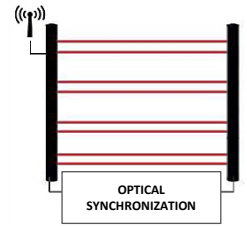


TRENDY is a wireless, self-powered IR barrier with double led and 24 month endurance, which is compatible with any radio transmitter. It is composed of two symmetrical bars to be installed on either sides of the entrances to be protected and it allows to anticipate intrusion by leaving freedom to move indoors with even windows and doors open.

TECHNICAL FEATURES AND CONSUMPTION:

Maximum and minimum range: max. 5 m – min. 20 cm
 Operating temperature: -25°C + 70°C
 Synchronization: optical
 Detection system: OR-AND
 Battery model: Lithium 3.6V/5200 mAh (Spare part: TREN BAT), endurance: 24 months
 Maximum consumption: 190µA TX + 200µA RX
 Protection class: IP54



INSTALLATION

1. Remove the caps and the extruded cover.
2. Drill the aluminium profiles at both ends and fix them to the wall paying attention to keep them on the same axis (Fig.1), for longer barriers drill additional holes as required.
3. Connect the battery and press briefly the reset button on the RX motherboard, paying attention not to block the transmission beams; the buzzer will signal the individual double beams have been received (Fig. 2).
After this, a single long beep will confirm programming in AND mode, and a double beep programming in OR mode (see section SETTING JUMPER)

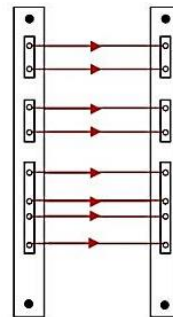


Fig. 1

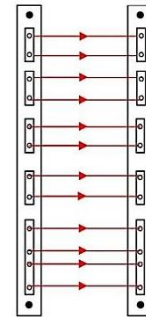


Fig. 2

MODULE 6 - 1 beep
MODULE 5 - 1 beep
MODULE 4 - 1 beep
MODULE 3 - 1 beep
MODULE 2 - 1 beep
MODULE 1 - 1 beep

BUZZER SIGNALS

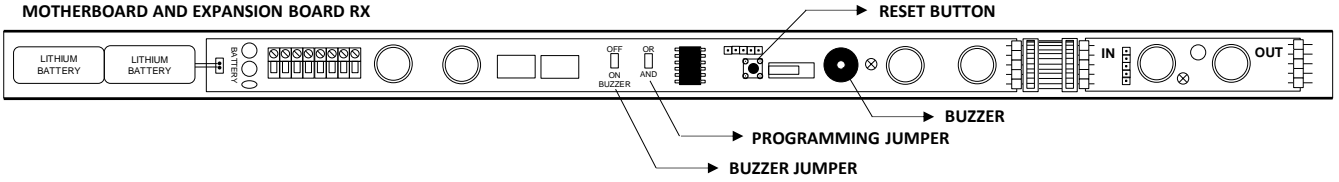
1. N.C. or N.O. alarm warnings.
 2. Reception warning of the beam signal.
 3. Low battery warning every 30 minutes, active on both barriers .
O.C. output to negative BATT 0
 4. Tamper warning, N.C. output.
- Note: the buzzer can be silenced by turning JUMPER BUZ to OFF**

SETTING JUMPER

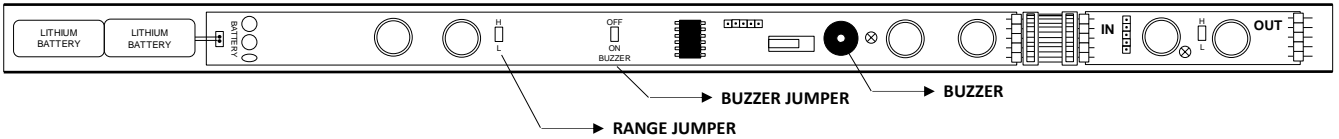
TX BASE BOARD	<p>RANGE JUMPER: when the range between RX and TX is less than 50cm, insert the Jumper into position "L" only if there are alignment problems.</p> <p>BUZZER JUMPER: OFF mode = the buzzer is deactivated, ON mode = the buzzer is activated</p>
RX BASE BOARD	<p>PROGRAMMING JUMPER:</p> <ul style="list-style-type: none"> - OR mode = the alarm is activated when just one optical group is covered - AND mode = the alarm is activated when two random optical groups are covered <p>BUZZER JUMPER: OFF mode = the buzzer is deactivated, ON mode = the buzzer is activated</p>
TX AND RX EXPANSION BOARDS	The jumpers on each TX and RX modules are set as standard and must not be removed.

MOTHERBOARDS AND EXPANSION BOARDS RX AND TX

MOTHERBOARD AND EXPANSION BOARD RX



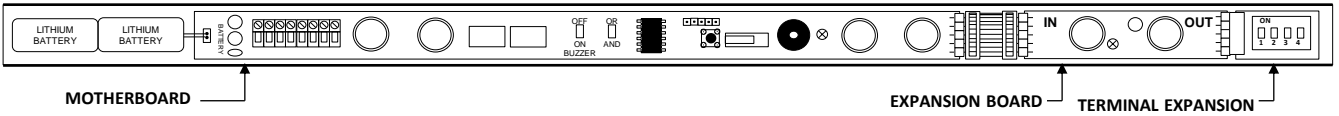
MOTHERBOARD AND EXPANSION BOARD TX



WARNINGS

- Install the additional expansions in the correct direction.
- Do not insert the additional RX expansions into the TX barrier and the additional TX expansions into the RX barrier.
- Do not change the dip-switch settings of the terminal expansion on the RX bar.

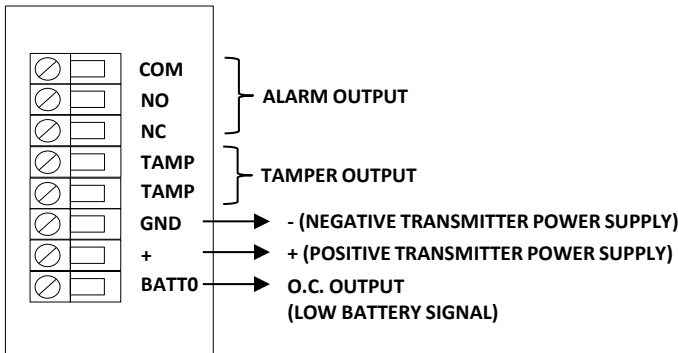
TR103 (1 motherboard + 1 expansion board + terminal expansion)



- Do not install outdoors, in the open air, without a suitable covering.
- The installation should be performed by qualified personnel.
- MITECH shall not answer for any barrier damage and/or malfunction caused by incorrect installation and/or improper use of same.

RX TERMINAL CONNECTIONS AND RX TERMINAL MODULE SETTING (EXPANSION ACTIVATION / DEACTIVATION)

RX TERMINAL



RX TERMINAL EXPANSION



BARRIER CODE	DIP-SWITCH SETTING			
	DIP1	DIP2	DIP3	DIP4
TR 103	OFF	ON	ON	ON
TR 104 TR 154	OFF	OFF	ON	ON
TR 156 TR 206 TR 256 TR 306	OFF	OFF	OFF	OFF

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