GIADA213HPA
OPERATIVE MANUAL

Please follow the instructions in this manual to get the best results from this product.
We also recommend that keep this manual handy for future reference.

1. MECHANICAL INSTALLATION

For the installation of the speaker simply remove the 6 screws that support the central part of the same.
Once isolated from the frame main body, it can be fixed to the wall simply by screwing the 6 screws corresponding to the support hooks.

2. ELECTRICAL INSTALLATION

Inside the frame there is the audio amplifier, where will be connected
the following signals (show in Fig. 1):
+24Vdc= Positive power supply;
-24Vdc= Negative power supply;
R= Right channel;
Gnd= Shield audio cable;
L= Left channel;
The 2x0,75 mm cable, already connected, the SPK terminal must be connected to the speaker respecting the polarity.

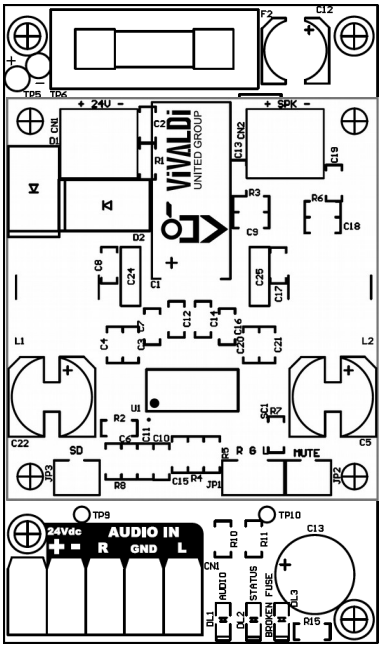

FIG. 1

For direct diagnosis you can check if there is audio signal with LEDs on the board.
Led audio: If on, it indicates the presence of audio and the amplifier status..
Led status: The fast blinking for 10 seconds after power on, indicates the module startup.
The slow blinking indicates the shoutdown of the module, after 5 minutes.
Led broken fuse: If on, it indicates that the fuse is broken and must be replaced(2A)

It's possible, through a potentiometer on the electronics back, adjust the audio level threshold detectable by the module.
For example: In the case than the module does not come into SLEEP MODE after 5 Minutes by default, simply lower the threshold by rotating the potentiometer.
reverse 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 SLEEP MODE delay time, from a minimum of 1 minute to a maximum of 20, default is set to 5.

3. TECHNICAL INFORMATION

Power Supply: 24Vcc
Max Current: 2A
Audio power RMS: 50W
Built in speaker with 3 way.
Speaker: 2x13 cm woofer in Kevlar.
1x8 cm middle in Kevlar.
2x2,5cm adjustable Tweeter.
Speaker dimension (LxHxP)= 357x255x84 mm
Built in hole (LxH)= 330x225 mm
Peso 5Kg.