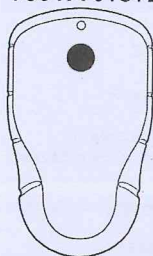


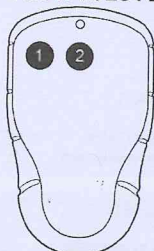
# TELE RADIO AB Transmitter instructions

## T60TX-0XSTL/T60TX-0XSTM

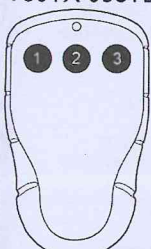
T60TX-01STM  
T60TX-01STL



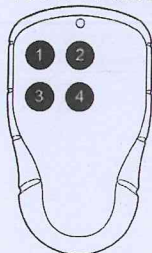
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T60TX-02STL



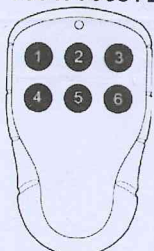
T60TX-03STM  
T60TX-03STL



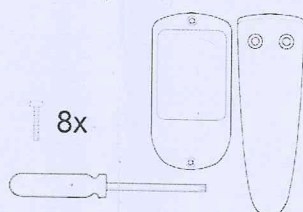
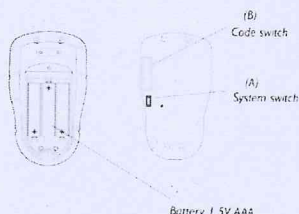
T60TX-04STM  
T60TX-04STL



T60TX-06STM  
T60TX-06STL



T60TX-08STM  
T60TX-08STL



## TECHNICAL DATA

|                     |                    |
|---------------------|--------------------|
| Frequency           | L=433MHz, M=869MHz |
| IP classification   | 65                 |
| Size                | 65x112x35 mm       |
| Climatic conditions | -20°C to +55°C     |
| Humidity            | 10 - 90%           |

## RADIO TRANSMISSION

Transmission continues during the time each function button is held down and is interrupted once the button is released. The red zLED flashes while the button is pressed.

## 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: button activates relay 1, button 2 activates relay 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-04AKM

Erase all stored transmitter's ID-codes by pressing thereceiver button for more than 8 seconds.

### T20/T60RX-03ADL, T20RX-03ADM

Press the receiver function button for approx. 4 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

1. Press the receiver function button. The red receiver LED lights.
2. Press the select button. The relay LEDs light.
3. Press the function button.
4. Press the select button.
5. Release.
6. Press the select button again. Keep pressed until the relay LEDs go out.

# TELE RADIO AB Transmitter instructions

## 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.

[www.tele-radio.com](http://www.tele-radio.com)

TELE RADIO AB  
Sweden, Main office  
Tel. +46 (0)31-748 54 60  
email: [info@tele-radio.com](mailto:info@tele-radio.com)

TELE RADIO SVERIGE  
Sweden  
Tel. +46 (0)31-724 98 00  
email: [sverige@tele-radio.com](mailto:sverige@tele-radio.com)

TELE RADIO LTD  
England  
Tel. +44 (0) 1625 509125  
email: [england@tele-radio.com](mailto:england@tele-radio.com)

TELE RADIO TURKEY  
Turkey  
Tel. +90 216 574 22 94  
email: [turkiye@tele-radio.com](mailto:turkiye@tele-radio.com)

TELE RADIO ASIA  
China  
Tel. +86-(0)592-3111168  
email: [china@tele-radio.com](mailto:china@tele-radio.com)

TELE RADIO GmbH  
Germany  
Tel. +49 (0)94 51-944 8 550  
email: [deutschland@tele-radio.com](mailto:deutschland@tele-radio.com)

TELE RADIO LLC  
North America & Latin America  
Tel. +1 (305) 459 0763  
email: [america@tele-radio.com](mailto:america@tele-radio.com)

TELE RADIO BV  
Benelux  
Tel. +31-(0)70-419 41 20  
email: [benelux@tele-radio.com](mailto:benelux@tele-radio.com)

TELE RADIO AS  
Norway  
Tel. +47-6933 4900  
email: [norge@tele-radio.com](mailto:norge@tele-radio.com)

TELE RADIO ITALY  
Italy  
Tel. +39-(0) 175 21 19 62  
email: [italia@tele-radio.com](mailto:italia@tele-radio.com)

## 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.

## Wichtiger Hinweis

Es ist sehr wichtig, den Code der DIP-Schalter im Sender auf Ihre eigene, individuelle Codekombination zu ändern, wenn Sie den EINSTELLBAREN Code für die Kommunikationsprogrammierung zwischen Sender und Empfänger nutzen wollen. Dies ist erforderlich, weil alle DIP-Schalter der Sender werkseitig auf den Code „0“ (0000000000) eingestellt sind.

DE

Weitere Informationen über FESTE INDIVIDUELLE und EINSTELLBARE Codes, und wie diese im Empfänger programmiert werden, finden Sie im Handbuch des T60.

## Vigtigt!

Det er meget vigtigt at ændre kodekontakterne (DIP) i senderen til din egen, personlige kodekombination, hvis den JUSTERBARE kode skal bruges til sam-programmering af sender og modtager. Dette skyldes, at alle sendere leveres med kodekontakterne (DIP) i position "0" (0000000000).

DK

For mere info om FASTE PERSONLIGE og JUSTERBARE koder, og om hvordan disse programmeres ind i modtageren, se T60-manualen.

## Important Notice

It is very important to change the code (DIP) switches in the transmitter to your own, individual code combination, if the ADJUSTABLE code is to be used to co-program the transmitter and receiver. This is because all transmitters will be delivered with the code (DIP) switches set in position "0" (0000000000).

GB

More information about FIXED INDIVIDUAL and ADJUSTABLE codes, and how these are programmed into the receiver, can be found in the T60 manual.

## Aviso Importante

Es muy importante que cambie los interruptores de codificación (DIP) del transmisor a su propia combinación de código individual si va a utilizar el código DEFINIBLE para programar conjuntamente el transmisor y el receptor. La razón es que todos los transmisores se entregan con los interruptores de codificación (DIP) en la posición "0" (0000000000).

ES

Encontrará más información sobre los códigos INDIVIDUAL FIJO y DEFINIBLE, así como sobre el procedimiento para programarlos en el receptor, en el manual T60.

## Important

Lorsque le code RÉGLABLE est utilisé pour coprogrammer l'émetteur et le récepteur, il est très important de modifier les interrupteurs DIP de l'émetteur pour sélectionner votre propre code individuel. À la livraison, tous les émetteurs sont fournis avec interrupteurs DIP en position « 0 » (0000000000).

FR

Pour plus d'informations sur les codes INDIVIDUELS FIXES et RÉGLABLES et leur programmation, voir le manuel T60.

## Belangrijke Mededeling

Het is van groot belang om de coderingsschakelaars (DIP-switches) in de zender naar uw eigen unieke codecombinatie te wijzigen als de INSTELBARE code wordt gebruikt om de zender en de ontvanger tegelijk te programmeren. Alle zenders worden namelijk geleverd met de coderingsschakelaars (DIP-switches) in stand "0" (0000000000).

NL

In de T60-handleiding vindt u meer informatie over VASTE AFZONDERLIJKE en INSTELBARE codes en de manier waarop deze in de ontvanger geprogrammeerd worden.

## Notice

Det er meget viktig å endre senderens kode omkopler til din egne individuelle kode kombinasjon om den JUSTERBARE koden benyttes til å kode sammen sender og mottaker. Dette fordi alle sendere blir levert med kodekombinasjon 0.

NO

Mer informasjon vedrørende INDIVIDUELLE koder, JUSTERBARE koder, justeringer og hvordan programmere dette finnes beskrevet i T60 manualen.

## Viktig information

Det är mycket viktigt att ändra sändarens kodomkopplare till en egen kodkombination om den JUSTERBARA koden används för att koda ihop sändare och mottagare. Detta eftersom sändarens kodomkopplare levereras med brytarna i nolläge (0000000000).

SE

Mer information om FAST INDIVIDUELL och JUSTERBAR kod och hur dessa programmeras samman med mottagaren finns att hitta i T60 manualen.

