



PM-7

PRE-AMPLIFIER FOR ELECTRICAL GUITAR.

The PM-7 is a mono pre-amplifier for electrical guitar, specially indicated to attack superior power stage without suppress quality.

It includes a potentiometer to adjust the gain as well as protection against polarity inversion.

TECHNICAL CHARACTERISTICS.

Voltage.	From 6 to 18 V. DC.
Minimum Consumption.	2 mA.
Maximum Consumption.	10 mA.
Minimum Input Signal.	5 mV.
Maximum Input Signal.	300 mV.
Maximum Output Signal.	2 V.
Input Impedance.	22 K .
Output Impedance.	1 K .
Frequencies Margin.	30 - 17.000 Hz.
Signal/Noise Relation.	80 dB.
Maximum Distortion.	0,05 %.
Protection against polarity inversion.	Yes.
Module Sizes.	50 x 35 x 20 mm.

OPERATING MODE.

POWER SUPPLY. The PM-7 circuit had to be supplied by a 6 - 18 VDC power supply correctly filtered. We recommend you to use the FE-2 power supply, which has been developed to perfectly answer to the circuit needs.

Connect the positive and the negative of the power supply to the respective positive and negative terminals of the module, indicated in the wiring map. The distance between the power supply and the module has to be as short as possible. Verify that the assembly is correct before to supply the module.

To obtain a correct module operating, we suggest you to insulate the module from mains parasites, then you have to install in the 230 VAC input a mains filter. See the paragraph "Mains Filter installation".

INPUT SIGNAL. Connect the input signal to the input terminals indicated on the General Wiring Map.

For the installation, the distance between sound origin and the PM-7 had to be as short as possible, and with a length maximum of 30 cm. More over, for the assembly you have to use shielded cable for low frequency.

The input signal could be supplied by auxiliary inputs, mixer desk, etc... but it never exceed 300 mV as maximum level.

OUTPUT SIGNAL. Connect PM-7 output terminals and the module or device used for the application. The cable length had to be as short as possible (maxi. 50 cm.), and you have to also use shielded cable for low frequency for the assembly.

GAIN ADJUSTMENT. Once input and output connections done, you have to connect the power supply and adjust, thanks to the indicated potentiometer, the module gain.

INSTALLATION. More over the shielded cable used for all connections, you have to connect the ground of the circuit to the chassis of the box. Then, you have to maintain a certain distance between with other modules, like power stage, who could dissipate a great heat. Install the module into a metallic enclosure well ventilated.

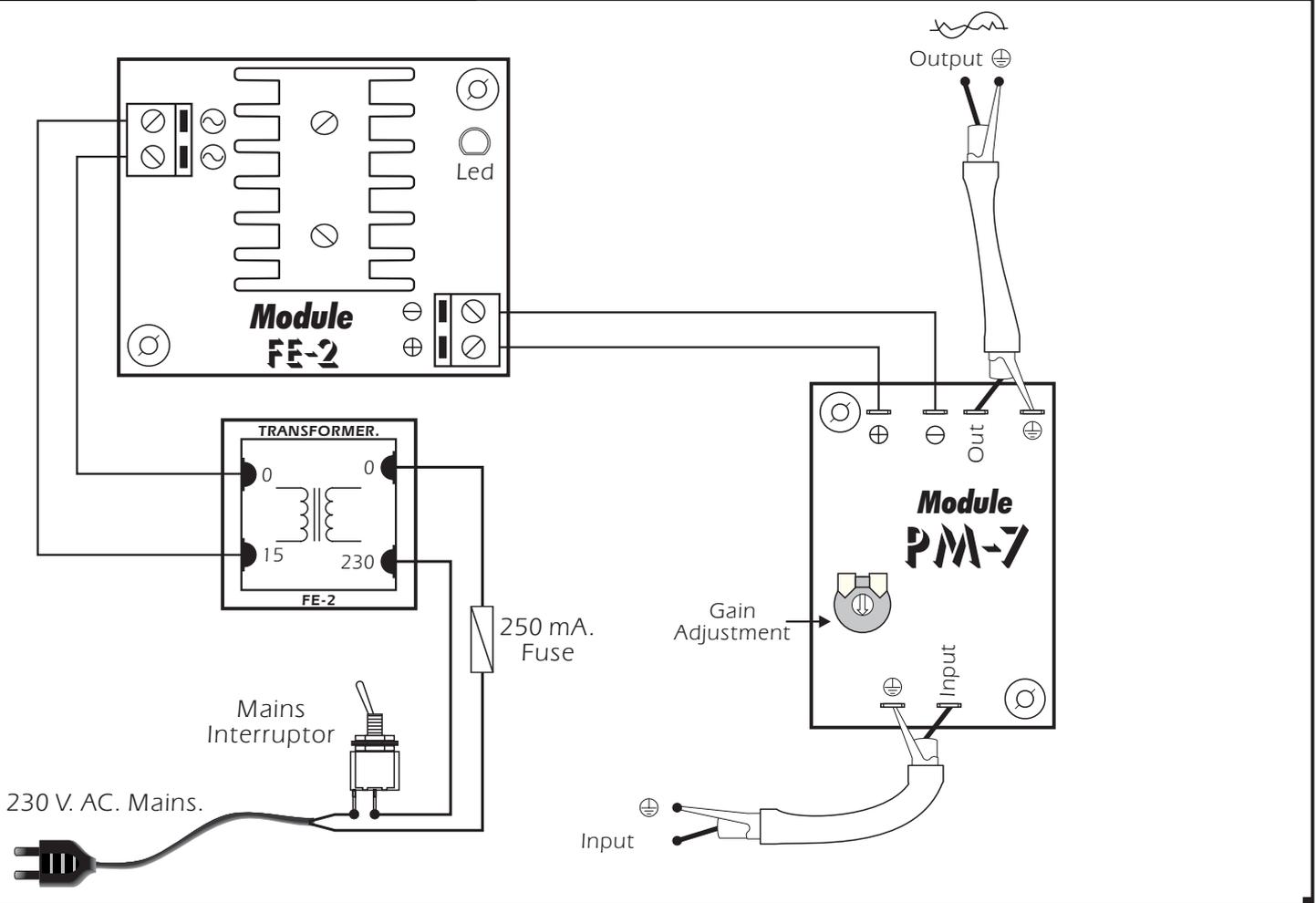


MONO PRE-AMPLIFIER

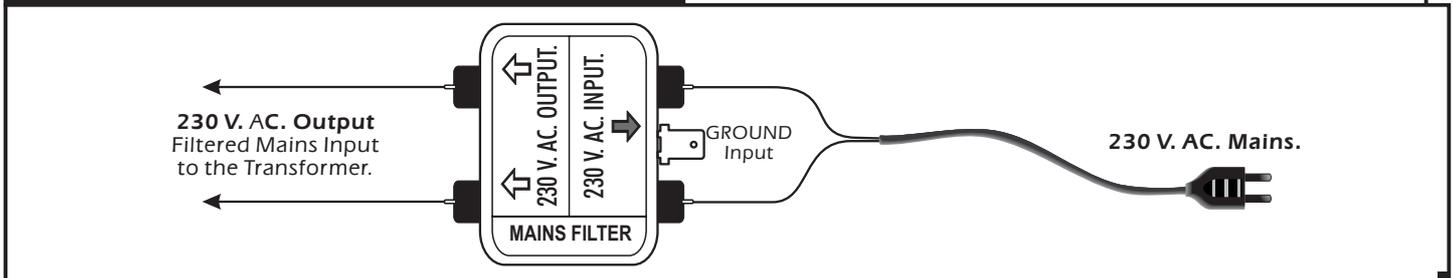
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PM-7

GENERAL WIRING MAP.



TO CONNECT A MAINS FILTER.



TECHNICAL CONSULTATIONS.

If you have any doubt, you could contact your wholesaler or our Technical Department.
 - Via E-Mail, sat@cebek.com | by mail P.O Box 23455 - 08080 BARCELONA - SPAIN.

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**3
YEARS**