

TRANSMITTERS PN-T13-3, PN-T13-4, PN-T13-6, PN-T13-8, PN-T13-10

ABOUT THIS DOCUMENT

Every care has been taken in the preparation of this document. Please inform Tele Radio AB of any inaccuracies or omissions. This document covers general safety issues, main technical specifications, guarantee, service and maintenance, battery and regulatory information. For more information, please refer to the Installation instructions available on www.tele-radio.com. Images shown in this document are for illustrative purposes only.

WARNINGS & RESTRICTIONS



Carefully read through the following safety instructions before proceeding with the installation, configuration, operation or maintenance of the product. Failure to follow these warnings could result in serious injury and property damage.

INSTALLING, CONNECTING AND MOUNTING

- This radio system must not be used in areas where there is a risk of explosion.
- Tele Radio AB remote controls are often built into wider applications. Those systems should be equipped with:
 - a wired emergency stop where necessary.
 - a brake.
 - an audible or visual warning signal.
- Always switch off all electrical power from the equipment before installation procedure.
- Only licensed or qualified personnel should be permitted to install the product.
- To utilize the safety of the system, use the stop relays in the safety circuitry of the object that you want to control.
- When the equipment controlled by the receiver's standard relays is connected via the stop relays, make sure that the maximum current through the stop relays is still within the specifications. Contact your representative for assistance.
- Avoid registering transmitters in receivers where they are not being used.



OPERATION

- Only qualified personnel should be permitted to access the transmitter and operate the equipment.
- Make sure that the user satisfies the age requirements in your country for operating the equipment.
- Make sure that the user is not under the influence of drugs, alcohol and medications.
- Make sure that the user knows and follows operating and maintenance instructions as well as all applicable safety procedures and requirements.
- **The user should:**
 - always test the transmitter stop button before operating it. Press the stop button then twist and pull it out. This test should be done on each shift, without a load.
 - never use a transmitter if the stop button is mechanically damaged. Contact your supervisor/representative for service immediately.
 - never let the transmitter unattended.
 - always switch the transmitter off when not in use. Store in a safe place.
 - keep a clear view of the work area at all times.

MAINTENANCE

- Keep the safety instructions for future reference. Always download the configuration instructions from our website for the latest available version.
- Always contact your representative for service and maintenance work on the product.
- Write down the serial numbers/ ID codes of the receivers and transmitters used. This information should be recorded in the "Settings document" for your product (can be downloaded from www.tele-radio.com).
- If error messages are shown, it is very important to find out what caused them. Contact your representative for help.
- The functionality of the stop button should be tested at least after every 200 hours' use. Test the stop button by pressing it and pulling it out.
- If the stop button is mechanically damaged, do not use the transmitter. Contact your representative for service immediately.
- **Before maintenance intervention on any remote controlled equipments:**



- always remove all electrical power from the equipment.
- always follow lockout procedures.

REGULATORY INFORMATION

CE MARKING

Hereby, Tele Radio AB, declares that the radio equipment type(s) listed above is/ are in compliance with Directive 2014/53/EU. The latest version of the complete EU Declaration of Conformity is available on the Tele Radio AB website, www.tele-radio.com.

WEEE DIRECTIVE



This symbol means that inoperative electrical and electronic products must not be mixed with household waste. The European Union has implemented a collection and recycling system for which producers are responsible. For proper treatment, recovery and recycling, please take this product to a designated collection point.

FCC AND IC STATEMENTS

FCC: This product is in compliance with Part 15 of the FCC rules.

IC: This product is in compliance with Industry Canada's licence-exempt RSSs.

The complete statements are included in the corresponding installation instructions available on www.tele-radio.com.

PRODUCT DESCRIPTION

RADIO MODE

NOTE! You cannot change the radio mode from the transmitter. Contact your representative for assistance.

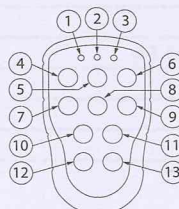
NOTE! To establish a radio link between the transmitter and the receiver, both units must be set to the same radio mode.

This transmitter is set to discontinuous radio mode by default. The transmitter starts transmitting as soon as the batteries are inserted and any transmitter button is pressed. Radio transmission ends when all transmitter buttons are released.

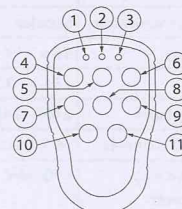
TRANSMITTER FRONT

NOTE! Performing a "factory reset" of the unit will return the settings to the factory defaults and all button remapping will be lost.

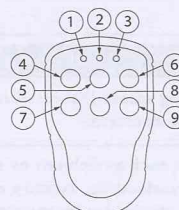
PN-T13-10



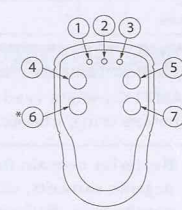
PN-T13-8



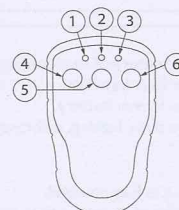
PN-T13-6



PN-T13-4



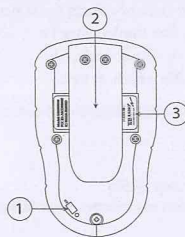
PN-T13-3



- | | | |
|-------------------------|-------------|---------------|
| 1. LED 1 (red) | 4. Button 1 | 9. Button 6 |
| 2. Top LED (red, green) | 5. Button 2 | 10. Button 7 |
| 3. LED 2 (red) | 6. Button 3 | 11. Button 8 |
| | 7. Button 4 | 12. Button 9 |
| | 8. Button 5 | 13. Button 10 |

* On PN-T13-4, the default buttons 3, 4 and 6 have been remapped to work as buttons 2, 3 and 4. Contact your representative for more details.

TRANSMITTER BACK



1. I/O switch
2. Clip
3. Product label

I/O SWITCH

The I/O switch on the back of the transmitter interrupts the power supply from the battery. When in the O/off position, the transmitter cannot be started unless the charger plug is connected.

IMPORTANT! When the transmitter is to be transported by air, the I/O switch must be in the O/off position.

NOTE! The I/O switch should not be used as an on/off button for the transmitter. To start and stop the transmitter, use the stop button.

TECHNICAL DATA

	PN-T13-10	PN-T13-8	PN-T13-6	PN-T13-4	PN-T13-3
Number of buttons	10 x 1-step button	8 x 1-step button	6 x 1-step button	4 x 1-step button	3 x 1-step button
Battery	2 x 1.5 V AAA / LR03 Alkaline				
I/O switch	Yes				
Radio communication	Simplex				
Dimensions	66 x 114 x 37.5 mm / 2.6 x 4.5 x 1.5 in				
Weight	135 g / 0.29 lbs				
Frequency band	2405–2480 MHz				
Number of channels	16 (channel 11–26)				
Radio frequency output power	<10 mW				
IP code	67				
Operating temperature	-20...+55 °C / -4...+130 °F				

BATTERY PRECAUTIONS

IMPORTANT! Carefully read through the following safety instructions and warnings before using, charging or disposing of the batteries.



Batteries contain flammable substances such as lithium or other organic solvents, which may result in overheating, rupture or combustion. Failure to read and follow the below instructions may result in fire, personal injury and damage to property if charged or used improperly.

Handling and storage

- Risk of explosion if battery is replaced with a battery of an incorrect type.
- Do not short circuit, disassemble, deform or heat batteries.
- Never attempt to charge a visibly damaged or frozen battery.
- Do not use or charge the battery if it appears to be leaking, deformed or damaged in any way.
- Do not solder directly onto batteries.
- Do not leave the battery in the charger once it is fully charged.
- Store in a cool location. Keep batteries away from direct sunlight, high temperature, and high humidity.
- Immediately discontinue use of the battery if, while using, charging, or storing the battery, the battery emits an unusual smell, feels hot, changes color, changes shape, or appears abnormal in any other way.
- Keep batteries out of reach of small children. Should a child swallow a battery, consult a physician immediately.



Disposal

- When discarding batteries, insulate the + and - terminals of batteries with insulating/masking tape.
- Do not place multiple batteries in the same plastic bag.
 - Do not incinerate or dispose of batteries in fire.
 - Do not place used batteries in the household waste. Dispose of used batteries in accordance with the applicable regulations and legal requirements.
 - Batteries that have been disposed of incorrectly may short circuit, causing them to become hot, burst or ignite.

BATTERY INFORMATION



Do not recharge the batteries. Attempts to recharge may cause rupture or hazardous liquids to leak, which will corrode the equipment.

NOTE! Electronics and batteries must be physically separated before disposal. Make sure that electronics or batteries are not disposed of in household waste.

NOTE! When approximately 10 % of battery capacity remains, the top LED lights red.

GUARANTEE, SERVICE, REPAIRS AND MAINTENANCE

Tele Radio AB products are covered by a guarantee/warranty against material, construction and manufacturing faults. During the guarantee/warranty period, Tele Radio AB may replace the product or faulty parts. Work under guarantee/warranty must be carried out by Tele Radio AB or by an authorized service centre specified by Tele Radio AB.

The following are **not** covered by the guarantee/warranty:

- Faults resulting from normal wear and tear.
- Parts of a consumable nature.
- Products that have been subject to unauthorized modifications.
- Faults resulting from incorrect installation and use.
- Damp and water damage.

Maintenance:

- Repairs and maintenance must be carried out by qualified personnel.
- Only use spare parts from Tele Radio AB.
- Contact your representative for service or any other assistance.
- Keep the product in a clean, dry place.
- Keep contacts and antennas clean.
- Wipe off dust using a slightly damp, clean cloth.

NOTE! Never use cleaning solutions or high-pressure washer.

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For more information about this product, download the latest Installation instructions from www.tele-radio.com.