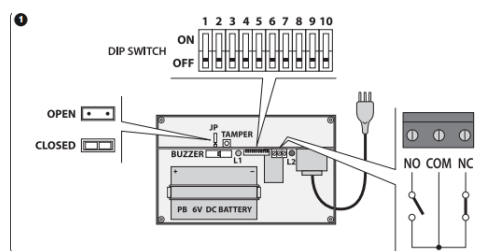


## Nice HSRT

HSRT is fitted with 10 Dip Switches and a Jumper "JP" (fig 1) for programming. By default, none of the functions are active, but can be activated by setting the relative dip switch to ON; the jumper JP is closed by default and therefore the function is active. Table 1 shows the functions of the 10 dip switches.



### Programmable functions

Dip Switch	Function
1	Repetition of control unit radio signals
2	Repetition of detector radio signals
3	Repetition of remote control and keypad radio signals
4	Repetition delayed by 2 seconds, recommended in the case of 2 HSRT (*)
5	Not used
6	NO input enable
7	NC input enable
8	Power failure signal (after 30 minutes)
9	Internal buzzer enable (repeats on each control unit activation/deactivation)
10	Enable of alarm due to simultaneous radio disturbance on the 2 working frequencies.
Jumper "JP"	Open: "Test" led only indicates retransmission in progress Closed: "Test" led also indicates the control unit activated/deactivated status (**)

NOTES: (\*) Delayed repetition is not recommended if there are two detectors in the environment set to the AND function, due to the increased risk that signal repetition of the first detector may collide with transmission of the second detector. (\*\*) For this function, when HSRT is turned on for the first time, it memorises the radio code transmitted by the control unit on initial power-up. If HSRT is subsequently moved to another control unit, the previous code must be deleted. For this reason, switch off HSRT (also detaching the internal battery), set dip switch 9 to OFF and open JP, then power up HSRT

Memorisation:

To use only the signal repetition function, no memorisation procedure is required: simply activate (set to ON) the Dip Switches (1, 2, 3) of the required signals and if relevant activate delayed repetition (Dip Switch 4) or enable the internal buzzer (Dip Switch 9). Then connect the internal battery, close the housing and insert the plug in a power socket

If the specific signals of HSRT are also required, they must be memorised accordingly on the associated control unit. To activate the following signals: - anti-tamper - low battery indicator - supervision proceed as follows:

01. Set the control unit to programming mode in any alarm zone (see specific control unit instructions);
02. When the control unit menu displays the relative request, power up HSRT (connecting the battery or inserting the plug in a mains socket): the control unit emits 1 beep to confirm successful programming

To perform the following operations:

- alarm signal on NO input (Dip Switch 6) - alarm signal on NC input (Dip Switch 7) - alarm signal due to mains power failure (Dip Switch 8) - alarm signal due to radio disturbance (Dip Switch 10)

proceed as follows:

01. Set the control unit to programming mode in the required alarm zone (see specific control unit instructions);
02. When the control unit menu displays the request: set the relative function dip switch to ON. This causes the signal transmission for memorisation; the control unit emits 1 beep to confirm programming completion.
03. To memorise the other required alarm signals, repeat points 01 and 02.

Signals and displays – “Power” Led 1 (green): indicates the presence of the mains power. – “Test” Led 2 (red): turns on (or off) for approx. 1 second, to indicate retransmission of the radio signal. If jumper “JP” is closed the led illuminates when the control unit is activated and turns off when the control unit is deactivated. – Buzzer: emits a series of beeps in the event of a mains power failure, power supply faults or when the control unit is in test mode. If Dip Switch 9 is set to “ON”, it emits 3 beeps on activation of the control unit and 1 beep on deactivation.

## **MAINTENANCE:**

HRST does not require special maintenance. The device is fitted with an internal rechargeable buffer battery which is activated in the event of a power failure. The average lifetime of this battery is 4-7 years (decisive factors include environmental temperature, frequency and intensity of use). It must be replaced at the end of this period. Otherwise a practical test of system duration must be performed: disconnect the mains power supply and check how long afterwards the low battery signal is activated. Replace the battery when the time is half that of the normal value or less than the required service time. If HRST remains unused and not mains-powered for a period of over 2 days, at least one internal battery pole must be disconnected and the unit must be stored in a cool and dry location