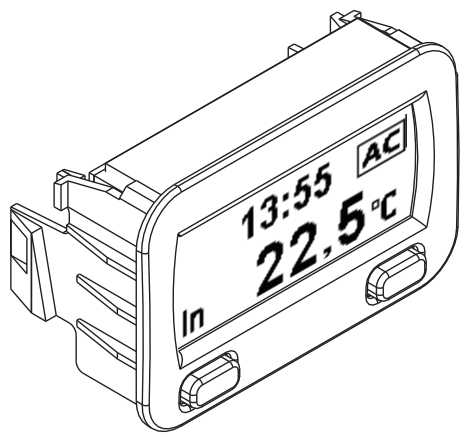


**checkTEMP** *Time*



**MANUALE DI INSTALLAZIONE  
INSTALLATION MANUAL  
INSTALLATIONSANLEITUNG  
NOTICE D'INSTALLATION  
MANUAL DE INSTALACION**

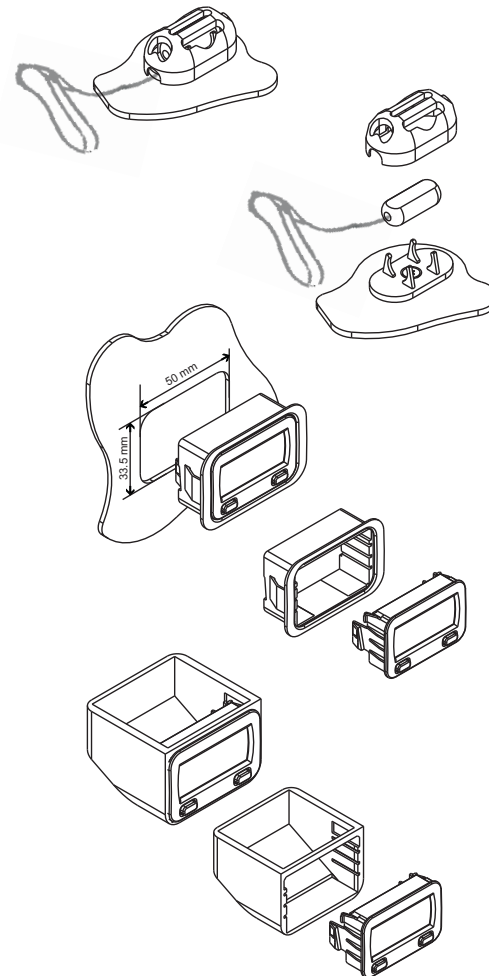
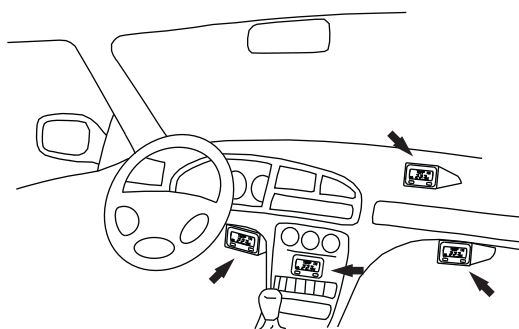
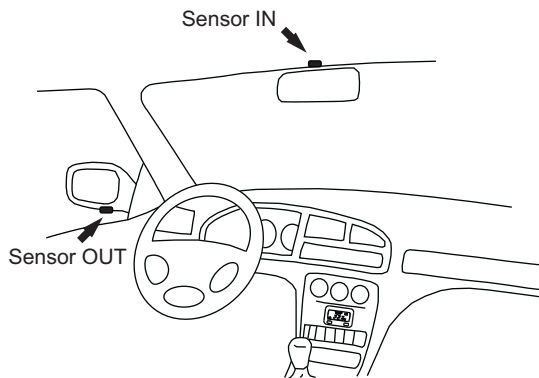


**POLITECNICA 80**  
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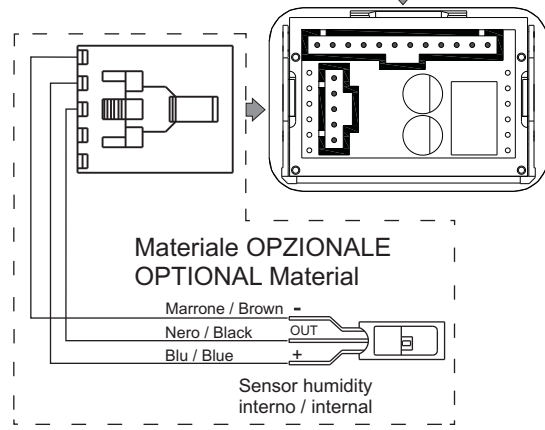
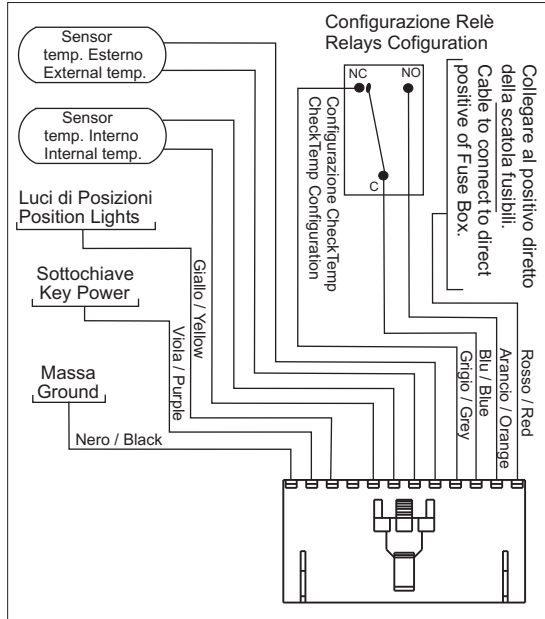
Rev.0

**Suggerimento per la posizione interna ed esterna delle sonde.**

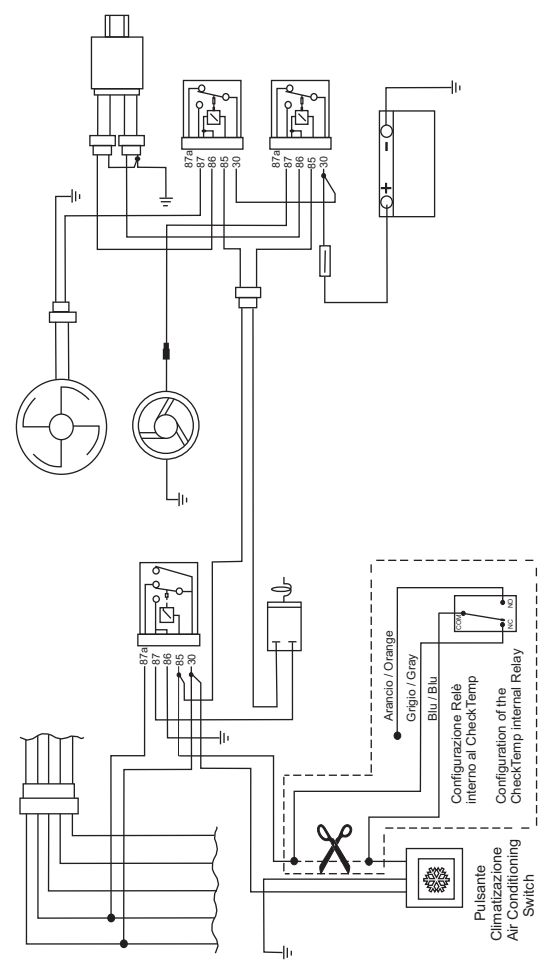
**Advised position for the internal and external sensors.**



**Schema Elettrico CheckTemp Time  
Electrical Diagram CheckTemp Time**



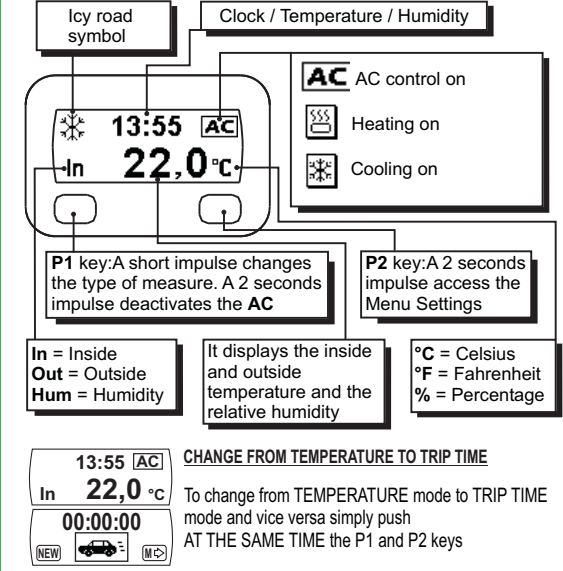
**Schema Elettrico universale per Climatizzazione  
Universal Electrical Diagram for the air Conditioning**



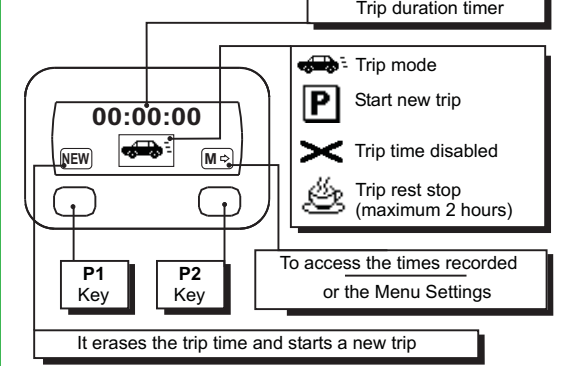
**ENGLISH**



**Mode Temperature**



**Mode Trip Time**



## Menu Settings

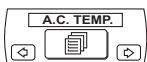
### MENU SETTINGS

By holding down the P2 (RH) key for about 2 seconds, you can access the Menu Settings made up of 12 functions, selectable in this way:

- Press down shortly the P1 or P2 key to scroll back and forth the 12 functions

- Hold down the P2 key for 2 seconds to modify / confirm the chosen function

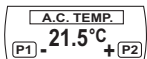
- Hold down the P1 key for 2 seconds to exit the menu



#### STEP 1: "AIR CONDITIONING"

Adjust the thermostat temperature from 18°C to 29°C

- To confirm, see "MENU SETTINGS"



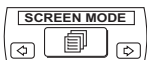
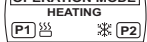
#### STEP 2: "MODE OPERATION"

Select the operation of the thermostat between

- HEATING

- COOLING

- To confirm, see "MENU SETTINGS"



#### STEP 3: "MODE SCREEN"

Select the mode of displaying the data in 3 ways:

- DATA ROTATION

- BELOW AND TIME ABOVE

- FIXED DATA BELOW AND

DATA ROTATION ABOVE

- FIXED DATA

BELOW AND TIME ABOVE

- To confirm, see "MENU SETTINGS"



#### STEP 4: "ICE"

Set the temperature threshold for the alarm

"Icy Road" from -5°C to +5°C

- To confirm, see "MENU SETTINGS"



#### STEP 5: "ICE ALARM"

Activate / Deactivate the acoustic warning for "Icy Road"

- To confirm, see "SETTINGS"



#### STEP 6: "ADJUST TIME"

Set the time in Hours:Minutes

- To confirm, see "SETTINGS"



#### STEP 7: "ADJUST DATE"

Set the date in Day/Month/Year

- To confirm, see "SETTINGS"



#### STEP 8: "SET CONTRAST"

Set the contrast of the LCD screen

- To confirm, see "SETTINGS"



#### STEP 9: "SET BACKLIGHT COLOUR"

Set the backlight colour: you can choose among 4 "BASE" colours (Red, Green, Blue, White) by holding the P1 key (as shown in picture [2]).

When the Red, Green or Blue base colours are displayed, you can access the menu in picture [3], where you can fine tune the colours going from Red to Blue, Green to Red or Green to Blue using the P1 and P2 keys.

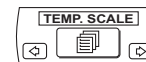
- You can confirm your choice as shown in picture [4].



#### STEP 10: "SET BRIGHTNESS"

Set the brightness of the backlight

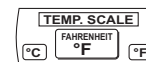
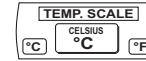
- To confirm, see "MENU SETTINGS"



#### STEP 11: "SET TEMPERATURE SCALE"

Set the temperature scale choosing between CELSIUS and FAHRENHEIT modes.

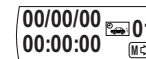
- To confirm, see "MENU SETTINGS"



#### STEP 12: "CHANGE LANGUAGE"

Choose the menu language among: ITALIAN, ENGLISH, FRENCH, GERMAN and SPANISH

- To confirm, see "MENU SETTINGS"

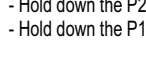
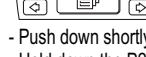
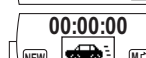


#### "MENU TRIP TIME"

In "TRIP TIME" mode, P2 key performs two functions:

- By holding down shortly the key, you can display the 10 memories previously saved

- By holding down the key for about 2 seconds you can access the Menu Settings made up of 3 functions, selectable in this way:

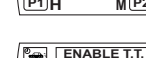
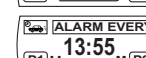


#### STEP 1: "TRIP ALARM"

Set the time interval in Hours: Minutes between

alarms suggesting a TRIP REST STOP

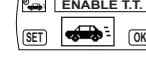
- To confirm, see "MENU SETTINGS"



#### STEP 2: "ENABLE TRIP TIME"

Activate / Deactivate the recording of TRIP TIME

- To confirm, see "MENU SETTINGS"





### **STEP 3: "ALARM TYPE"**

Select the type of warning, ACOUSTIC or VISUAL,  
for the suggestion TRIP REST STOP  
- To confirm, see "MENU SETTINGS"



Note 1: The activation or deactivation of A/C control is confirmed by a **3-TONES** acoustic signal and by the "**AC**" symbol in the upper right corner of the display.

Note 2: The temperature sensors (internal and external) must be installed by using exclusively the support supplied. They must be placed away from heat sources or enclosed areas (such as door posts, air vents, inside the dashboard etc.).

Advised positions:

External sensor: under the outside rear-view mirror

Internal sensor: over the inside rear-view mirror

Note 3: The humidity sensor must be installed by using exclusively the support supplied. It must be placed away from heat sources and areas exposed to direct sunlight.

Advised position:

Over the inside rear-view mirror

Note 4: For a correct functioning of this device, it is advisable to connect the red wire (positive) directly to the fuse box.

### **TECHNICAL SPECIFICATIONS**

Range of temperature measure:

from - 30°C (-22°F) to +100°C (212°F)

with 0,3°C (0,54°F) sensitivity.

Error of measure:

MIN +/- **0,3°C (0,54°F)** at +25°C (+77°F)

MAX +/- **0,9°C (1,62°F)** at -35°C (-31°F) and +100°C (+212°F)

Operating range:

From - 20°C (-4°F) to +70°C (158°F)

Relative humidity: from 0% to 100% +/- 2%

Power 12V