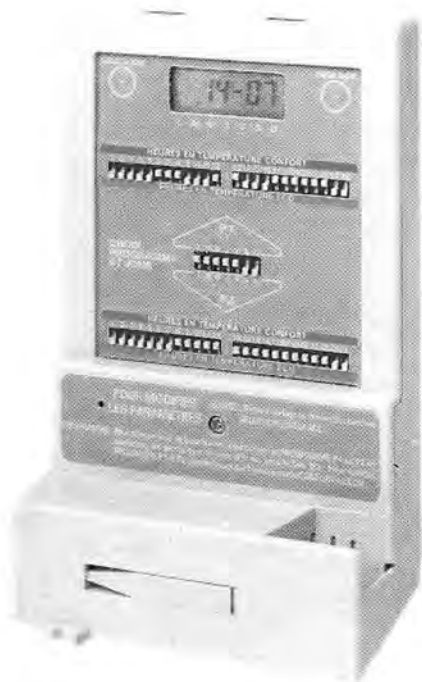


Installation and user's instructions

# Chronocarte

PROGRAM

Weekly heating programmer



Programming timer for 1 heater or 1 heating zone,  
compatible with models : **F18** and

**Tatou**



**atlantic**

ça marche tout simplement

# Installing the Chronocarte

## ① Installation precautions

☞ The Chronocarte can only be installed on Atlantic equipment forming part of the «Program» range (F18 Program or Tatou Program).

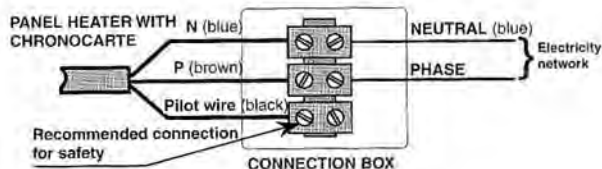
☞ Before installing the Chronocarte, make sure that the panel heater's pilot wire (black conductor) is connected to an empty terminal or to a control network including only heaters with electronic control (figures 1 and 2).

Never connect the pilot wire on the equipment containing the Chronocarte to:

- a phase conductor (figure 3)
- another programming timer or other panel heater fitted with a Chronocarte (figure 3).
- a neutral conductor (figure 4).
- an earth wire or terminal.

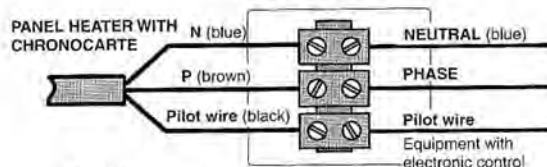
The panel heater fitted with a Chronocarte may control a maximum of 20 electronically controlled convectors or radiating panels.

### RIGHT



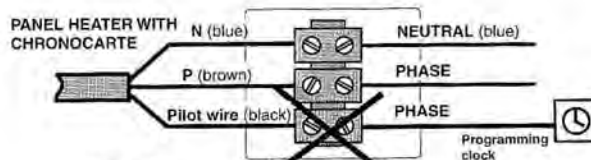
(fig. 1)

### RIGHT



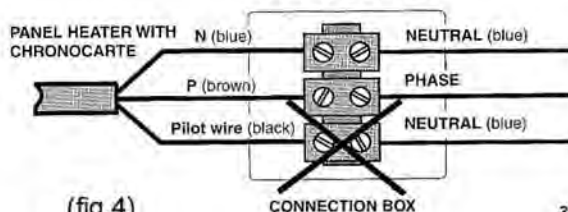
(fig. 2)

### WRONG



(fig. 3)

### WRONG



(fig. 4)

## ② Installation types

### 1) Individual programming (Fig. 5)

Only the panel heater fitted with a Chronocarte will be programmed.

- ⇒ The pilot wire for this panel heater should be connected to an empty terminal (Fig.5)

### 2) Programming on 1 zone (Fig. 6)

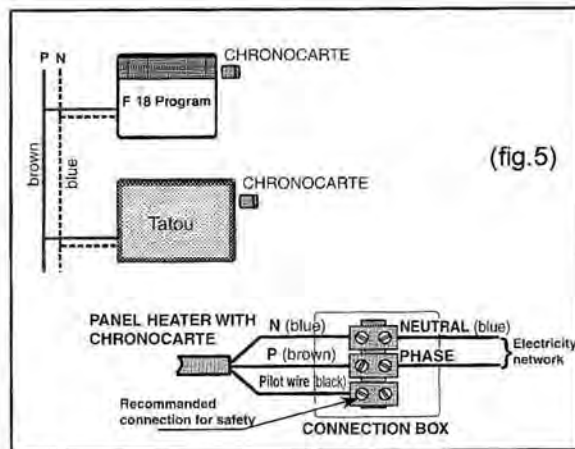
The panel heater that is equipped with a Chronocarte timer is considered the «master heater» and is to be connected to other panel heaters («slave heaters») through the pilot wire, when used as a central heating system in a given zone. The «master heater» transmits its program to the «slave heaters» in the heating zone.

- ⇒ All panel heaters connected to the «master heater» will receive the same program (Comfort and Economical settings) and will thereby form one heating zone.
- ⇒ Comfort and Economical settings can be adjusted individually on each «slave heater» connected by the pilot wire.

#### **Warning:**

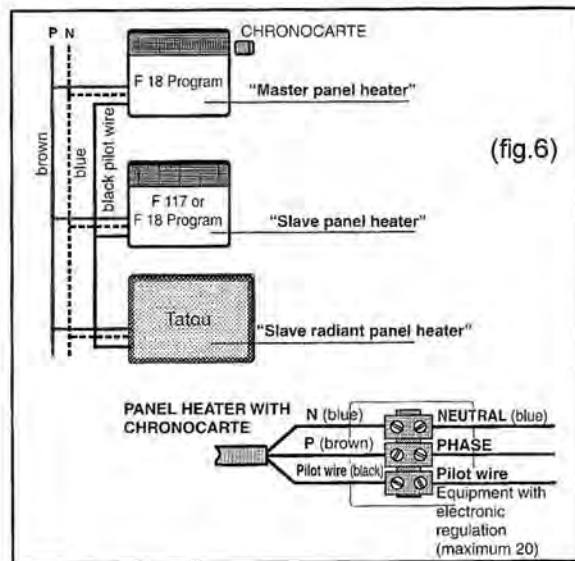
**Do not install two Chronocartes in a single programming zone.**

In a three-phase installation, **you must respect the connection polarities (phase, neutral)** for all panel heaters in the zone (blue = neutral).



(fig.5)

Example individual programming



(fig.6)

Example programming for 1 zone

### ③ Installation

- 1) Remove the cover from the panel heater after unscrewing the screw holding it in place (fig. 7).
- 2) Slide the Chronocarte into the housing provided for it in the thermostat casing.
- 3) Set the panel heater to the Program setting

Your panel heater is programmed and will transmit orders to other panel heaters connected via the pilot wire.

### ④ Endurance

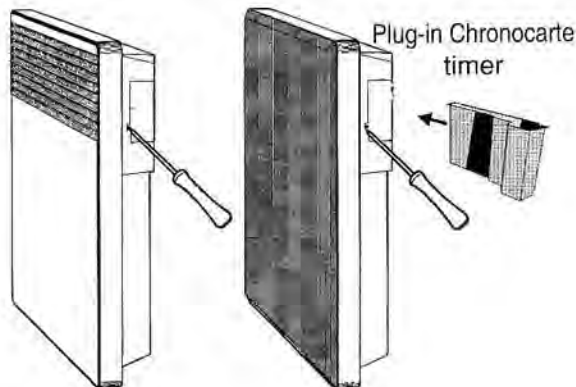
Your Chronocarte is originally equipped with two A6 type batteries. The endurance is at least 1 year after manufacturing. A weak battery light will light up on the display when the batteries have to be replaced (fig. 8).

«It is recommended that you should check the time and state of the batteries on chronocartes every year before the heating season, and if necessary reset the time or replace the batteries if the «PILES» signal appears».

### ONLY USE ALKALINE BATTERIES

Proceed as follows to replace the batteries:

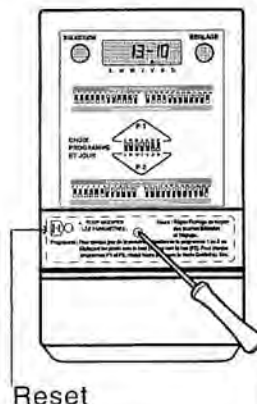
- 1) Use a screwdriver to open the housing by unscrewing the central screw (fig. 9).
- 2) Press in the 2 clips located under the handle (Fig. 10) using the screwdriver (fig. 10).
- 3) Open the housing and remove the batteries from their support.
- 4) Replace the batteries, inserting them in the housing carefully, respecting the indicated polarities (+, -).
- 5) Close the housing carefully using the screw.
- 6) Use a pin tip to «Reset to zero» and then reset the time and day settings on your Chronocarte (see page 10).



(fig. 7)

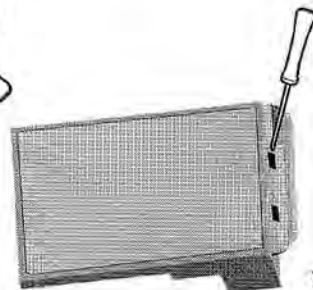


(fig. 8)



(fig. 9)

(fig. 10)



## ⑤ Safety fuse

The Chronocarte timer is protected by a fuse. If the fuse burns out, the Chronocarte will not transmit any programming and connected panel heater will operate in «Comfort» setting.

You must correct the cause of the problem before replacing the fuse (fig.11).

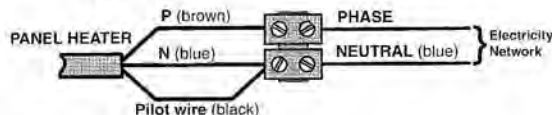
Proceed as follows to replace the fuse:

- 1) Remove the screw in the center of the housing (fig. 9).
- 2) Carefully open the cover by pressing in the two clips located under the handle (fig. 10).
- 3) Remove the defective fuse and replace it with one having the same rating - 100 mA.
- 4) Put the cover and screw back in place.
- 5) Use a pin tip to «Reset to zero», and then reset the day and time setting of your Chronocarte (see page 10).
- 6) Abnormal operation of the clock:  
If there is a clock display fault, use a pin tip to «Reset to zero» and then repeat the time and day settings on your Chronocarte (see page 10).

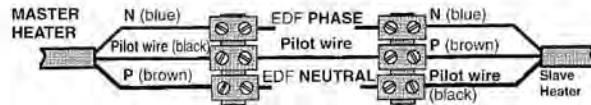
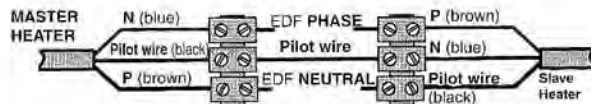
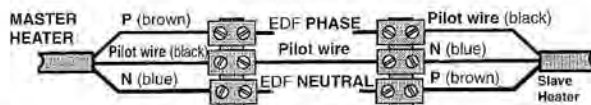
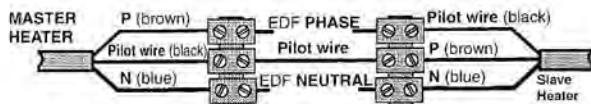
Note: if the fuse is going to burn out, it usually occurs when changing to Economical setting

(fig. 11): Main cases causing a fuse to burn out

- ① Connection of the black and blue wires together



- ② Power supply of the slave heater through the pilot wire



\* EDF : French Electricity Company

- ③ Simultaneous presence of a Chronocarte and another programmer on the same pilot wire.
- ④ Pilot line connected to panel heater with electromechanical thermostat.

## Using the chronocarte

### ① Setting the time and day

The Chronocarte is delivered set to the correct day and with «winter time». Proceed as follows if you want to change its settings, or after changing batteries:

1) Press on the «select» key:  
*the hours flash*

2) Use the «set» key to change the value if necessary.



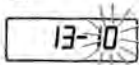
3) When the hours are correct, press the «select» key again: *the tens of minutes flash.*

4) Use the «set» key to change the value if necessary.



5) Press on the «select» key again when the tens of minutes are correct: *The units of the minutes flash.*

6) Use the «set» key to change the value if necessary.

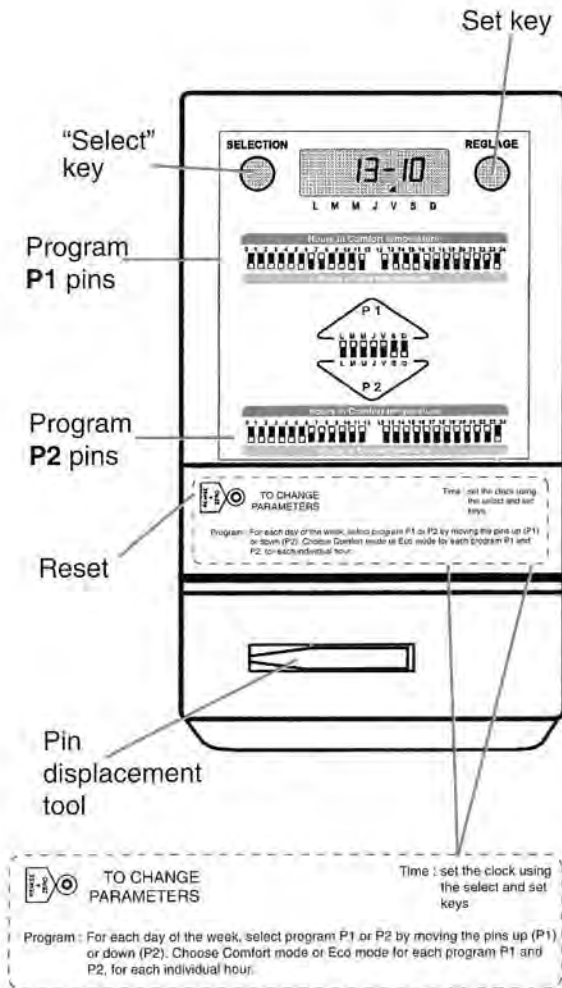


7) Press on the «select» key again when the minutes are correct, and *the triangle for the day flashes.*

8) Use the «set» key to change the value if necessary.



9) Press on the «select» key again when the day is correct.  
*Flashing stops and clock is set.*



(fig.12)

## ② Preset programming

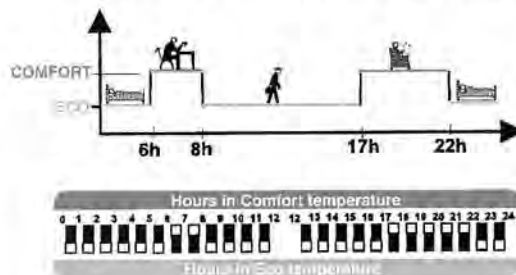
The Chronocarte is factory set for the following weekly program (see also on the back of the Chronocarte):

- from Monday to Friday  
three «**Comfort**» temperature periods are set:  
6h to 8h  
11 h to 13 h  
16 h to 23 h
- From Saturday to Sunday,  
one «**Comfort**» temperature period is set:  
6 h to 23 h
- The temperature outside these periods will automatically be set to «**Eco**» mode.

## ③ Modifying programs

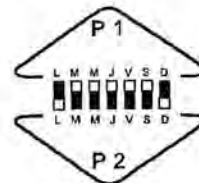
- 1) You have been provided with a tool for moving the Chronocarte pins (fig. 12).
- 2) You can change the programming hour by hour and day by day as you wish, choosing among the two programs as a function of your life style (see example fig. 13).

- Example programming for a living room:  
A person works outside from Tuesday to Saturday from 8:00 to 17:30, followed by two days of rest: Sunday and Monday.

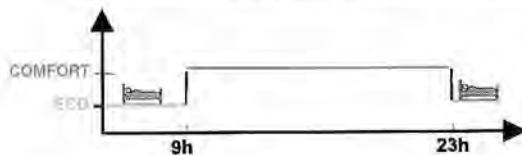
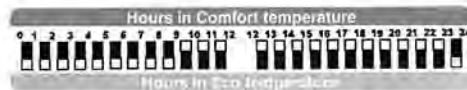


- ⇒ Program P1 from Monday to Saturday:  
"Comfort" heating from 6:00 to 8:00 (breakfast) and from 17:00 to 22:00.

CHOOSE  
PROGRAM  
AND DAY



(fig.13)



- ⇒ Program P2: Sunday and Monday  
«**Comfort**» heating from 9:00 to 23:00.

#### ④ Setting the temperature

The Comfort and Eco temperatures are set on the «master» panel heater and on each «Slave» panel heater.

- a) **The Comfort temperature** is the desired temperature when somebody is in the heated zone.
- b) **The «Eco»\* temperature** is the desired temperature when nobody is present. It is usually 3 to 4°C less than the "Comfort" temperature.




Warning: room heating times depend on the difference between the Comfort and Eco settings.

\* Note: It is only possible to set the Eco temperature on panel heater on which a Chronocarte can be fitted.

The Eco temperature cannot be set on other types of equipment, and will correspond to a temperature of 3°C below the Comfort temperature.

#### ⑤ Choice of operating mode

The panel heater on which the Chronocarte is fitted is equipped with an operating mode switch.

- STOP** = Panel heater completely switched off
-  = Comfort: Permanent comfort setting regardless of the Chronocarte mode.
-  = Eco: Permanent Economical setting regardless of the Chronocarte mode.
-  = Program: Alternation between Comfort and Eco settings depending on the chronocarte program.

#### Warning:

The Chronocarte program will always be transmitted through the pilot wire to any slave panel heater, regardless of the switch position on the panel heater.

The changeover to manual mode on the «Master» panel heater has no influence on the slave panel heater which always remains in the settings (Comfort or Eco) defined by the Chronocarte if in Programme mode.



# GUARANTEE CONDITIONS

## DOCUMENT TO BE KEPT BY THE USER

*(produce the certificate only when making a complaint)*

- . The warranty period is defined by the Atlantic Master Distributor in each country.
- . The Master Distributor will replace or supply parts recognized as being defective, but will not be responsible for any damage caused.
- . The User is responsible for the costs of labour, travel and transport.
- . The guarantee does not cover damage caused by installations that are not in conformity with existing standards, abnormal use or failure to respect the instructions in this manual.
- . Produce this certificate only when making a complaint to your distributor or your installer.

EQUIPMENT TYPE

SERIAL N°

CUSTOMER NAME AND ADDRESS

S.A.T.C.

Service-Assistance-Technique-Clients  
Z.I. Nord, rue Monge  
85002 LA ROCHE SUR YON Cedex  
Tél. : 02 51 44 34 67  
Fax : 02 51 44 34 26

DISTRIBUTOR

ATLANTIC AUSTRALASIA  
4 13-25 Church street  
Hawthorn Victoria 3122

Free call: 1800 677 857  
Phone: 03 9852 9599  
Fax: 03 9852 9844  
[www.atlantics.com.au](http://www.atlantics.com.au)

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