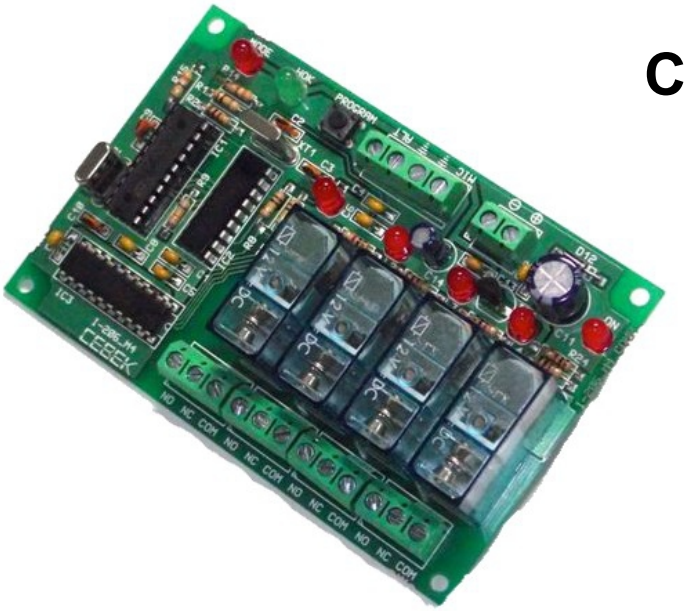
TELEPHONE REMOTE CONTROL FOR MOBILES 4 channels

I-207.4



TECHNICAL CHARACTERISTICS

Power supply : 12 V DC.
Maximum consumption : 240 mA.
Relay outputs / Maximum load : 230 Vac / 3A max
Net weight : 124 grams
Dimensions : 10 x 72 x 27 mm
Working temperature : 0 º C to 50 º C
Recommended power supply : FE 113
DIN rail : C-7568

The team performs the functions of telephone butler
It is designed to connect to the hands-free cable output of mobile phones that have the automatic answering function.
It is scheduled by making a phone call
It has 4 relay outputs with NC and NO contacts for greater versatility
Response to commands with low and high tones
Important . If you have activated the answering machine or call forwarding, you must deactivate them on your mobile phone.

Functioning
When the power is connected, the device indicates this with the ON LED on steadily.
The device will always respond with “beeps”. It has 3 different answers
– Response ON 1 high-pitched beep (2 Khz)
– Response OFF 3 high-pitched beeps (2 Kfz)
– Error 1 long low beep (300 Hz)
HOK LED
– Fixed when the correct password has been entered
MODE LED
– Flashes when waiting for a command when the password is correct
– Fixed when in programming mode

Hang/pick up functions
The I 207 does not control the mobile phone, it only uses the hands-free cable output to obtain control signals.
- Pick up function: the mobile phone must have the “automatic pick up” function activated. The mobile phone will go off hook when receiving a call, and connect the I 207
- Hang up function: the user will do it from the phone they are calling with
Note: If the I 207 does not receive any data for 30 seconds, it goes into sleep mode.

PROGRAMMING
The programming will be done from the telephone with which you call I 207

DESCRIPTION OF THE COMMANDS
Once the KEY has been entered, the equipment is ready for use and programming.

HOK Led fixed, MODE Led flashing
It is responded to by the described beeps.
The key sequences are as follows:
- Key (1-4): output status, BEEP ON or OFF indication.
- Key * + (1-4): connect output. BEEP ON indication
- Key # + (1-4): disconnect output. BEEP OFF indication
- Key 0 + ACCESS KEY: programming. It is inserted again for security. Any error will be indicated by the beep corresponding and will take us to the beginning of the service menu (that is, to the sequence after entering the password).

EQUIPMENT PROGRAMMING
Once in programming, the parameters to modify are KEY and OUTPUT MODE.
Key sequence:

- IMPORTANT – to change the programming you must always enter
- first the access code.
- MODE Led: Fixed, HOK Led: Fixed
- Key * + 4 digits (1-9): new access code. BEEP ON indication. The factory key is 1234.

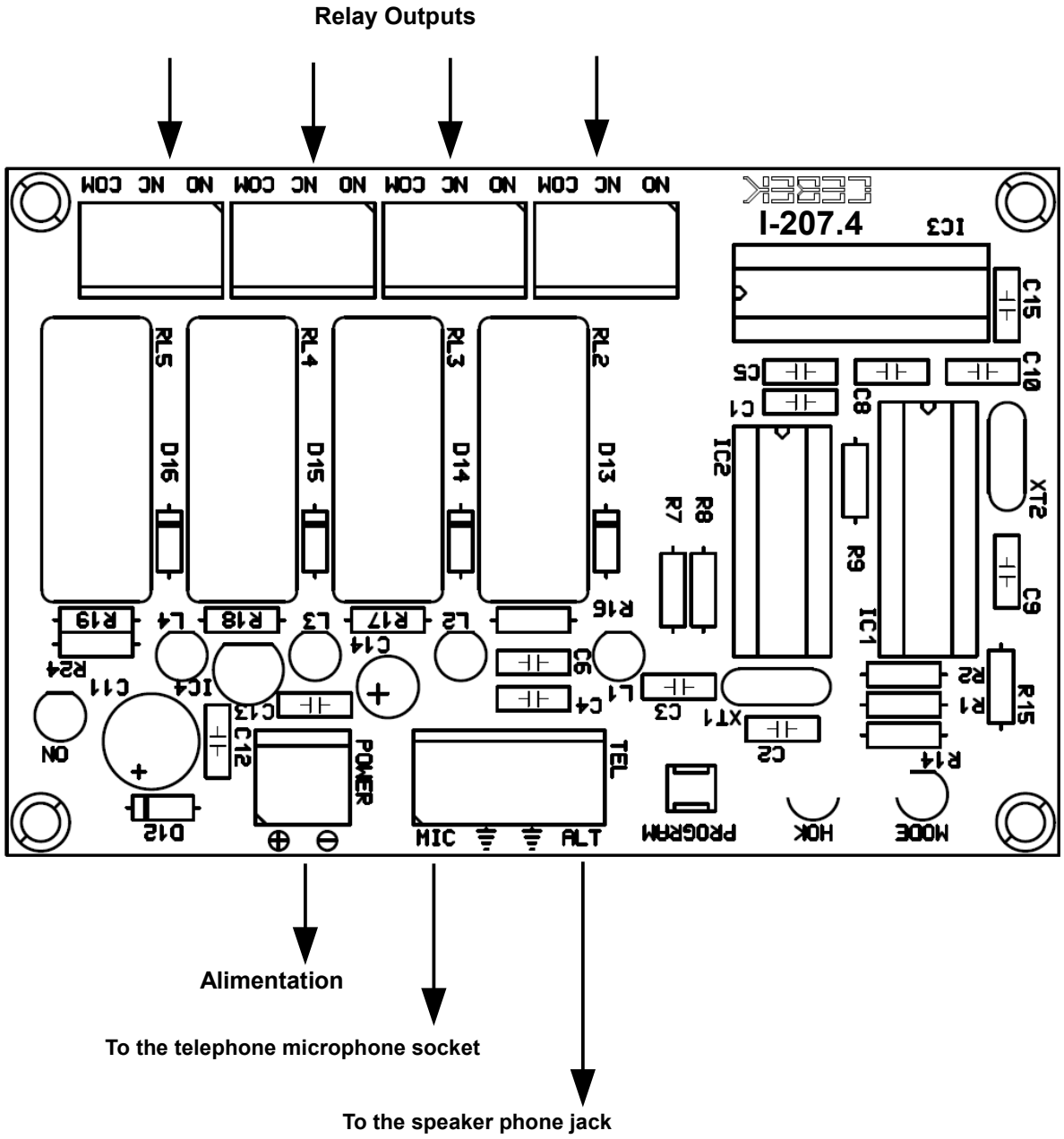
When changing it, be sure to keep the place safe, it is not possible
- access the equipment without it. If you lose it or do not remember, you must
- reset the device and leave it as it came from the factory
- Key (1-8) + *: FLIP-UP function. BEEP ON indication.
- Key (1-8) + #: TIMED function. Beep OFF.
- If the function is timed, 4 figures (1-0) must be entered that indicate the connection time in minutes and seconds. 3456= 34' 56".
- The factory parameters are TIMED mode and time 00:01.
- Key 0: exits programming and returns to the initial menu.

MODE Led Flashes, HOK Led Fixed
Any error will be indicated with the corresponding beep, and will take us to the beginning of the **PROGRAMMING** menu right after
to enter the factory key

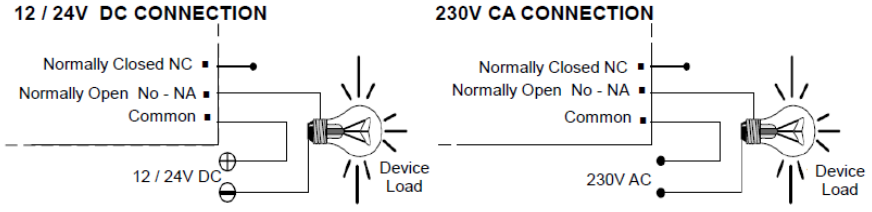
RESET FUNCTION
There is a way to reset the device to factory settings. It can only be DONE from the same computer.
Sequence:

1. Press 'PROGRAM' for 5", the LEDs flash.
2. Press * + * + 9 + 9 + #.

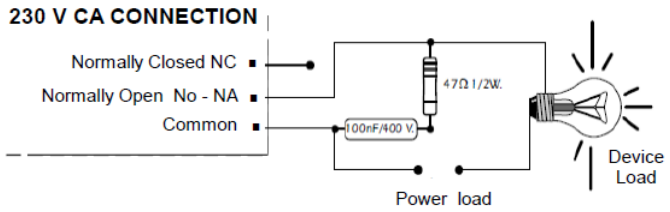
CONNECTED



OUTPUT CONNECTION. BURDEN. The output is carried out through a relay, a device that accepts any type of load that does not exceed 3 A. The relay has three output terminals. The Normally Open at rest (NO), the Normally Closed at rest (NC), and the Common. The operation of this mechanism is identical to a switch, whose two terminals will be the NA and the Common.
To perform the reverse function, the NC and Common terminals must be used. The figure shows the typical connection for a device operating at 12 V. DC. and another with operation at 230 V. A.C.

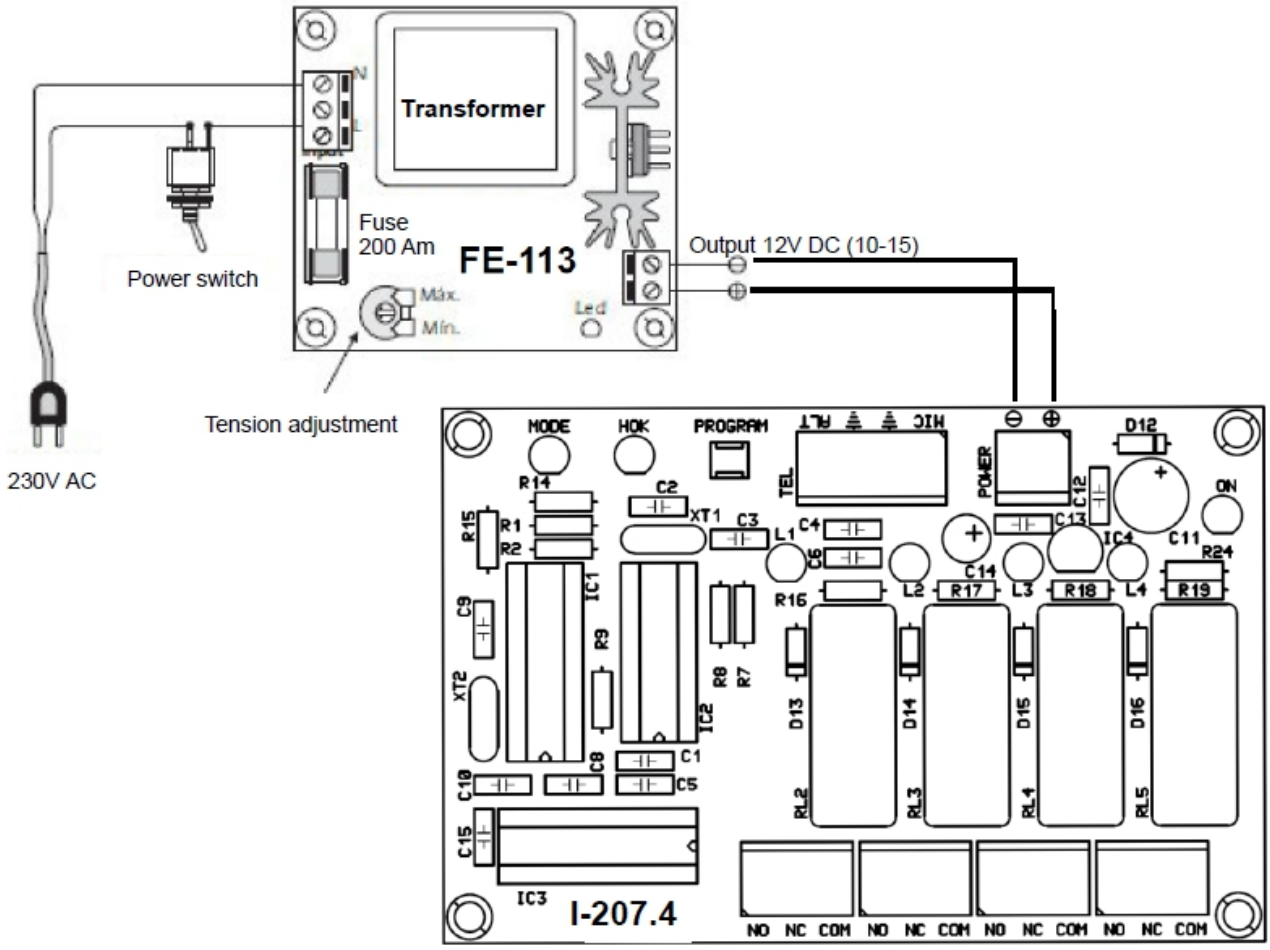


CONSIDERATIONS ON DEPARTURE. During the operation of the circuit, and depending on its load, a fluctuation or incorrect operation of the output may occur. If this occurs, install an anti-spark circuit between the two relay contacts used in the connection, as shown in the drawing.



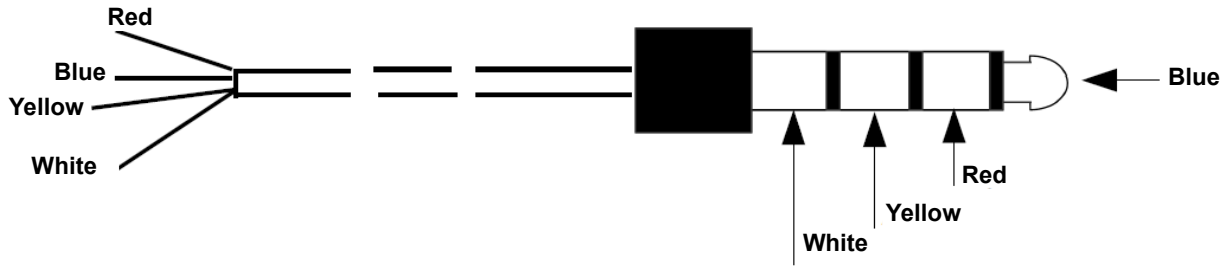
FOR LOADS SUPERIOR 50W

NOTE : To connect loads to 12 V. DC, eliminate resistance and put only capacitor

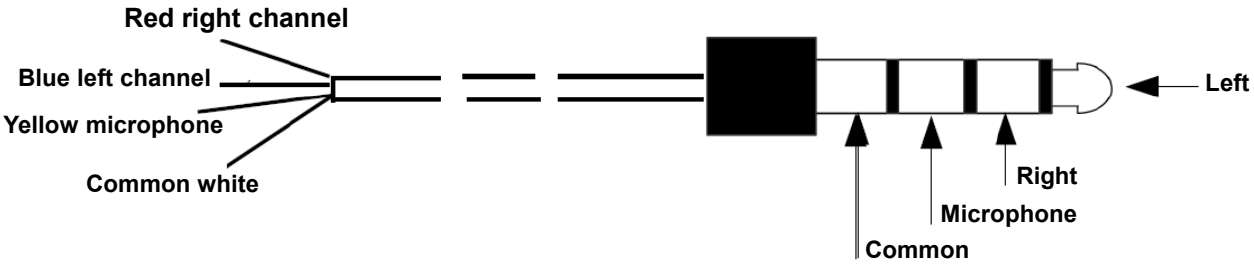


Connecting the I 207 to the mobile phone

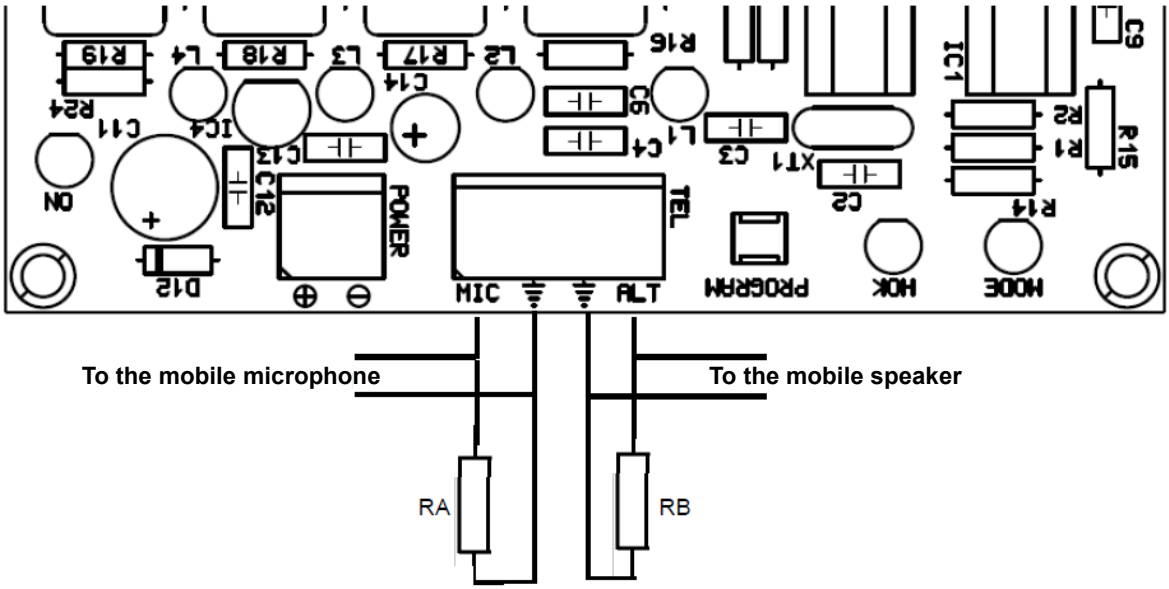
IMPORTANT - Do not connect the cable to the mobile phone until instructed to do so. Together with the I-207 you will find a cable to connect to mobile phones that have a hands-free cable input with a 3.5 connector. This connector is standard in several mobile phone manufacturers, with the connection varying depending on the manufacturer.
The cable diagram is as follows



We show you the connection for Nokia mobile phones



Connection diagram between a mobile phone and the I 207

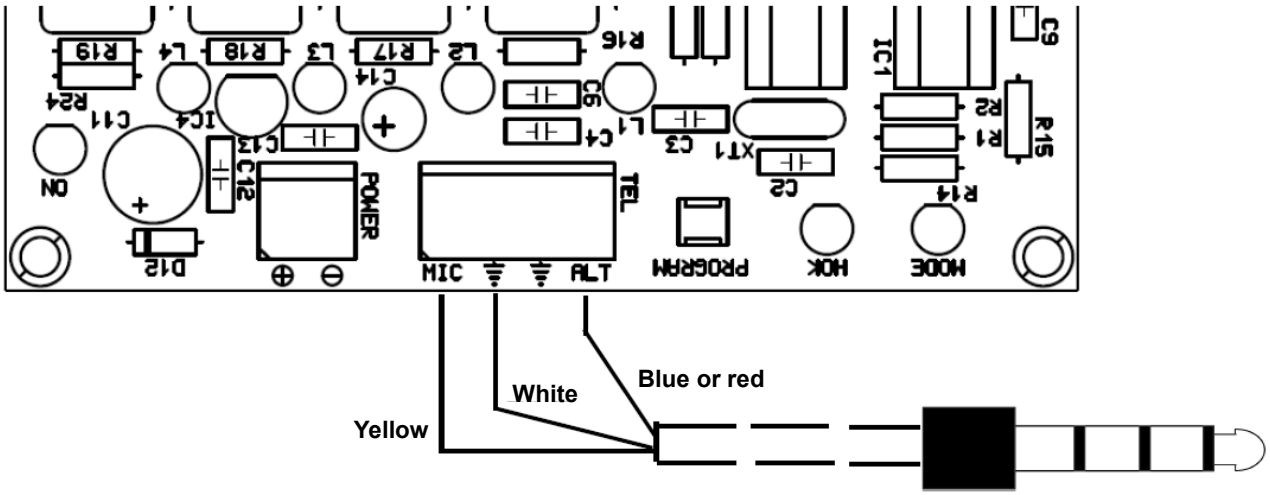


Note on Res A and Res B

Resistors A and B are optional, although in most cases their use is necessary.
To make sure, do the test first without the resistors, if the phone does not detect the hands-free accessory, put them on and repeat the test.
Resistor values (including I 207):
Res A 1 K (brown, black, red)
Res B 47 ohm (yellow, violet, black)

IMPORTANT - Do not connect the cable to the mobile phone until instructed to do so.

Connection diagram between a Nokia mobile phone and the I 207



NOTE: Connect only one, red or blue, never both.

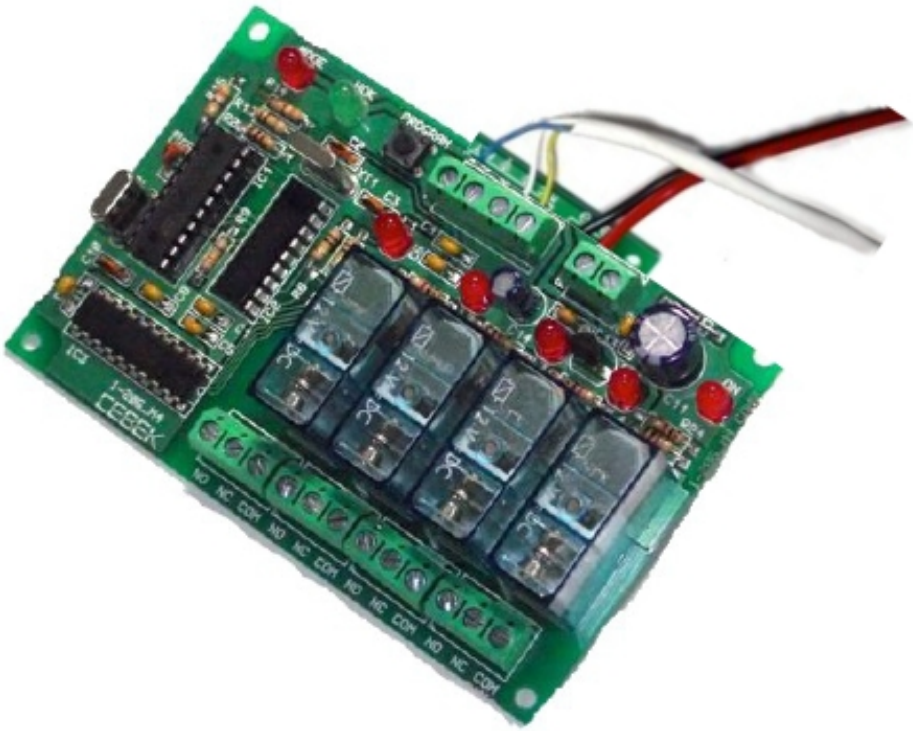
Mobile phone settings

You must configure the phone so that when you receive a call it automatically goes off-hook and sends the sound through the hands-free cable.

We indicate the steps to follow on a Nokia phone, for other manufacturers consult your phone's instruction manual

1 – Select Menu
2 – Select Tools
3 - Select Setting Accessories
4 - Select Portable Hands-Free
5 - Select Automatic Response
6 - Select Activate
7 - Select back until you reach the initial screen

Connect the cable to the mobile phone, the headset symbol should appear on the display, indicating that the hands-free has been detected and the I 207 is ready. If the hands-free is not detected, install Res A and B as indicated in the connection diagram in the previous section



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