



VIVALDI
UNITED GROUP

USER MANUAL

ROUND 20HPA



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1 MECHANICAL INSTALLATION

For the installation of the diffuser, tighten the 4 screws corresponding to the support hooks.

2 ELECTRICAL INSTALLATION

Within the speaker is present the audio amplifier, in which the following signals will be connected (Figure 1):

- +24Vdc, the positive pole;
- -24Vdc, the negative pole;
- R, right audio channel;
- Gnd, shield of audio cable;
- L= left audio channel;

The cable 2x0,75mm, already connected to the SPK terminal, must be connected to the speaker observing polarity.

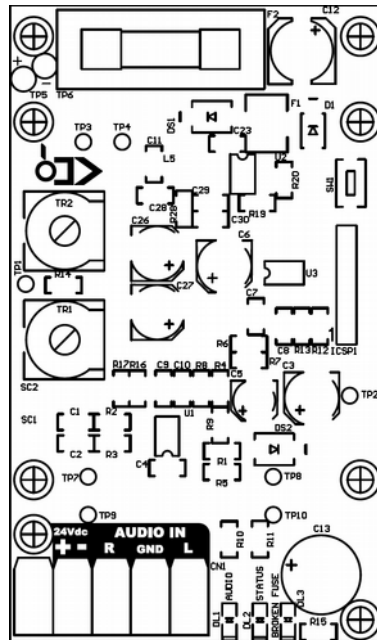


Figure 1

For immediate diagnosis you can check if there is the presence of audio signal thanks to the LEDs on the card.

- Audio Led: If on, it indicates the presence of audio and the status of the amplifier.
- Status Led: Fast blinking for 10 seconds after power on, indicates the startup status of the module. Slow flashing indicates turning off, after 5 minutes, of the amplifier.
- Broken Fuse Led: If on, it indicates that the fuse is blown and must be replaced (2A).

Thanks to a potentiometer located on the rear of the electronics, it is possible to adjust the threshold audio level detectable by the device.

In the case in which the module does not come into SLEEP MODE, for default after 5 Minutes, it will be enough to lower the threshold by rotating the potentiometer.

In the opposite case, if the signal is too low and the amplifier will not turn on, simply increase the threshold until it turn on.

The other potentiometer is used to increase the delay time in SLEEP MODE, from a minimum of 1 minute to a maximum of 20, default is set to 5 minute.

3 TECHNICAL SPECIFICATIONS

Supply Voltage	24Vdc
Maximum Current	2A
Audio Power RMS	50W
Woofers	20 cm Kevlar
Medium	8 cm Kevlar
Tweeter	2,5cm orientable
Dimension (DxH)	273x127 mm
Recessed hole (D)	250 mm
Weight	5Kg



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