

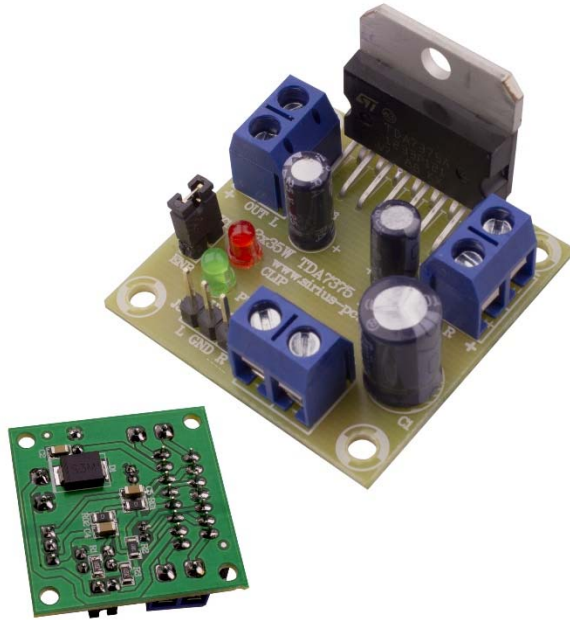


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2x35W TDA7375 Amplifier

№100856



The device consists in two-channel bridge audio amplifier constructed on the base of integral scheme TDA7375. The specifications of the device are: protection from grid noise, good sound, without a need of preamplifier, unipolar power supply, suitable for accumulator of 12V and easy for assembling.

This amplifier is suitable for building of home audio systems, portable active speakers with integrated amplifier ect.

Specifications of 2x35W TDA7375 Amplifier

- ◆ Resistance of the load: **4Ω**
- ◆ Output power:
 - 2x35W (THD = 15% on 14.4V DC)
 - 2x25W (THD = 10% on 14.4V DC)
 - 2x20W (THD = 1% on 14.4V DC)
- ◆ Coefficient of amplification: 20 (26dB)
- ◆ Power supply voltage: **unipolar 14V DC**
- ◆ Suitable for application with **accumulator 12V**
- ◆ LED indication for Power on mode
- ◆ LED indication for deformation of the signal and thermic protection
- ◆ Size: 36mm x 36mm

Attention!!!

For regular exploitation of the amplifier it is necessary to be assembled a suitable radiator to the integral scheme using insulating sleeves and insulating pads!!!

Description

- stereo audio amplifier 2x35W with load, 4Ω
- header J3 (INPUT) – audio input of the amplifier
- terminal J2 (PWE) – power supply 12V
- terminal J2 (OUT L) – left output to a speaker
- terminal J3 (OUT R) – right output to a speaker

Indication:

- LED D2 (PWR) – stock of power supply voltage
- LED D3 (CLIP) – deformation of the signal or thermic protection

Note:

- The load must be **NOT** less than 4Ω.

Example Scheme of Connecting of the Device

