



XPCB-12BT Audio Amplifier Board

Key Features

- 2X 25 W continuous output power at THD = 10% with VCC= 20 V and RL= 8 Ω
- Stereo Audio Output
- High Efficiency (η = 90%)
- Wide input power range, 10-25V DC with reverse polarity protection
- Short Circuit Protection
- Thermal Overload Protection
- Differential Inputs minimize common mode noise
- Bluetooth and 3.5mm Aux input jack

Specifications

Input Power	10-25V DC, 2.1mm pin socket
Output Power	2X 25W screw terminals
Output Impedance	4, 6, 8, 16 Ω
Audio Input	Bluetooth 2.1 & 3.5mm analog audio
Overall Dimensions	72mm x 48mm x 18mm

Notes

- Analog Input takes audio priority over Bluetooth
- Bluetooth pairing is automatically activated after power on
- Bluetooth Device Name: *Xpecial Audio*