



CD-31

DIGITAL CLOCK.

The CD-31 circuit is a digital clock specially recommended for control panels, cars, or others applications requiring a better visualisation than a standard clock. The operating format is 24 Hours, indicating Hours and Minutes.

It is supplied by 12 VDC and the suggested power supply is the FE-2 or 12 VDC Battery.

TECHNICAL CHARACTERISTICS.

Operating Voltage	12 V. D.C. (from 9 up to 14)
Minimum Consumption	130 mA.
Maximum Consumption	215 mA.
Displays	4 Displays of 0,5 ".
Protection Against Polarity Inversions	Yes.
Clock Format	24 hours.
Recommended Power Supply	FE-2.

OPERATING.

POWER SUPPLY. The CD-31 circuit had to be supplied by a 12 VDC power supply.

Then, we recommended you the FE-2 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. Cables used to connect the power supply and the module had not to be too long.

Verify that the assembly has been correctly done.

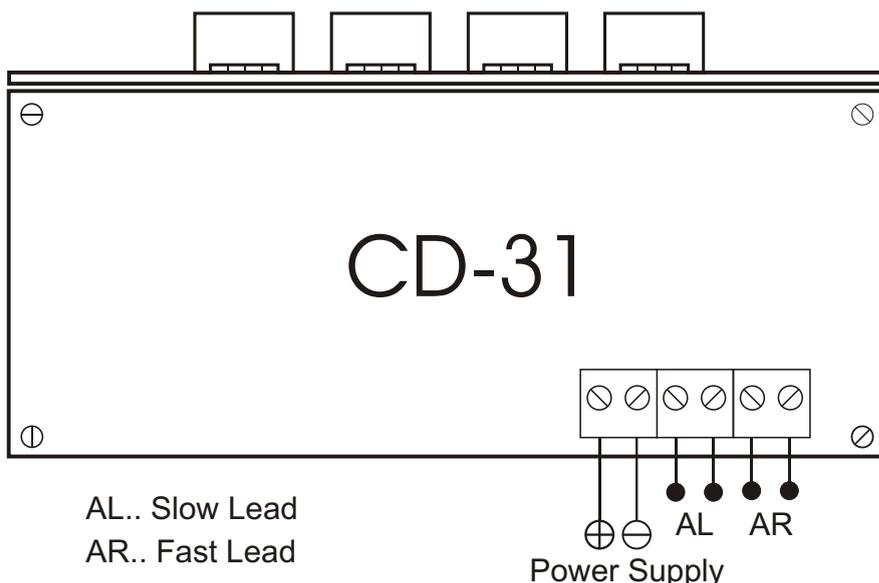
TO ADJUST THE HOUR. When you connect the CD-31 module to the power supply, a data will be displayed.

AS the circuit does not offer the possibility to count down, you could adjust the clock using the fast or slow lead. Connect a push button to the fast or slow lead terminal indicated in the drawing. We suggest you to use the fast lead for margins superior than 20 min.

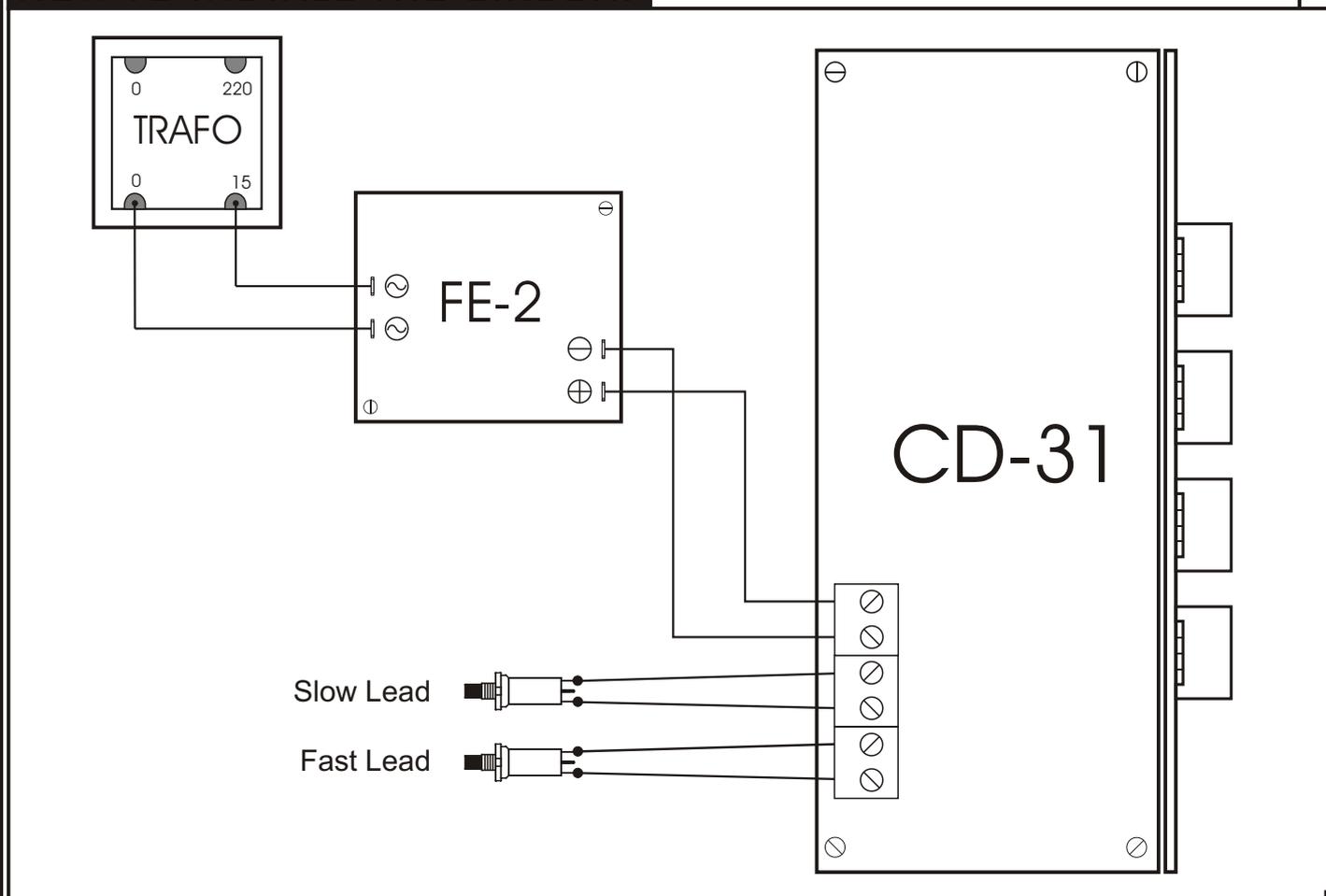
Do not forget that if you stop the button after the required hour, you have to advance 24 hours more up to reach the wished hour.

When the wished hour is adjusted in the module, the CD-31 will start the count up, and in the 24 hours format,

WIRING MAP.



HOW TO INSTALL THE CIRCUIT.



SUGGESTIONS.

Operating. Do not forget that if you stop to supply the CD-31 module during more than 2 sec. the memory clock will be erased. Use shielded cable to connect push buttons and try to install them at a distance inferior than 20 cm.

TECHNICAL SUPPORT AND INFORMATION.

For any questions or more information:

By Fax. (24h.) +34.3. 432.29.95

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

By E-Mail: cebek@sakma.es

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.

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 our Web.

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