

RECEIVER Tech Lift m4

1 – INSTALLATION OF THE RECEIVER

When installing the receiver for the first time, it must be initialized. This operation deletes the user memory of the same receiver. In order to carry out this operation follow the next steps strictly:

- a) Connect the receiver to the power supply source and remove Jumper **J1** (see FIG. 1).
- b) **WARNING!**: The function display LED's are connected in parallel to the relays. In order to avoid the starting of the relay at every turning on of the LED's when the radio controls, remove the jumpers concerning selection (**JR1 – JR2**) temporarily. Once the programming is over, put the jumpers again in the required position.
- c) In order to enter the initialization step, press button SW1 and keep it pressed, insert jumper J1 in the position of the utilized power supply voltage (see FIG. 1), then release button SW1 only when led's 1 and 2 display the cancellation step blinking alternatively.
- d) In this condition (alternate blinking of led's 1 and 2) the receiver is enabled to operate only with SPYCO transmitters of ROLLING CODE type. In order to allow the receiver to operate also with dip-switch transmitter, press button SW2 for a short time. Led's 1 and 2 blink together simultaneously indicating that the receiver is enabled to operate with both ROLLING CODE and dipswitch transmitters (universal operation). To go back to ROLLING CODE only mode, press button SW2 again.
- e) Once the typology of radio-controls to be memorized has been chosen, press button SW1 and keep it pressed until led's 1 and 2 are switched on with fixed light (2 seconds approx.), then release button SW1 and wait for led's 1 and 2 to switch off.
- f) Then initialization and cancellation of memory are completed and the system is ready to enter the radio-control programming function.

2 – DATA STORAGE IN RADIO CONTROLS

TO START RELAY 1

- a) Enter the programming mode keeping SW1 pressed until LED 2 turns on (2" approx.).
- b) Select the required function pressing SW1 several times (as concern functions, refer to Table 2).
- c) After selecting the function, store the code pressing the radio control button; the correct execution of the storage is confirmed by the fast and contemporary blinking of the two LED's for 1 second approx.
- d) Then, the selected function will be restored, and another code can be input, repeating the operation indicated at item c).
- e) To exit from programming mode, keep SW1 pressed until all the LED's turn off (2" approx.).

TO START RELAY 2

- a) Enter the code programming mode keeping SW2 pressed until LED 2 turns on (2" approx.).
- b) Select the required function pressing SW2 several times (as concerns functions, refer to Table 2).
- c) After selecting the function, store the code pressing the radio control button; the correct execution of the storage is confirmed by the fast and contemporary blinking of the two LED's for 1 second approx.
- d) Then, the selected function will be restored and another code can be input, repeating the operation indicated at item c).
- e) To exit from programming mode, keep SW2 pressed until all the LED's turn off (2" approx.).

MEMORY FULL: The achievement of the last available memory cell is indicated by the alternating blinking of the LED's (☀️ ← → ☀️ O) for 10" approx.

3 – SELECTION OF THE RELAY CONTACT

The receiver contains the jumpers JR1 and JR2 for the contact type selection (N.O.;N.C.), positioned closed to each relay.

Refer to Figure 1 for the positioning of the jumpers.

4 – REMOTE MEMORIZATION OF A SPYCO RADIO-CONTROL

After installing the system, if a radio-control is to be added and if a SPYCO one is included among the already programmed one, this operation can be carried out without operating on the receiver, thanks to remote programming function. To carry out this operation, carry out the following steps:

- 1) Enter the reception range of the receiver.
- 2) Remove the port utilized to replace the batteries of SPYCO radio-control already memorized on the receiver, the programming button is positioned in this compartment (FIG. 2).
- 3) Press the button normally used on the already memorized radio-control and keep it pressed (the radio-control that will be added will operate with the same relay and the same function of this button).
- 4) Press the programming button for at least 1 second and release both buttons (programming button and normal use button).
- 5) Then, press the normal use button of the new SPYCO radio-control to be memorized within 8 seconds.
- 6) Then, the new radio-control is memorized in the receiver, to add another transmitter, repeat all the operations from item 1.

TABELLA 1 - TABLE 1 - TABLEAU 1 - TABLA 1 - TABELLE 1
trasmettitori Label - Label transmitters - transmetteurs Label - Sender Label

DIP-SWITCH				
SPYCO/1E	MDW/1E	TYKO/1E	RJW/1E	RJW/4E
SPYCO/3E	MDW/2E	TYKO/2E	RJW/2E	RJW/12E

LEGENDA - KEY - LEGENDE - LEYENDA - LEGENDE

○	Led spento - Led OFF - Témoin éteint - Led apagado - Led ausgeschaltet
☀	Led acceso - Led ON - Témoin allumé - Led encendido - Led eingeschaltet
☀	Led lampeggiante - Led blinking - Témoin clignotant - Led intermitente - Led blinkend

TABELLA 2 - TABLE 2 - TABLEAU 2 - TABLA 2 - TABELLE 2

LED1	LED2	FUNZIONI DISPONIBILI - AVAILABLE FUNCTIONS - FONCTIONS DISPONIBLES - FUNCIONES DISPONIBLES - VERFÜGBARE FUNKTIONEN
○	☀	Monostabile: L'uscita resta attiva finché il pulsante del radiocomando è premuto, si disattiva al suo rilascio. Mono-stable: The output is on until the radio control button is pressed, it turns off when it is released. Monostabile: La sortie reste activée tant que le bouton de la radiocommande est pressé. Elle se désactive dès qu'il est relâché. Monostabile: La salida permanece activa mientras se pulsa el botón del radiocomando, se desactiva al soltarlo. Monostabil: Der Ausgang bleibt aktiv, solange die Taste der Fernbedienung gedrückt wird, und wird bei ihrem Loslassen deaktiviert.
☀	○	Monostabile ritardato: L'uscita resta attiva finché il pulsante del radiocomando è premuto, al rilascio si disattiva dopo 3 secondi. Delayed mono-stable: The output is on until the radio control button is pressed, it turns off after 3 seconds. Monostable retardé: La sortie reste activée tant que le bouton de la radiocommande est pressé. Elle se désactive 3 secondes après. Monostabile retardado: La salida permanece activa mientras se pulsa el radiocomando, al soltarlo se desactiva 3 segundos después. Monostabil verzögert: Der Ausgang bleibt aktiv, solange die Taste der Fernbedienung gedrückt wird, und wird bei ihrem Loslassen nach 3 Sekunden deaktiviert.
☀	☀	Bistabile: L'uscita si attiva o disattiva ad ogni impulso del radiocomando. Bi-stable: The output turns on or off at every pulse of the radio control. Bistabile: La sortie s'active ou se désactive à chaque impulsion de la radiocommande. Bistabile: La salida se activa o desactiva con cada impulso del radiocomando. Bistabil: Der Ausgang wird bei jedem Impuls der Fernbedienung aktiviert oder deaktiviert.
○	☀	Permanente: L'uscita si attiva ad ogni impulso, può essere disattivata da un altro tasto programmato nella funzione inibito. Permanent: The output turns on at every pulse; it can be turned off by another button programmed in "Inhibited" function. Permanente: La sortie s'active à chaque impulsion, et peut être désactivée par une autre touche programmée dans la fonction Interdit. Permanente: La salida se activa con cada impulso, puede desactivarse desde otra tecla programada en la función Inhibido. Permanente: Der Ausgang wird bei jedem Impuls aktiviert und kann mit einer anderen Taste deaktiviert werden, die mit der Funktion Gesperrt programmiert wird.
☀	○	Inibito: L'uscita si disattiva ad ogni impulso, può essere attivata da un altro tasto programmato nella funzione permanente. Inhibited: The output turns off at every pulse; it can be turned on by another button programmed in "Permanent" function. Interdit: La sortie se désactive à chaque impulsion, et peut être activée par une autre touche programmée dans la fonction Permanente. Inhibido: La salida se desactiva con cada impulso, puede ser activada desde otra tecla programada en la función permanente. Gesperrt: Der Ausgang wird bei jedem Impuls deaktiviert und kann mit einer anderen Taste deaktiviert werden, die mit der Funktion Permanent programmiert wird.

FIG. 1
ABB. 1

