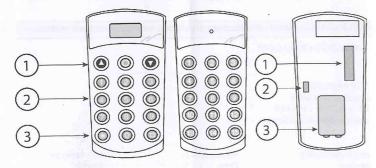# TELE RADIO AB Transmitter instructions

T60TX-15DML/T60TX-15SML
T20TX-15DMM/T20TX-15SMM

T60TX-15DML
T20TX-15DMM

T60TX-15SML
T20TX-15SMM

1. Function buttons
2. Door no. buttons
3. Function shortcut

1. System switch (A)
2. Code switch (B)
3. Battery 9V, Alkaline

TECHNICAL DATA

Frequency	L=433.92 MHz, M=869MHz
Size	43 x 62 x 38 mm
IP classification	65
Climatic conditions	-20°C to +55°C
Humidity	10-90%

*NOTE! When re-setting the system switch, the transmitter must be switched off.

Shortcut for one function
(T60TX-15DML):

The *-buttons and #-buttons are used for programming a shortcut (1 selection per button) for a particular function. To program a shortcut: set the door that you wish to save, press * or # for more than 3 seconds (the display flashes). The door has been saved as a shortcut. To access the shortcut, press the relevant button once.

System switch (A1):

When (A1) is in ON position, the transmitter communicates with system T60. When (A1) is in OFF position, the transmitter communicates with system 460. When re-setting, the transmitter must be switched off.

Learn the transmitter code

T20RX-02AKL/T20RX-02AKM
Three different functions for the two relays in the receiver can be selected when instructing the transmitter: button 1 activates relay 1, button 2 activates relay 2, any button on the transmitter activates relay 1, any button on the transmitter activates relay 2.

T20/T60RX-03ADL, T20RX-03ADM

NOTE! If you are using a T20-transmitter, you have to use a fixed individual code. 60 transmitters can be stored in the receiver.

T20: fixed individual code / T60: adjustable code

1. Press the registering button for 0.3 - 4 seconds.

2. Release the button.
When in programming mode, the red LED lights.
3. Press the required function button.
The red LED flashes 3 times quickly.
4. The code is saved.
The red LED flashes once every other second.

T20: not possible / T60: fixed individual code

1. Press the registering button for 0.3 - 4 seconds.
2. Release the button within 1 second.
3. Press the button once again (for more than 1 second).
The red LED goes out and lights up.
4. Press the required function button.
The red LED flashes 3 times quickly.
5. The fixed, individual code for T60 is stored.
The red LED double-flashes every other second.

T60RX-04ASL, T60RX-04BSL, T60RX-04DSL, T60RX-08ASL, T60RX-08BSL, T60RX-08CSL, T60RX-08DSL, T60RX-04ASM, T60RX-04BSM, T60RX-08ASM, T60RX-08BSM

Fixed, individual code
1. Select the program option "Learning of code" (red LED) using the function button.
2. Confirm by using the select button. The red LEDs above the relays light up.
3. Scroll to the relay(s) that you want to program by using the function button.
When a relay has been selected, it will be controlled by the transmitter button that you used during learning.
When a relays are selected: the transmitter's first button will control relay 1, button 2 will control button 2, etc.
4. Confirm by:
- pressing down the select button for 0.3 - 4 seconds.
- pressing down the select button within 1 second for at least 1 second.
5. Program the transmitter's code by holding down the transmitter button until the red LED 6 flashes 3 times.

Red LED 6 double flashes to indicate that the transmitter's adjustable and fixed, individual code have been stored.

Adjustable code
Ensure that the required adjustable code is set ob the transmitter's code switch.

ERASE THE TRANSMITTER FROM RECEIVER

T20RX-02AKL/T20RX-02AKM
Erase all stored transmitter's ID-codes by pressing the receiver button for more than 8 seconds.

T20/T60RX-03ADL, T20RX-03ADM
Press the receiver function button for approx. 6 seconds. The red receiver LED lights. When the red receiver LED goes out, the transmitter is erased.

T60RX-04ASL, T60RX-04BSL, T60RX-04DSL, T60RX-08ASL, T60RX-08BSL, T60RX-08CSL, T60RX-08DSL, T60RX-04ASM, T60RX-04BSM, T60RX-08ASM, T60RX-08BSM

Press the receiver function button. The red receiver LED lights. Press the select button. The relay LEDs light. Press the function button. Press the select button. Release. Press the select button again. Keep pressed until the relay LEDs go out.

CHANGE BATTERY
1. Remove the clip on the backside of the transmitter (2 screws).
2. Remove the encapsulation (1 screw).
3. Change the battery (1 x 9V).

BATTERY PRECAUTIONS
Observe the following general battery warnings:
- As batteries contains flammable substances such as lithium or other organic solvents, they may cause heating, rupture or ignition.
- Risk of explosion if battery is replaced with a battery of an incorrect type.
- Do not short circuit, disassemble, deform or heat batteries.
- Never try to charge a visibly damaged or frozen battery.
- Keep batteries out of reach of small children. Should a child swallow a battery, consult a physician immediately.
- Avoid direct soldering to batteries.
- When discarding batteries, insulate the + and - terminals of batteries with insulating/ masking tape. Do not put multiple batteries in the same plastic bag.
- When improperly disposed, lithium batteries may short circuit, causing them to become hot, burst or ignite.
- Store in a cool location. Keep batteries away from direct sunlight, high temperature, and high humidity.
- Do not throw batteries into fire.

ROHS AND WEEE
In accordance with Directive 2011/65/EU on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and Directive 2002/96/EC on waste electrical and electronic equipment (WEEE), 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.

GUARANTEE, SERVICE, REPAIRS AND MAINTENANCE
The 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.

This is 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
- Use spare parts from Tele Radio AB only
- Contact your representative if you require service or other assistance

- Keep the product in a dry, clean place
- Keep contacts and antennas clean
- Wipe off dust using a slightly damp, clean cloth

IMPORTANT! Never use cleaning solutions or high-pressure water.

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