



1. Gain adjustment
2. 54\*3PIN dual channel audio input
3. Audio input L/PBTL Audio input
4. Audio input R/PBTL invalid

5. Volume potentiometer (clockwise to increase volume; anticlockwise to decrease volume)

### Features:

- Amplifier chip: original TDA7498E
- Output power: 160W + 160W (Vcc=36V, RL=4Ω, THD: 10%)
- Output power: 1x220W single channel in parallel BTL (Vcc=36V, RL=3Ω, THD: 10%)
- Support BTL mode (short J1, J2, J3, J4 located on the back of amplifier board)
- Wide range single power supply: 15-36V DC, with input reversed polarity protection (if speaker's real power is large enough, the recommended DC power supply is 32V, 8A or more. Too small power would cause distortion or staccato to lose the shock effect)
- Speaker impedance: 4 ohm, 6 ohm, 8 ohm
- Cooling: temperature controlled forced air cooling (the fan will automatically work to force cooling when the heat sink temperature is hot enough)
- Four fixed gain settings available: 29.6 dB, 33.1 dB, 35.6 dB and 35.6dB
- With standby and mute features
- High efficiency: 85%

### Description:

The TDA7498E is a 160W+160W dual-BTL class-D audio amplifier with single power supply designed for home theater and active speaker applications. It adopts 36-pin powerSSO packaging with exposed pad up (EPU), more convenient to mount a separate heatsink.