

TECHNICAL SPECIFICATIONS

Model / Item	AF180 / AU02300
Range	30 m (12 external)
Signal	Impulse signal, unmodulated
Infrared frequency	2 KHz
Relay power	1A 24V
Receiver power	12/24 V dc/ac
Absorption	50 mA
Operating temperature	-20 ÷ +60 °C
IP	54
Adjustability	+ - 200° horizontal , + - 15° vertical

Thank you for choosing GI.BI.DI.



PLEASE READ CAREFULLY THIS MANUAL BEFORE PROCEEDING WITH THE INSTALLATION.

- Make the connections referring to the following tables and to the attached screen-print. Be extremely careful to connect in series all the devices that are connected to the same N.C. (normally closed) input, and in parallel all the devices that share the same N.O. (normally open) input. Incorrect installation or improper use of the product may compromise system safety.
- Keep all the materials contained in the packaging away from children, since they pose a potential risk.
- The manufacturer declines all responsibility for improper functioning of the automated device if the original components and accessories suitable for the specific application are not used.
- After installation, always carefully check proper functioning of the system and the devices used.
- This instruction manual addresses persons qualified for installation of "live equipment". Therefore, good technical knowledge and professional practice in compliance with the regulations in force are required.
- Maintenance must be carried out by qualified personnel.

WARNING: This product has been tested in GI.BI.DI. verifying the perfect correspondence of the characteristics to the current directive.

Gi.Bi.Di. S.r.l. reserves the right to modify the technical data without prior notice depending on the product development.

DISPOSAL: GI.BI.DI. advises recycling the plastic components and to dispose of them at special authorised centres for electronic components thus protecting the environment from polluting substances.



Declaration of the UE manufacturer:

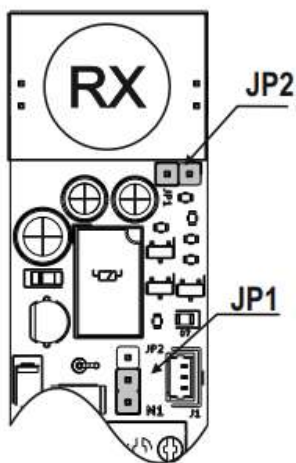
The UE declaration of conformity is available on internet <http://conformity.gibidi.com>

GI.BI.DI. S.r.l. reserves the right to modify the technical data without prior notice, depending on product development

UKCA manufacturer declaration: The UKCA declaration is available at: <http://conformity.gibidi.com>

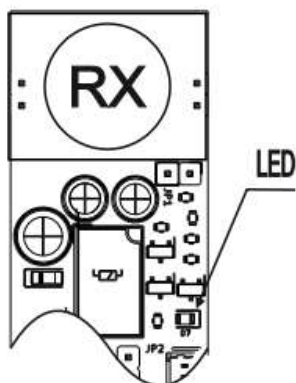
RECEIVER JUMPER JP1 - JP2 SETTINGS

The DEFAULT settings are in the grey box



JUMPER	Function	Status	Description
JP1	DELAY FUNCTION		Delayed operation, to use in particular weather conditions (snow) NB. Function not enabled with DC power supply.
			Standard operation
JP2	CONTACT TYPE	A B C	N.C. contact Relay out
		A B C	N.O. contact Relay out

SIGNALLING LED



Status	Description
OFF	Present signal: No obstacles , photocell relay enabled.
ON	Absent signal: Obstacle present , photocell relay disabled.

FIG. 1

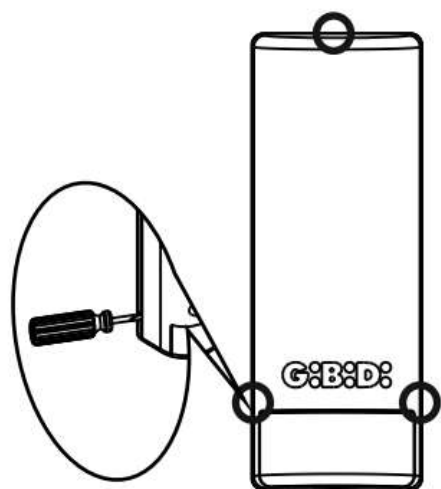


FIG. 2

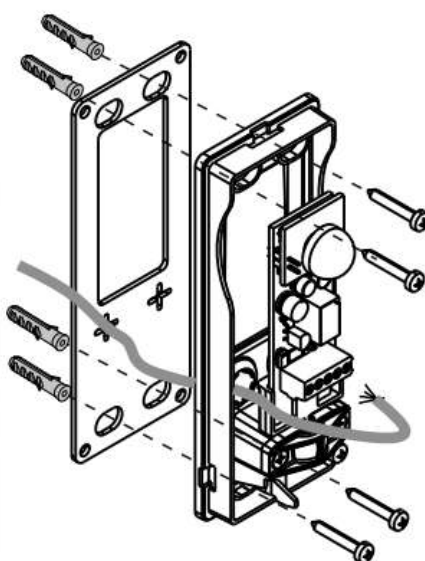


FIG. 3

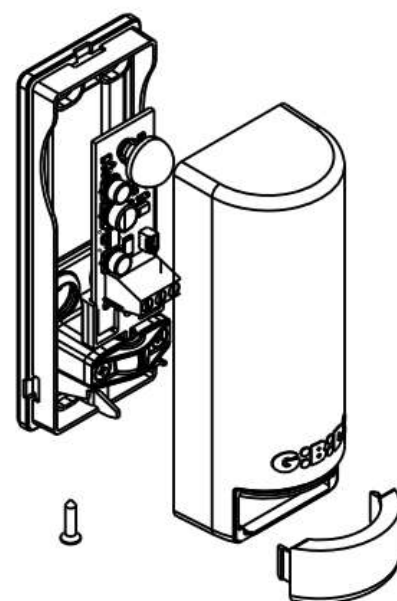


FIG. 4

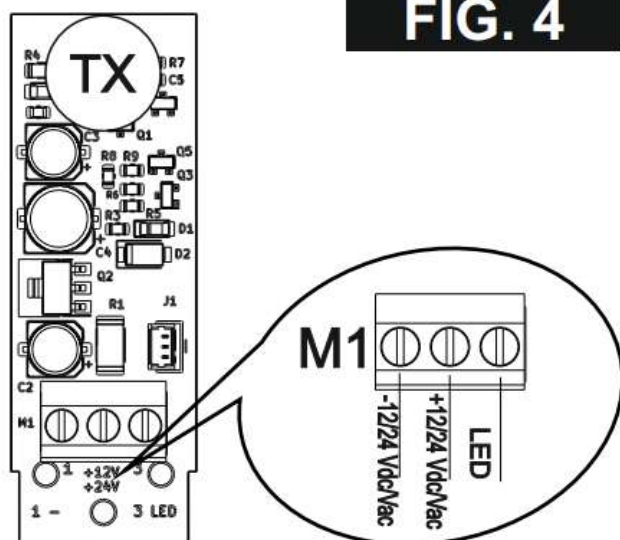


FIG. 5

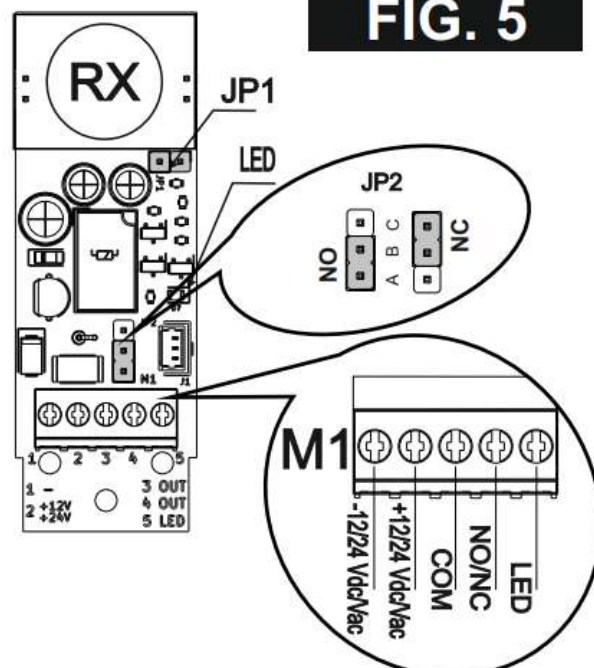


FIG. 6

12/24Vac

