Package Contents

- Data Logger (TR41/42/45)
- Lithium Battery LS14250
- Registration Code Label
- Strap
- User’s Manual (Warranty Included)
- Temperature Sensor TR-5106 (TR42 only)
- Cable Clamp (TR45 only)

Device Setup

Battery Installation

TR42 Sensor Connection

TR45 Pt Sensor Connection

TR45 TC Sensor Connection

Application Installation

Install the dedicated app(s) on your smartphone or tablet to perform TR4 operations via Bluetooth.
ThermoREC: App for making logger settings, monitoring data in graph view and uploading to the cloud.
ThermoStorage: App for uploading recorded data from a collection of loggers to the cloud.
“ThermoREC” and “ThermoStorage” are available on the Google Play Store and the App Store.

Provisions for Free Repair

1. If the product does not work properly despite the fact that the customer used it properly and in line with the directions found in the documentation for the concerned product, the product shall be repaired free of charge through the distributor which sold the product.
2. If the customer requests free repair because of trouble within the warranty period, bring or send the product along with the warranty to the distributor.
3. If you have moved after purchasing, or there are difficulties contacting the distributor from which you purchased the product, please contact T&D directly for service.
4. Free repair is not available in the following cases even though it is within the warranty period:
   1. Trouble or damage was caused by careless operation, natural disaster, fire, public pollution, or use of a power source other than specified.
   2. If repair, adjustment, disassembly or modification of the product has been carried out by a person other than a T&D authorized engineer.
   3. Trouble or damage was caused by transportation, movement or dropping of the product after purchase.
   4. Failure to submit the warranty or failure to fill in all items required in the warranty.
   5. The warranty cannot be reissued.

For detailed information and troubleshooting, please access the following URL:
https://www.tandd.com/r/help/tr4
Safety Precautions and Instructions

The following items should be strictly obeyed for the safe usage of this product, and for protecting yourself and other people from bodily harm and/or damage to property.

Explanation of Symbols

Warning Symbols

- **DANGER** These entries are actions that absolutely under no circumstance should be taken. The taking of such an action may cause serious personal physical damage or death.
- **WARNING** These entries are actions that if taken may lead to physical injury or damage to persons or things.

Picture Symbols

- Denotes an important warning or caution.
- Denotes a forbidden action.
- Denotes an action that should be carried out.

DANGER

To Prevent Serious Accidents

- Do not disassemble, repair or modify the unit.
- Do not use the unit in any environment that is exposed to chemicals and harmful gases. Doing so may cause corrosion and/or other danger to the unit. Also, coming in contact with hazardous substances may cause bodily harm to the user or people nearby.
- Do not allow dust or foreign objects to get into the sensor jack.
- Please note that this User’s Manual has been written based on the presupposition that all safety precautions are already taken care of by the user and that connection has been confirmed as correct.
- If a user or a third party may suffer, whether direct or indirect, due to the inability to communicate or use communication devices.

Compliance Information

For FCC Model

FCC and IC Statement

This device complies with Part 15 of FCC Rules and Industry Canada licence-exempt RSS standards.

Operations are subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

Le présent appareil est conforme aux parties 15 des règles de la FCC et CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : (1) l’appareil ne doit pas produire de bruitage, et (2) l’utilisateur de l’appareil doit accepter tout bruitage radioélectrique subi, même si le bruitage est susceptible d’ compromettre le fonctionnement.

FCC Class B Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

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

IC Class B Statement

This Class B digital apparatus complies with Canadian ICES-003.

Location of FCC ID and IC Certification Number

The FCC ID and IC ID can be found inside the battery compartment of your device.

For CE Model

CE Statement

The TR4 Series products are in compliance with the Radio Equipment Directive 2014/53/EU.

The following standards have been applied:

- Safety and Health: EN 60950-1
- EMC: EN 301 489-17, EN 301 489-3, EN 301 489-22
- Radio: EN 300 288 (receiver category 1)

The full text of the EU declaration of conformity is available at the following internet address:


Important Notice

Wireless products cannot be used in countries other than where those products have been approved for use, according to that country’s wireless regulations.

FCC and IC shall not be liable in any manner for legal consequences stemming from the usage of these wireless products in unapproved areas.