TH-82UV-82L,GT-5
USER'S MANUAL

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PREFACE

Thank you for purchasing the Tokyo Hosen TH-82L series. It is a small and lightweight dual band FM transceiver. Please read this manual carefully before commencing operation. Although, Tokyo Hosen has carefully designed, tested, and manufactured this product, it will only perform satisfactorily if it is used properly.

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SAFETY INFORMATION

Read the following precautions and follow the instructions before operating. Failure to follow these instructions may cause:

- Fire and electrical shock
- Damage to the equipment
- Injury to yourself and others

- Do not operate the transceiver in areas where its use is prohibited.
- Do not operate the transceiver in areas where explosives are used.
- Do not operate the transceiver in areas where there is a risk of explosion.
- Do not operate the transceiver in areas where there is a risk of electrical shock.
- Do not operate the transceiver in areas where there is a risk of electrical interference.
- Do not operate the transceiver in areas where there is a risk of fire.
- Do not operate the transceiver in areas where there is a risk of injury to people or other property.
- Do not use the transceiver while driving a vehicle.
- Do not use the transceiver while operating machinery.
- Do not use the transceiver while operating other electronic equipment.
- Do not use the transceiver while using medical equipment. Consult a medical practitioner or the manufacturer of the medical equipment before using the transceiver.
- Do not use the transceiver while using other electronic equipment. Consult the manufacturer of the equipment before using the transceiver.

Do not operate the transceiver in areas where its use is prohibited or where there is a risk of explosion, electrical shock, electrical interference, fire or injury to people or other property.

CHARGING AND CHECKING EQUIPMENTS

Carefully unpack the transceiver and check that all items are present and in good condition. If any items are missing or damaged, contact your dealer immediately.

Transceiver	1
Battery pack	1
Belt clip	1
Wrist strap	1
Charger	1
Antenna	1
Instruction manual	1

FEATURES AND FUNCTIONS

- Frequency range: 136-174MHz
- Channel capacity: 128 channels
- Power output: 5W/1W
- Battery: 7.4V 1500mAh Li-ion
- Dimensions: 58(W)x32(D)x124(H)mm
- Weight: 270g
- Battery life: 10 hours
- Frequency stability: ±2.5ppm
- Channel spacing: 12.5/25kHz
- Modulation: F3E/F2E
- Antenna impedance: 50Ω
- Receiver sensitivity: 0.2μV
- Receiver IF: 1st IF 21.7MHz, 2nd IF 450kHz
- Receiver type: Dual band
- Receiver modulation: F3E/F2E
- Receiver audio output: 500mW
- Receiver audio output impedance: 8Ω
- Receiver audio output distortion: 5%
- Receiver audio output frequency response: 300Hz-3K