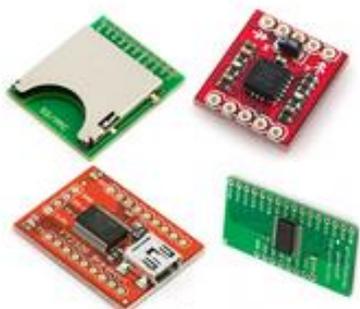


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