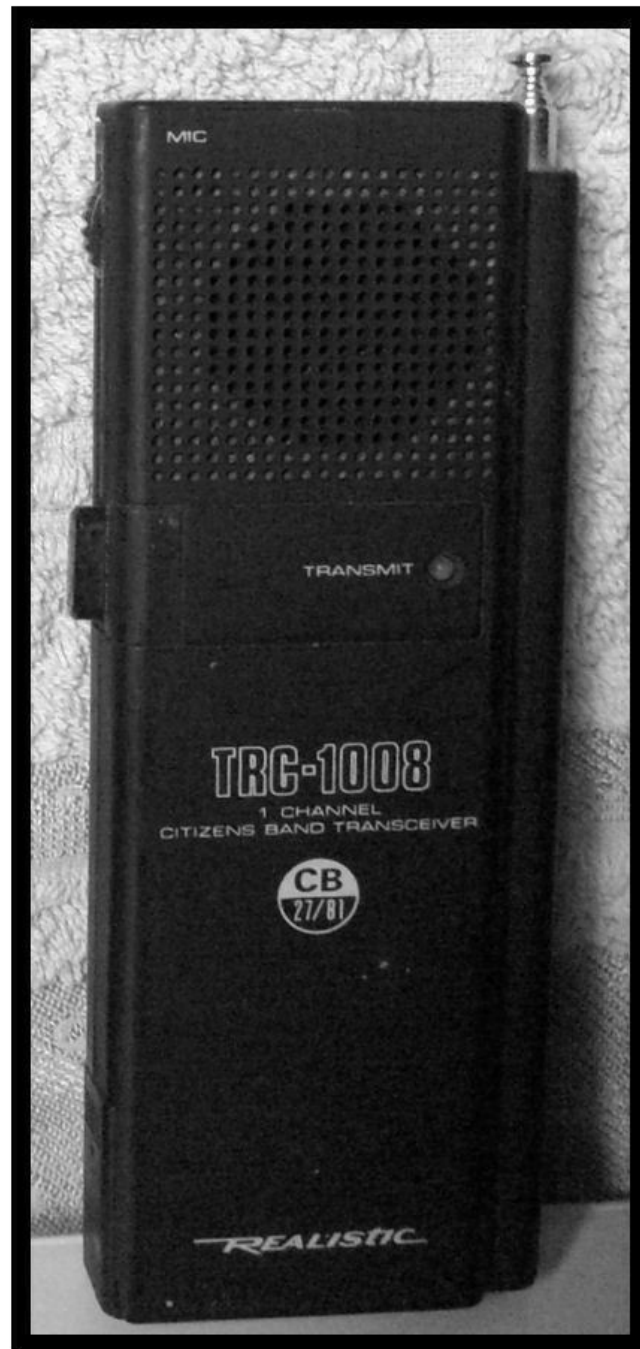

Realistic

TRC-1008

CB Transceiver

User Instructions



INTRODUCTION

Your new Realistic® TRC-1008 Walkie-Talkie is designed for practical and recreational short range Citizen Band Channel 30 Frequency 27.89125 MHz communication and constructed with the state-of-the-art electronic components for safe, easy and reliable operation.

The operating range somewhat depends on the operating environments, for example, walls, obstructions, trees, buildings, electrical equipment, etc. However, longer range can be gained in open areas such as open fields, seashores, etc. or in places where few obstructions exist.

Caution: Do not attempt to disassemble, open, or alter the Walkie-Talkie as it contains no user serviceable parts inside. Modifying or tampering with the internal components inside the unit can cause a malfunction and interference with other receiving equipment. Refer all servicing to a qualified repairman.

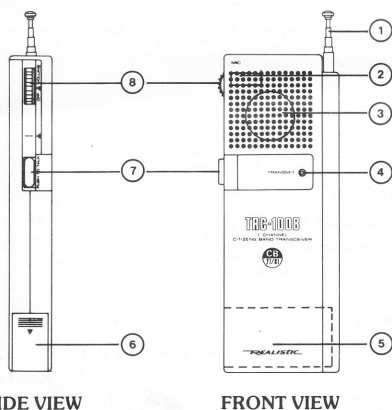
GENERAL INFORMATION

1. Interference may be experienced when operating the unit near fluorescent lights, electric motors, high voltage power lines, etc. But by moving your location and pointing the aerial in various directions you can reduce noise and interference in some degree.
2. Generally, operating the unit at high location is better than at low location.
3. The telescoping aerial should be kept fully and vertically extended during transmitting and receiving.
4. Periodically check your battery because a run-down battery will degrade the performance of the unit.
5. If you do not use the unit for a long time, remove the battery to avoid battery leakage because battery electrolyte can damage the unit.

POWER SUPPLY

Your Walkie-Talkie operates with a 9-volt battery (not included) as the power supply for the unit.

CONTROLS AND FUNCTIONS



SIDE VIEW

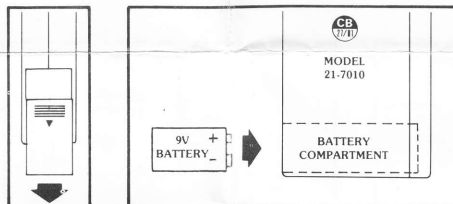
FRONT VIEW

* Trademark of Tandy Corporation

- (1) Telescoping Aerial
For signal transmitting and receiving.
- (2) Microphone
Picks up your voice for clarity of transmission.
- (3) Receiver Speaker
For you to hear the other party.
- (4) TRANSMIT Indicator
Lights when the PUSH-TO-TALK (PTT) button is pressed to transmit; does not light when the PTT button is not pressed (in «receive» mode).
- (5) Battery Compartment
Accommodates a 9-volt battery for unit's power supply.
- (6) Battery Compartment Cover
- (7) PUSH-TO-TALK Button
Signal transmitting and signal receiving are controlled by this PTT button. Press the button to transmit, release the key to receive.
- (8) VOLUME/OFF Switch and Control
Provides power on/off for the unit and provides volume control for the receiver.

INSTALLING/REPLACING BATTERY

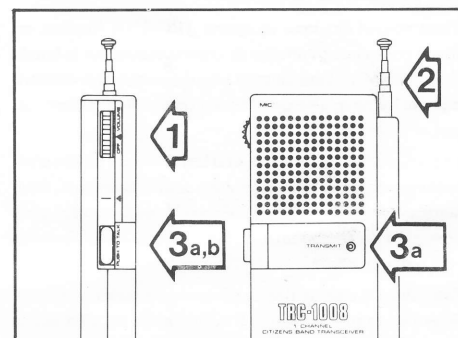
Before you use the Walkie-Talkie for the first time, install a fresh 9-volt battery (alkaline battery Tandy's Cat. No. 23-553 is recommended) into the battery compartment. Or when the TRANSMIT indicator is dim or does not light, replace the weak battery with a fresh 9-volt battery.



Follow these steps to install/replace battery:

1. Open the battery compartment by sliding the battery compartment cover in the direction of the arrow shown on the cover.
2. Remove the worn-out battery and dispose of it properly.
3. Insert a fresh 9-volt battery into the battery compartment, observing correct polarity (+ and -) as shown on the label inside the battery compartment.
Caution: Incorrect polarity installation can damage the unit.
4. Replace the battery compartment cover firmly.

OPERATION



1. Rotate the VOLUME control on/off switch to turn on the unit and turn the volume control about half way. The unit is now in «receive» mode.
2. Extend the telescoping aerial to its full length.
3. Use the PUSH-TO-TALK button for transmitting and receiving.
 - a) Transmitting: Press the PTT button to transmit. When transmitting, hold the unit so that the microphone is about 5 cm from your mouth. The TRANSMIT indicator will light up when the PTT button is pressed for transmitting. Speak clearly in normal voice and your voice will be heard through the other party's receiver speaker.
 - b) Receiving: Release the PTT button to receive. Adjust the receiver volume as desired. The other party's voice will be heard through the receiver speaker.

SPECIFICATIONS

UK Model Conforms to DTI Specifications MPT-1320

General

Power supply: 9-volt battery
 Frequency: 27.89125 MHz communication channel 30
 Aerial: Telescopic, 51 cm, 5 sections
 Transmit/receive control: PTT key
 Dimensions: 165 x 63.5 x 25.4 mm (HWD)
 Weight: 170 g

Transmitter

Modulation: FM
 RF output power: 100mW
 Battery current drain: 100mA
 Built-in condenser microphone

Receiver

Superheterodyne with IF and RF amplifiers
 IF: 455 kHz
 Sensitivity: 1.5 μV at 10 dB signal-to-noise ratio
 Audio output power: 50 mW
 Battery current drain: 12 mA (no signal)
 90 mA (maximum output)

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INTERTAN WARRANTY

INTERTAN warrants that this product will be free from defects for a period of **ninety (90) days** from the date of its purchase from any of INTERTAN's company owned stores and authorized dealers. Within this period, the product will be repaired without charge for parts and labour. There may be a slight charge for transportation. **Simply bring in your proof of purchase** to any of INTERTAN's stores or dealers. Any product which has been subjected to misuse or accidental damage is excluded from this warranty.

Except as stated above, INTERTAN makes no promises or warranties either expressed or implied including warranties of merchandability or that the product is fit for any particular purpose.

This warranty is only applicable to products purchased through INTERTAN's company owned stores and dealers that operate in the country where the products are offered for sale. The warranty gives you specific legal rights and you may have other rights which will vary under the laws of the various countries, states, provinces, etc., in which INTERTAN operates.

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