

The new superheterodyne receiver always guarantees a correct functioning in disturbed environments: its good sensitivity and high selectivity make it immune from most disturbances around the frequency reception area. The new self-learning programming system enables the memorization of the PERSONAL PASS series transmitters.

- It is possible to store up to 240 (WALLY1, WALLY2, WALLY4, WALLY1/434, WALLY2/434, WALLY4/434, WALLY1/868, WALLY2/868, WALLY4/868) or 1008 (WALLY4PLUS, WALLY4/434P, WALLY4/868P) different codes with self-learning mode.
- Three different functions can be programmed by means of SW1 key for the outputs: monostable, bistable and timer.
- Self-learning of transmitters managed **by radio**.
- Management of the SUBSTITUTIVE transmitter.
- It is possible to enable or disable the ROLLING CODE mode.
- Memory full warning: the receiver blinks 15 times.
- It can be connected to the PROG2 portable programmer (version 3.6 or newer), which allows:
 - To enable or disable PASSE-PARTOUT option, that lets the installer manage all his installations using a PPS transmitter.
 - To manage devices by means of WINPPCL (version 2.1 or newer)

CAUTION: before inserting the receiver into the relevant TX connector of the PROG2, make sure that it is not powered.

PROGRAMMING OF THE MONOSTABLE FUNCTION

Select the desired channel in accordance with the following table:

SELECTED CHANNEL	N°IMPULSES SW1	LED ON			
		L1	L2	L3	L4
CHANNEL 1 MONOSTABLE	1	•			
CHANNEL 2 MONOSTABLE	2		•		
CHANNEL 3 MONOSTABLE	3			•	
CHANNEL 4 MONOSTABLE	4				•

- Press the SW1 key of the receiver N times, as indicated above: the relevant led goes on.
- Within 5 seconds, press and hold pressed the push button of the transmitter.
- The led of the receiver goes out and goes on again: the code was stored and the receiver keeps waiting for 5 secs for a new code to memorize.

PROGRAMMING OF THE TIMER FUNCTION

To memorize the TIMER function on the first channel, proceed as follows:

- 1 Press and keep pressed the SW1 button of the receiver: the led L1 (relating to the first channel) lights up for a few seconds.
- 2 When led L1 goes off, release the SW1 button. Led L1 starts a sequence of flashings at low speed (1 flash per second). The number of flashing corresponds to the time which can be set as shown in the table.
- 3 Count the number of led L1 flashings corresponding to the time you wish to set. Press the rx button SW1 during the wished flashing: the sequence of flashings stops and led L1 remains on.
- 4 Within 5 seconds, press and hold pressed the push button of the transmitter.
- 5 The led of the receiver goes out and goes on again: the code was stored and the receiver keeps waiting for 5 secs for a new code to memorize.

To programme channels no. 2, 3 and 4, repeat the above mentioned steps no. 2, 3 and 4, taking into consideration leds L2, L3 or L4 in accordance with the selected channel.

N°FLASHING	TIME SET	N°FLASHING	TIME SET	N°FLASHING	TIME SET
1	01 sec.	12	12 sec.	23	4 min.
2	02 sec.	13	13 sec.	24	4,5 min.
3	03 sec.	14	14 sec.	25	5 min.
4	04 sec.	15	15 sec.	26	5,5 min.
5	05 sec.	16	30 sec.	27	6 min.
6	06 sec.	17	1 min.	28	6,5 min.
7	07 sec.	18	1,5 min.	29	7 min.
8	08 sec.	19	2 min.	30	7,5 min.
9	09 sec.	20	2,5 min.	31	BISTABLE
10	10 sec.	21	3 min.		
11	11 sec.	22	3,5 min.		

PROGRAMMING OF THE BISTABLE FUNCTION

To memorize the bistable function on the first channel, proceed as follows:

- 1 Press and keep pressed the receiver SW1 button: led L1 (relating to the first channel) lights up for a few seconds.
- 2 When led L1 goes off, release SW1 button; led L1 starts flashing at low speed (1 flash per second). When the 30 flashings of the timer function are over, led L1 remains on.
- 3 Within 5 seconds, press and hold pressed the push button of the transmitter.
- 4 The led of the receiver goes out and goes on again: the code was stored and the receiver keeps waiting for 5 secs for a new code to memorize.

To programme channels no. 2, 3 and 4, repeat the above mentioned steps no. 2, 3 and 4, taking into consideration leds L2, L3 or L4 in accordance with the selected channel.

REMOTE RADIO LEARNING

This procedure allows to memorize new transmitters by radio, in sequence and without removing the receiver from the installation.

The transmitter which allows to enable the programming by radio must be memorized in advance. All transmitters programmed by radio will share the same key configuration as the transmitter which activated the programming.

Example TX A transmitter memorized with the following key configuration:

- Key 1 on the first channel in monostable mode.
- Key 2 on the third channel in timer mode.
- Key 3 on the fourth channel in bistable mode.

TX B transmitter to memorize.

- Hold for 5 seconds minimum the keys 1+2 or 1+3 of TX A.
- Release both keys.
- Press, within 5 seconds, the required key of TX B.
- Release and press within 5 seconds on the TX B another key to be memorized. Repeat this operation for other transmitters.
- To exit the self-learning mode wait for at least 5 seconds.

The key configuration of TX B transmitter and other transmitters, set with this procedure, will be the same as TX A transmitter.

ROLLING CODE MODE

It is possible to activate or disable the ROLLING CODE mode. Its activation makes any attempt of code duplication impossible. To activate the "rolling code" function it is necessary to act on the Dip-switch 2 on the printed circuit:

- Dip 2 ON = "rolling code" mode activated"
- Dip 2 OFF = "rolling code" mode not activated"

Enabling the Rolling Code by means of WINPPCL makes the Dip-switch 2 position ineffective.

SUBSTITUTIVE TRANSMITTER

The substitutive transmitter, generated only by means of WINPPCL, allows to replace by radio a transmitter stored in the receiver.

A single transmission with the specially programmed SUBSTITUTIVE TX, nearby the receiver, replaces the transmitter code with the new one without removing the receiver from the installation.

To synchronise the rolling code transmit twice with each key of the SUBSTITUTIVE TX.

Example memorized TX A transmitter

It is possible to make three replacements maximum per code, so for TX A you can find:

- TX B replaces TX A (TX A is no longer operative)
- TX C replaces TX B (TX B is no longer operative)
- TX D replaces TX C (TX C is no longer operative)

FULL CODE ERASING

To perform a full code erasing do the following:

- Turn off the power of the receiver
- Press and hold pressed the SW1 key of the receiver
- At the same time turn on the power again. The receiver LED goes on: release the SW1 key

The memory spaces are empty and available for a new programming.

To perform a partial code erasing the PROG2 portable programmer is required.

PROGRAMMING LOCK

The PROGRAMMING LOCK function can be done only by means of WINPPCL. This function inhibits to programme again the receiver, either with SW1 key or by radio. The receiver can be programmed again only by means of WINPPCL.

WARNING! IF THE RECEIVER IS SUPPLIED BY 24 VAC-VDC, DO NOT ACTIVE MORE THAN 2 RELAYS SIMULTANEOUSLY

RELAY CONTACT

The four output relay contacts are normally open type; it is possible to change it as normally closed type. Referring to fig. 1 connect point A with point B and cut the trace at point C (Fig.1).

IMPORTANT REMARKS

"This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

"Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment."

99/05/CE DIRECTIVE CONFORMITY

The WALLY are in conformity with the provisions of the following EC directive(s) (including all applicable amendments) and that the standards referenced here below:

EN 60950, EN 301 489-1, EN 301 489-3, EN 300 220-3

Racconigi, 26/05/2003
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