



# XT-3

## MULTIPLE OSCILLATOR

The XT-3 module has been specially designed as reference, time basis, clocks, etc.... It uses a quartz and offers independent outputs according to the indicated frequency. It includes a Timer to allow you to calibrate to adjust frequencies and to modify them until 10 Hz as well as protection against polarity inversion.

### TECHNICAL CHARACTERISTICS.

Voltage. ....	From 5 up to 15 V. DC.
Medium Consumption. ....	10 mA.
Cristal Frequency . ....	4 000 KHz.
Frequency Stability . ....	20 p.p.m.
Frequency Outputs. ....	4, 2, and 1 Mhz
	500, 100 and 50 KHz.
	10, 5 and 1 KHz.
	500, 100 and 50 Hz.
	10, 5 and 1 Hz.

### OPERATING.

**POWER SUPPLY.** The XT-3 circuit had to be supplied by a 12 VDC power supply correctly filtered. We recommended you the FE-2 power supply which has been developed to perfectly answer to the circuit needs. Install a fuse and a switch has it i sindicated on the schedule. Both are necessary for the module's protection as well as for your own safety, as it is required by teh "CE" regulations. Connect the positive of the power supply to the positive terminal indicated in the wiring map, then connect the negative of the power supply to the negative terminal indicated in the circuit. **Verify that the assembly is correct.**

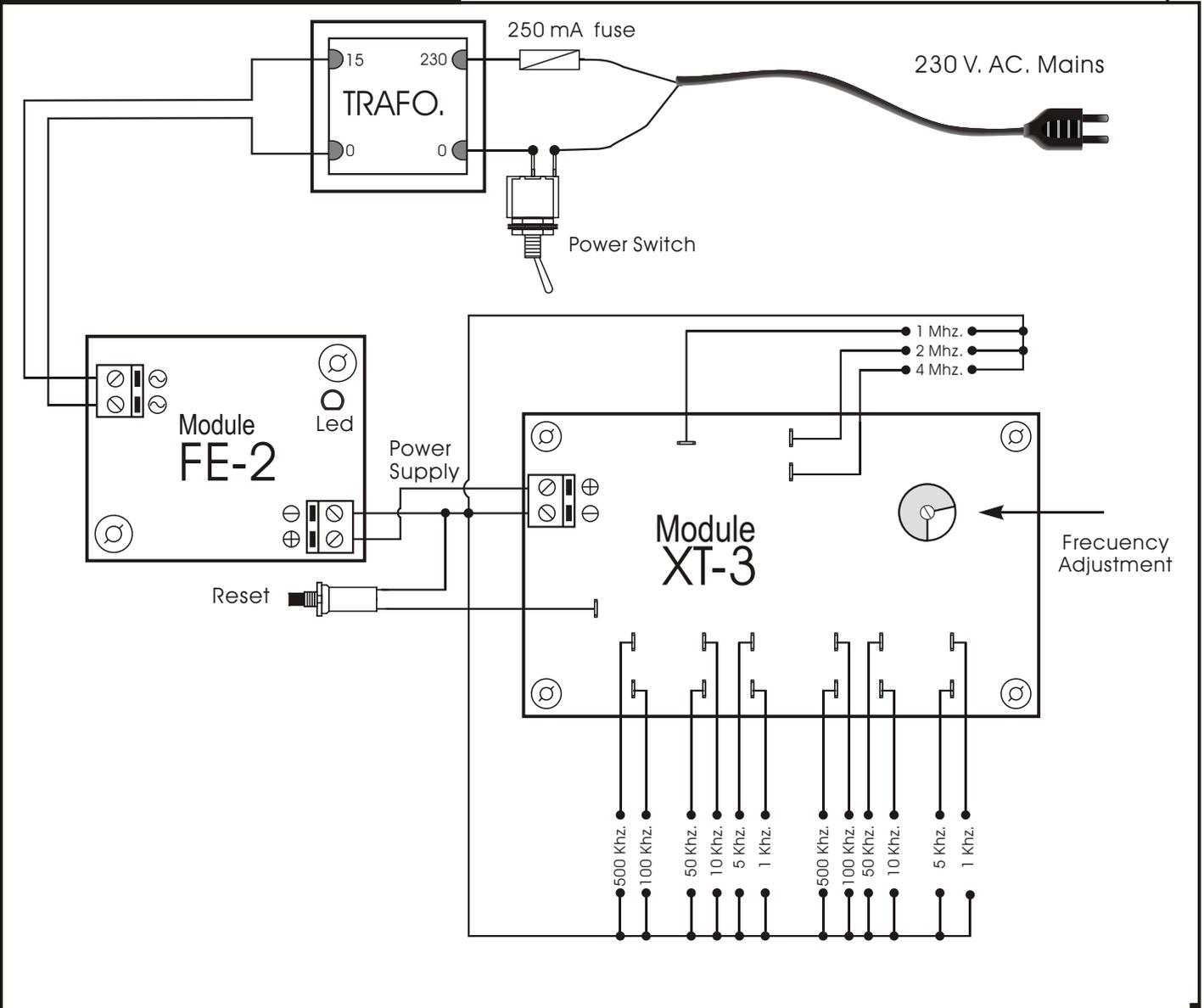
**OPERATING.** The XT-3 module is a quartz frequency generator, with a high precision and stability. The Circuit have been made thanks to the Integrated Circuit 4060 controlled by a Quartz. Divisor chaine is guaranted by 4013 and 4518 Integrated Circuit.

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It includes a Trimer to allow you to calibrate to adjust frequencies and to modify them until 10 Hz.



### GENERAL WIRING MAP.



### TECHNICAL CONSULTATIONS.

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

All the module's CEBEK have **3 years of total warranty** in the technical

**WARRANTY**  
**3**  
**YEARS**

**MORE 300**  
**MODULES.**

CEBEK is trade make of FADISEL S.L. more than 300 module's are available in stock for any purpose **request our CATALOGUE**, or visit