



# E-12

## 30W. ROADPOWER AMPLIFIER.

The 30 W. Roadpower amplifier has been based on the Integrated Circuit TDA 2003, installed in bridge configuration allow to obtain high power with low voltages.

The circuit has a protection against polarity inversions as well as a protection against output short-circuits in order to prevent the possible failures during its installation or its usual operating.

### TECHNICAL CHARACTERISTICS.

Voltage .....	24 VDC. (From 12 to 35).
R.M.S Power .....	30 W.
Musical Power .....	42 W.
Consumption At MaximumPower .....	1.500 mA.
Output Impedance .....	4 - 8 Ohms.
Frequencies Margin .....	20 - 18000 Hz.
Impedance Input .....	100 Kohm.
Input Sensitivity .....	300 mV.
Distorsion At Maxim Power .....	2%.

### INSTALLATION.

Hereafter, you would find how to connect the E-12 Circuit , with a 12 VDC Power Supply (FE-14).

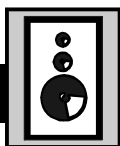
**POWER SUPPLY:** The E-12 circuit had to be supplied by a 12 VDC power supply.

Then, we recommended you the FE-14 power supply which has been developed to perfectly answer to the circuit needs. Connect the positive of the power supply to the positive terminal indicated in the wiring map, then connect also the negative of the power supply to the negative terminal indicated in the circuit. Verify that the assembly has been correctly done.

This assembly is recommended when the signal come from a previous, mixer or auxiliary output form any apparatus or devices and if this signal is not superior than 1000 mV.

When the signal come directly from the loudspeaker output, you had to assemble as follow :

- Use a Stabilised Power Supply as well as Shielded Cable
- Install the complete Amplifier in a Metallic Box.

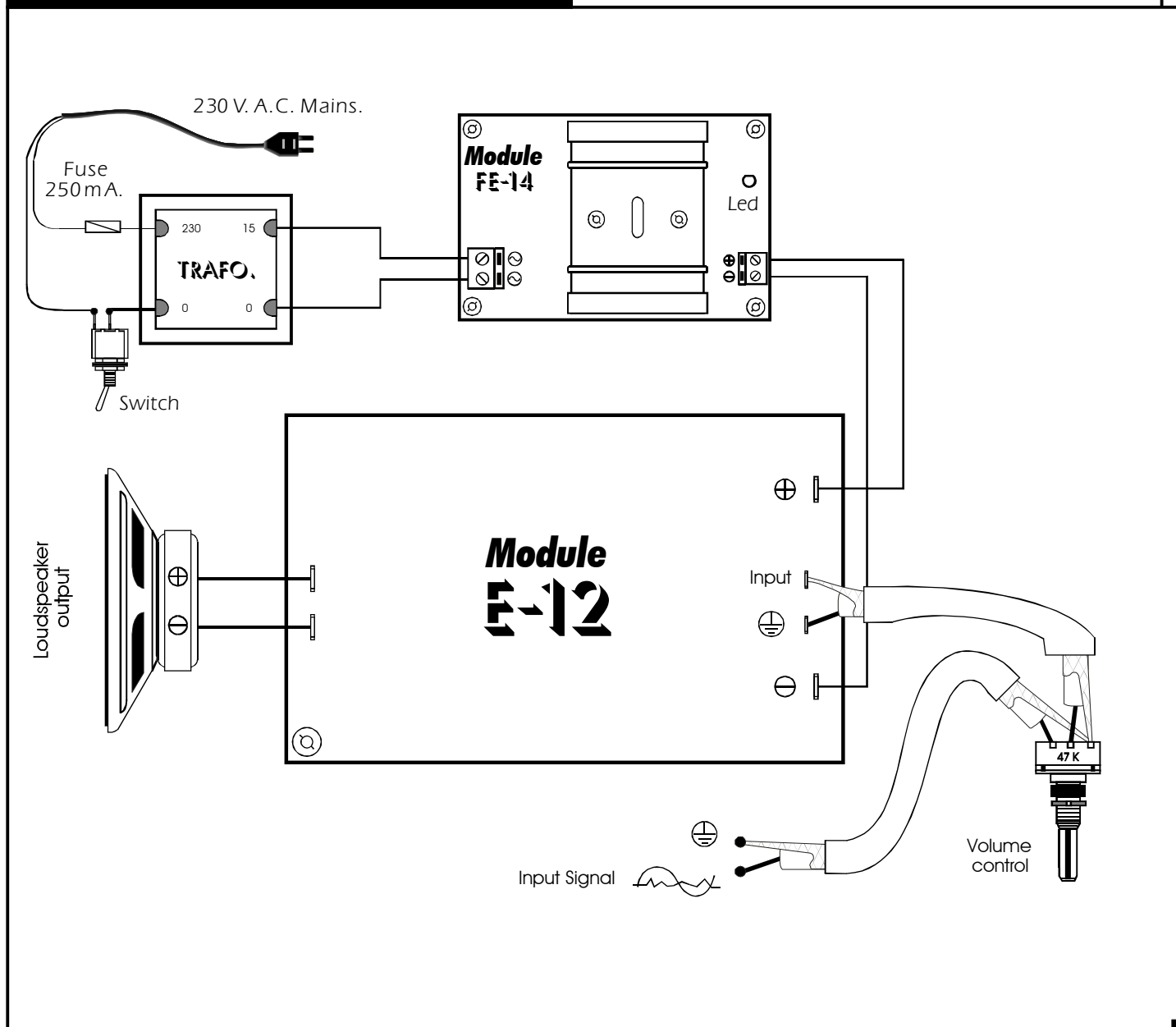


# STEREO AMPLIFIER

Ref. Full0139\_Ang.

# E-12

## HOW TO INSTALL THE CIRCUIT.



## TECHNICAL SUPPORT AND INFORMATION.

For any questions or more information:

**By Fax.** (24h.) +34.93. 432.29.95

**By Mail:** C/ Quetzal, 17-21, Entlo. 2º (08014) BARCELONA - SPAIN.

**By E-Mail:** [sat@cebek.com](mailto:sat@cebek.com)

**Keep you invoice.** For any repairing could you send this with module. Else, the module will lost the warranty.

All the module's CEBEK have **3 years of total warranty** in thechnical repairing, and spares from the date of buy.

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