



T.36 PULSAR

MANUALE UTENTE
USER MANUAL
MANUEL D'UTILISATION
MANUAL USUARIO
MANUALE UTENTE



TELEMATICS

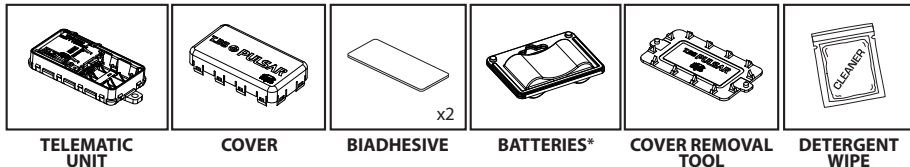


www.metasytem.it

T.36 PULSAR USER MANUAL



1. KIT COMPOSITION



2. TECHNICAL SPECIFICATIONS

Dimensions:	75x40x18mm
Supply voltage:	3V
Frequency bands:	880-960 MHz; 1559.00 MHz-1610.00 MHz; 1710-1880 MHz; 2402-2480 MHz
Max power:	GSM Class 4 (2W); DCS Class 1 (1W); BT (<10mW)
Operating Temperature:	from -30°C to +70°C
IP:	IP67 (only if properly closed)

* Use only PANASONIC CR123A batteries supplied with the product and available at any authorized Meta System retailers.

3. GENERAL NOTES

- T.36 PULSAR is a self powered telematic device able to inform the user about geolocalization of the vehicle in which have been applied.
- T.36 life is based on a stack supply . To save battery life T.36 wake up itself (Vitality) to check ed manage the eventually set of commands send by mobile APP.
- A daily wake up update the position.
- The wake up timing will be counted starting from the first time the system is powered up.

4. GENERAL WARNINGS

- Use only PANASONIC CR123A batteries supplied with the product and available at any authorized Meta System retailers.
- Strictly respect the polarity during assembly. The manufacturer will not be responsible for any damage caused by the user's inexperience.
- Always insert and/or replace both batteries.
- Strictly comply with operations indicated in this manual.
- **The manufacturer assumes no responsibility for damages caused to property and/or people, caused by the incorrect installation of the product.**
- **NOTE FOR INSTALLATION: In order to avoid human exposure to electromagnetic fields, the distance of the VTS device with respect to the body of the vehicle occupants must be greater than 15 cm.**

5. DEVICE USE

The user will have the possibility to query and set the device by the mobile APP "Metatrak Pulsar". The T.36 will answer at the successive automatic wake up.

To know the operating modes and possible settings please refer to the mobile APP manual.

DOWNLOAD YOUR APP!



The Mobile Application is available free of charge in the APP Stores. If you have a QR code reader, frame the box below and access the application to download directly.

After downloading the APP on your mobile device, carry out the function test with the installer before collecting the vehicle, checking that the vehicle is correctly positioned on the map.

DOWNLOAD YOUR USER MANUAL!



The user manuals (for using the Mobile Application and using the Web Portal) are available on the dedicated web page:

<http://bit.ly/2NTxKPh>

If you have a QR code reader, frame the box below and access the user manual to download directly.

6. ACTIVATION PROCEDURE

WARNING: check the GPRS/GPS signal coverage before starting the procedure below. Do the following steps in the exact order reported. In case of no respect of the activation procedure steps the activation procedure could be completed in the next 24 hours.

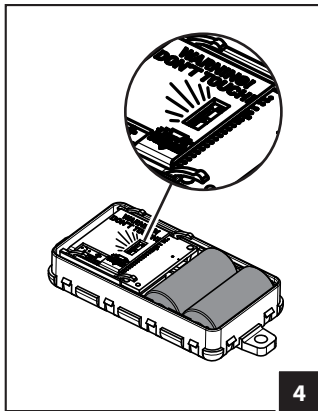
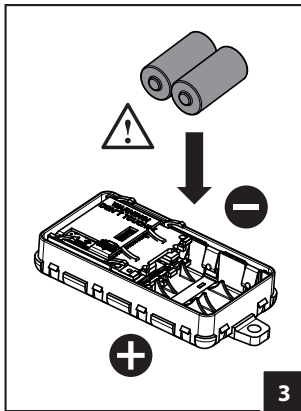
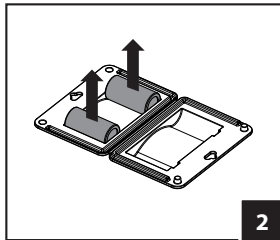
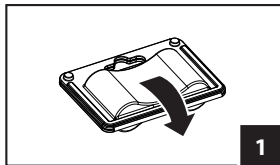
1. Start the “Metatrak Pulsar” APP in your mobile phone.
2. Follow the steps to access and activation showed in the APP. First access can be done making a picture of the QR code indicated in the device or label.
3. Read and Accept the using condition and privacy.
4. Generate your personal account.
5. Insert the batteries in the slot as showed in paragraph 7 “7. DEVICE SUPPLY AND ASSEMBLY”.

7. DEVICE SUPPLY AND ASSEMBLY

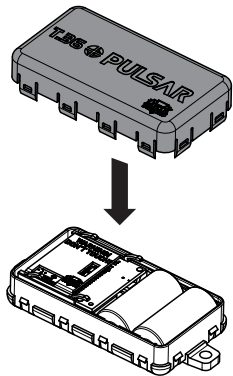
Take out the two batteries from the blister.

Insert the batteries in their housing, paying particular attention to their polarity.

At the first power supply the LED will flash a few times. (see paragraph 9)

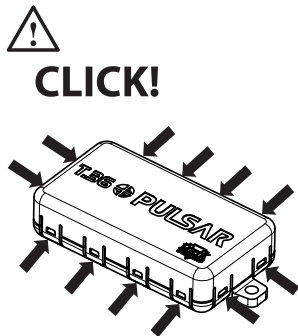


Fit the cover supplied with the product paying attention to the correct orientation as in the picture below.



5

Check that all clips on the entire perimeter are perfectly coupled.

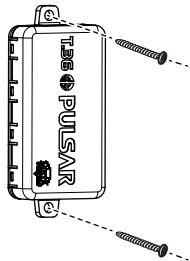


6

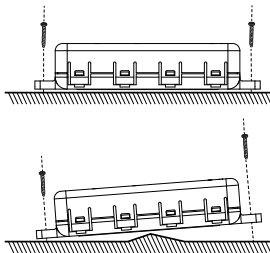
8. DEVICE FIXING



**FIX THE DEVICE TO A SOLID PART OF THE VEHICLE
AND MAKE SURE THAT IT IS SECURED TO A FLAT SURFACE
WITH SCREWS OR DOUBLE-SIDED ADHESIVE TAPE.**



**WHEN TIGHTENING THE
SCREWS, TAKE GREAT
CARE TO AVOID MO-
DIFYING THE PLASTIC
HOUSING OF THE
CONTROL UNIT
BY BENDING
OR TWISTING IT.**



OK

KO



CAUTION! DETERGENT WIPE: DO NOT USE THE CLEANING WIPE TO WASH YOUR HANDS OR SKIN. THE PRODUCT IS VERY FLAMMABLE AND CAN CAUSE EYE IRRITATION.

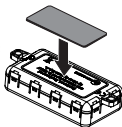


1



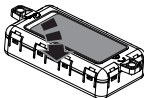
Thoroughly clean the fastening surface.

2



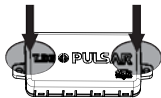
Apply the biadhesive on the back.

3



Remove the double-sided film from the back of the device.

4



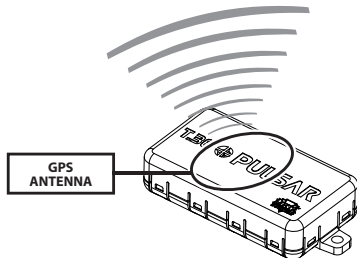
Apply and press firmly where indicated for a few seconds.

8



AVOID COVERING THE HIGHLIGHTED AREA (GPS AERIAL) WITH WIRING HARNESSES OR METAL PARTS.

ATTENTION: MAKE SURE THAT THE DEVICE IS A MINIMUM OF 50 CM AWAY FROM ANY ELECTRONIC DEVICES ALREADY IN THE VEHICLE (E.G. CAR RADIO, CONTROL UNITS, ETC.)



9

9. DIAGNOSTIC

The T.36 PULSAR has a double LED that provides Diagnostic information (GSM and GPS) and indicates the Status of the device. The 2 LEDs can FLASH SLOWLY (400 ms) or FLASH RAPIDLY (100 ms) independently of one another and turn off at the same time. **Example:** "2 SLOW FLASHES" of the GREEN LED immediately after "2 RAPID FLASHES" of the RED LED: the product is in "Pre-activation, Wake-up mode", but has not yet performed "Fix GPS".

GREEN LED - Device Status

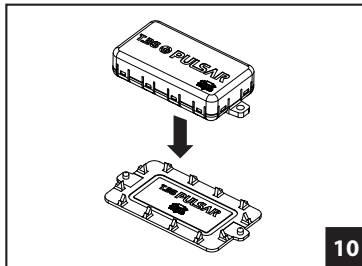
Status		Signal
Pre-activation	Awake	2 SLOW FLASHES
	Sleep mode	LED turned OFF
Active	Awake	2 FAST FLASHES
	Sleep mode	LED turned OFF

RED LED - Diagnostic

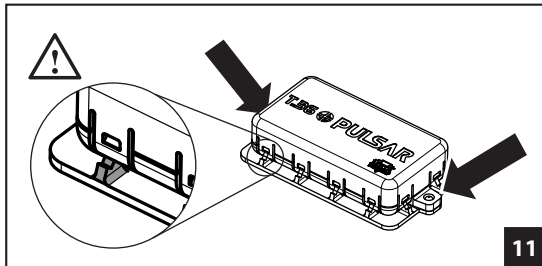
Status	Signal
GSM not registered	1 FAST FLASH
No GPS fix	2 FAST FLASHES
GSM not registered and no GPS fix	3 FAST FLASHES
GSM registered and GPS fix	LED turned OFF

10. BATTERIES REPLACEMENT*

Place the cover removal tool on a smooth surface and place the device on it.



Press down at both ends to release all clips simultaneously.



* Use only PANASONIC CR123A batteries supplied with the product and available at any authorized Meta System retailers.



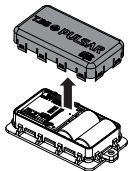
ATTENTION: THE TWO CR123A BATTERIES MUST HAVE THE SAME IDENTICAL CHARGE VALUE.



ATTENTION: IT'S RECCOMENDED TO REMOVE ANY ADHESIVE RESIDUES FROM THE BOTTOM OF THE DEVICE TO ENSURE ITS OPENING.

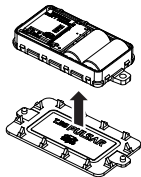


Then remove the cover
and access the battery compartment.



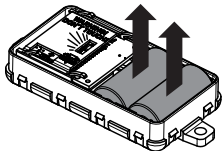
12

Remove the device
from the cover removal tool.

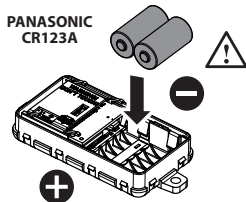


13

Remove the exhausted batteries and wait 3 minutes before inserting the new batteries
paying particular attention to their polarity.

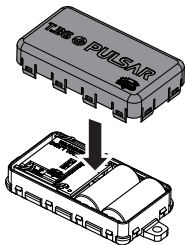


14



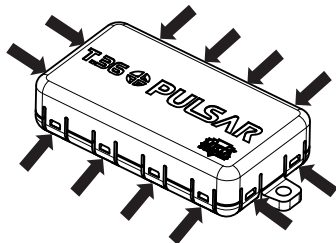
15

Close the device
with the cover.



16

Check that all clips on the entire perimeter
are perfectly coupled.



17

11. STANDARDS APPLICABLE TO THE VEHICLE

The instructions in this manual do not refer to specific vehicle models. Installation, positioning, product securing and electrical connections, and possibly the removal, must be carried out in a workmanlike manner on each motor vehicle. Failure to comply with that stipulated above can render the warranty of the device null and void.

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Meta System S.p.A. declares that Telematic Tracking device Model T.36 is in compliance with Radio Equipment Directive 2014/53/EU.

Frequency Bands in which the radio equipment operates:

880.00 MHz – 960.00 MHz
1559.00 MHz – 1610.00 MHz
1710.00 MHz – 1880.00 MHz
2402.00 MHz – 2480.00 MHz

Max Power:

GSM Class 4 (2W), DCS Class 1 (1W), BT (<10mW)

The full text of the EU Declaration of Conformity is available at the following internet address: <https://docs.metasystem.it/>

Certificate Holder's Address:

Meta System S.p.A. - Via Galimberti 5, 42124 Reggio Emilia - Italia

Designed, engineered and manufactured in Italy by
Meta System S.p.A. - Via T. Galimberti 5, 42124 - Reggio nell'Emilia (Italy)



www.metasystem.it

5040359600

