

A.BOX FUNCTIONS

The A.BOX board is equipped with 2 alarm outputs (NO - NC - COM contacts clean and positive and negative fastons 12Vcc OUT SIREN), 4 inputs (230Vac-400 Vac IN NETWORK for board power supply, NO clean contact, NC clean contact and positive and negative fastons BATTERY INPUT 12Vcc). It is also equipped with 2 jumpers (called "JP1-EXL. TIMER and JP3 ALARM RESET) for 3 different operating modes:

- 1- **1- With both jumpers inserted** the alarm outputs are activated if the N.C. contact is opened. or if the N.A * contact is closed. When the contacts are reset, the alarm outputs are also reset automatically and immediately.
- 2- **2- With jumper "JP3-RIPR. ALARM "disarmed** the alarm outputs are activated if the N.C. contact is opened or if the N.A * contact is closed. When the contacts are reset, the alarm outputs are not reset, but it is necessary to press the reset button on the synoptic or insert the jumper.
- 3- **With both jumpers disconnected** the alarm outputs are activated if the N.C. contact is opened. or if the N.A * contact is closed. In this mode, the "OUT SIREN" alarm is managed by a timer, with a time that can be set using a trimmer called "DELAY TIME" (from 20 to 120 seconds in an counterclockwise direction). At the end of the time elapsed, the "OUT SIREN" alarm output will be reset, while the relay alarm output will always remain active. To reset this alarm output, press the reset button on the synoptic, or insert the jumper JP3-RIPR. ALARM.

The MUTE key and the SIREN ACTIVATION key on the synoptic panel will always be possible for the OUT SIREN alarm output, while the TEST key will activate both alarm outputs for the duration of the pressure only if the jumper JP1-EXL. TIMER is inserted, otherwise it will only activate the OUT SIREN alarm output.

The red LED on the synoptic panel is connected only to the relay alarm output, therefore if the relay alarm output is active the red LED will remain on.

When the mains power is present, the board maintains the charge of the buffer battery.

N.B .: when you are in a power failure situation and the board is powered by the buffer battery, the blue LED PW is not lit.

*** If you use the N.O. alarm contact input the alarm contact input N.C. must be short-circuited.**