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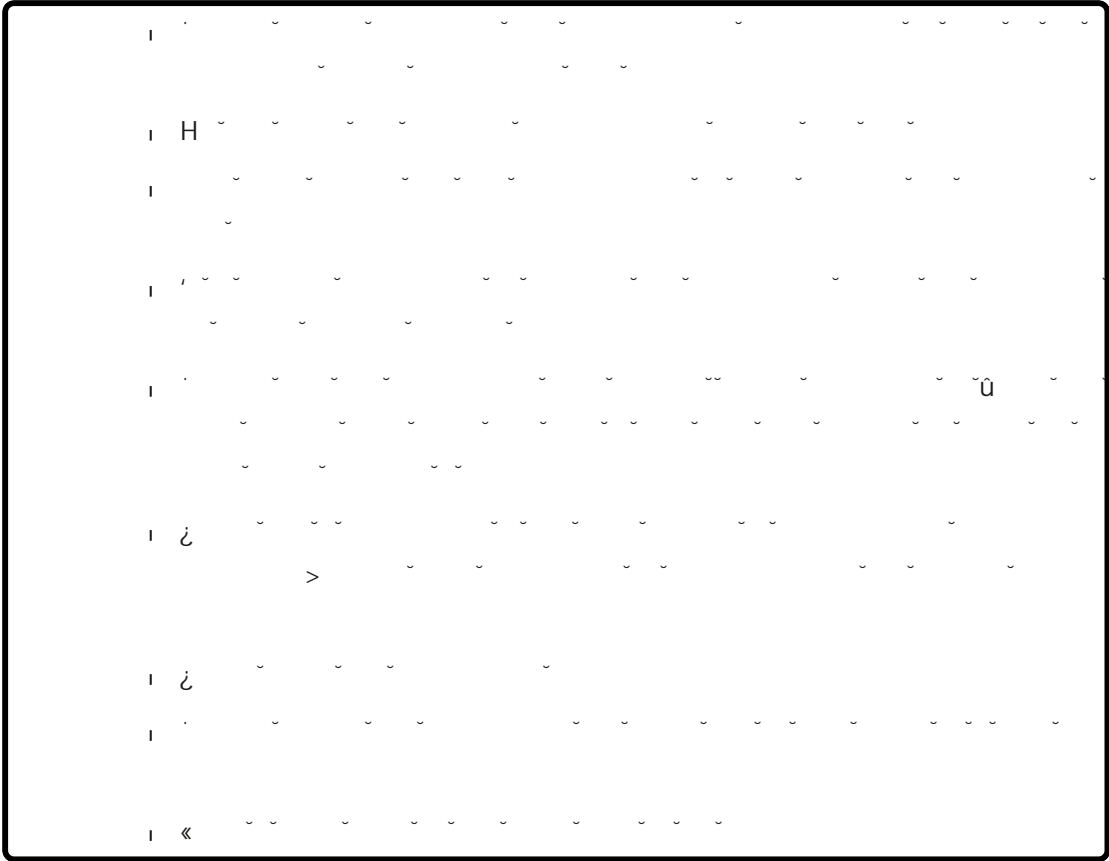
Tele Radio AB products are covered by a warranty against material, construction, or manufacturing faults. See "Chapter 9: Warranty, service, repairs, and maintenance".

Before installing or operating the product, read the corresponding documentation carefully.

Tele Radio AB

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2.1.2 MAINTENANCE



- | Keep the safety information for future reference. Always download the End user instructions from our website, www.tele-radio.com, for the latest available version.
- | If error messages are shown, it is very important to find out what caused



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- | Always contact your representative for service and maintenance work on the product.
 - | Keep contacts and antennas clean.
 - | Wipe off dust using a clean, slightly damp cloth.
 - | Never use cleaning solutions.
 - | Check the encapsulation, foils and cable for damages every day. If you use the product although the encapsulation or foil is damaged, moisture can cause serious damage to the electronics.

2.2.1 STOP BUTTON



To test the stop button:

1. Press the button.
2. Twist and release the button.

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Number of buttons	8 x 2-step buttons
Power supply	3 x 1.5 V AAA / LR03 in battery pack D4-3
I/O switch	No
Radio communication	Simplex
Radio frequency band	2405 – 2480 MHz
Number of channels	16 (channel 11–26)
Radio frequency output power	EIRP ¹ < 10 dBm (10 mW)
Operating time (continuous usage)	Approximately 100 h with alkaline (depending on settings)
IP code	IP65
Operating temperature	-20...+rature

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For radio systems operating on frequency band 2.4 GHz, the frequency band is divided into 16 channels (11 to 26). Once the channel has been selected on the transmitter, the receiver will automatically detect and switch to the same channel.

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	2405		2445
	2410		2450
	2415		2455
	2420		2460
	2425		2465
	2430		2470
	2435		2475
	2440		2480



1. Rubber cover
2. button
3. Battery/Battery pack
4. Replace ID label (under the rubber cover)
5. Product label (inside the battery compartment)
6. FCC/IC label (under the rubber cover)

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The top LED is a multicolored LED that lights or flashes green when the battery capacity is good and red when the battery capacity is poor. When the top LED lights/flashes red, battery should be charged or changed at the next convenient opportunity (see "7.2.1 Change the batteries in battery pack D4-3").

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Each error is identified by a code indicated by a LED combination including the top LED (LED 0) and LEDs 1-4.



: LED is lit (red). : LED is off

: LED is blinking green/red.

NOTE: The following error indications apply for models with

- VH	- VH	- VH	- VH	- VH	
					Production data error
					Radio initialization has failed
					Stop button test is required
					CPU2 will power off the radio module
					Stop button memory error
					Flow control error

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6.1.1 RECEIVERS WITH LOGIN/LOGOUT¹ FUNCTION ACTIVATED

To control a receiver, the transmitter must be registered and logged in to the receiver. If another transmitter is already logged in to the receiver, it must be logged out before a different transmitter can be logged in.

If no transmitter is logged in to the receiver, the first registered transmitter to be started will automatically log in to the receiver. Once a transmitter has been logged in, it will remain logged in until it is manually logged out.

More than one transmitter can be registered in the receiver, but only one transmitter can be logged in at a time.

NOTE: For the logout function to work, BOTH the receiver and the transmitter must have the logout function activated and be set to continuous radio mode.

6.1.2 RECEIVERS WITHOUT LOGIN/LOGOUT FUNCTION OR WITH LOGIN/LOGOUT FUNCTION INACTIVATED

To control a receiver, the transmitter must be registered in the receiver.

If no transmitter is controlling the receiver, the first registered transmitter to be started will automatically take control of the receiver. Switching the transmitter off will free the receiver and allow any other registered transmitter that is started to control the receiver.

More than one transmitter can be registered in the receiver, but only one transmitter can control the receiver at a time.

6.1.3 MULTIPLE TRANSMITTERS REGISTERED IN A SAME RECEIVER

If more than one transmitter is registered in the same receiver, it is recommended to select the same frequency channel on all transmitters.

¹For more information about login/logout, see the transmitter installation instruction

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 radio mode by default. The transmitter starts to transmit continuously as soon as it is started. The radio transmission ends when the stop button is pressed. When the system is in continuous radio mode, buttons 7 and 8 are used as start buttons.

NOTE: Some functions are only available when the products are transmitting

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NOTE: This list is intended for use as a support for the manufacturer of the equipment where Tele Radio AB remote control systems are installed.

Before operating the radio system, follow the procedure below.

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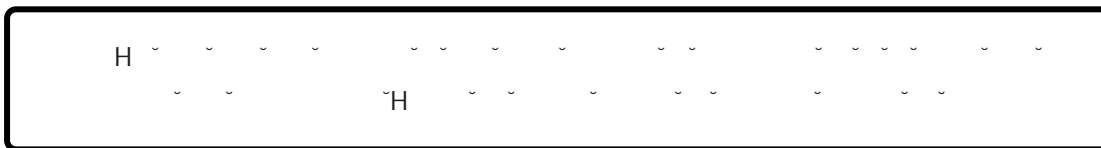
- Make sure that the controlled object can not cause any harm in the event of unexpected movement.
- Always follow local safety rules and start the equipment according to the corresponding instructions. If the equipment is not started according to the corresponding instructions, it may be damaged.

corresponding instructions and start the equipment according to the corresponding instructions. If the equipment is not started according to the corresponding instructions, it may be damaged.

corresponding instructions and start the equipment according to the corresponding instructions. If the equipment is not started according to the corresponding instructions, it may be damaged.

To be able to control a receiver with the transmitter, the transmitter must be registered in the receiver.

When starting the transmitter, it will automatically log in to the receiver(s) it has been registered in, provided that no other transmitter is already logged in to the receiver(s). If the transmitter was not logged out after the last session, it will remain logged in when starting a new session.



1. Make sure that the button is pressed.
2. Twist and release the button.
The top LED lights. LEDs 3 and 4 flash (red).
3. Press buttons 7 and 8 simultaneously for at least 1 second.
LEDs 3 and 4 light (red).
4. Release buttons 7 and 8.
LEDs 3 and 4 go out. The top LED flashes.
5. Proceed with the functional test (see "6.3 Functionality test").



A transmitter already logged in to the receiver has to be logged out before any other transmitter can be logged in. If a transmitter has been lost or seriously damaged, use the replace procedure on the transmitter.

NOTE: Logout can only be performed when the transmitter is on and a radio link with one or more receivers has been established. The receiver must be powered-up for the logout procedure to be successful.

NOTE: The logout procedure will log the transmitter out from all receivers that are part of the radio session.

NOTE: The logout function cannot be activated/deactivated from the transmitter. Contact your representative for assistance.

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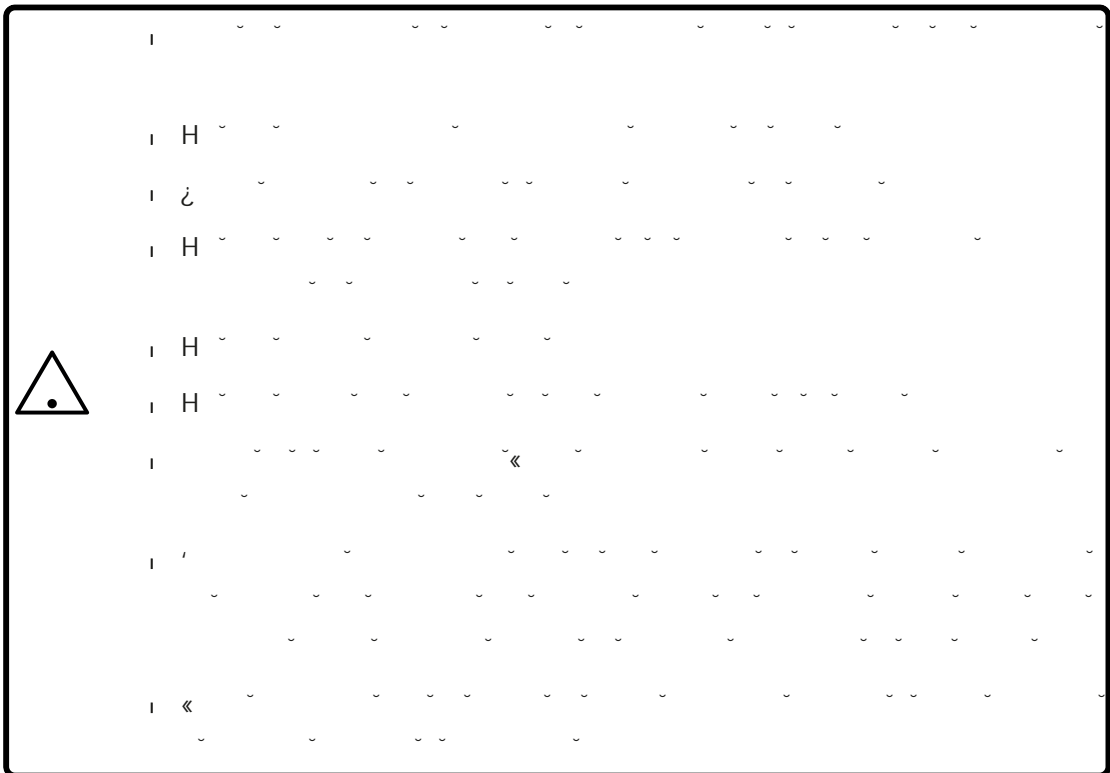
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7.1.1 HANDLING AND STORAGE



7.1.2 DISPOSAL

When discarding batteries, insulate the + and - terminals of batteries with insulating/ masking tape.



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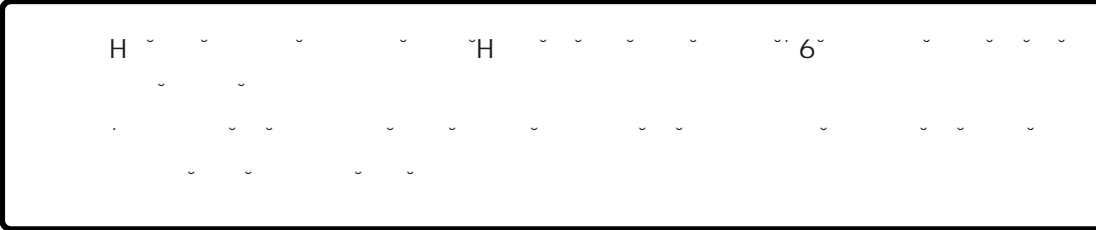
NOTE:

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

7.2.1 CHANGE THE BATTERIES IN BATTERY PACK D4-3



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

The following are covered by the 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

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Repairs and maintenance are performed by authorized service centers. For more information, contact us at 8 00 123 456.

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NOTE: Models including additional naming conventions:

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		T19-2, T00019-02, PN-T19-2, PN-T19-02

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Applies to:

10.1.1 CE MARKING

Hereby, Tele Radio AB, declares that the radio equipment type(s) listed above is/ are in compliance with the Radio Equipment 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.

10.1.2 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.

Tele Radio AB strives to minimize the use of hazardous materials, promotes reuse and recycling, and reduces emissions to air, soil and water. When a commercially viable alternative is available, Tele Radio AB strives to restrict or eliminate substances and materials that pose an environmental, health or safety risk.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

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