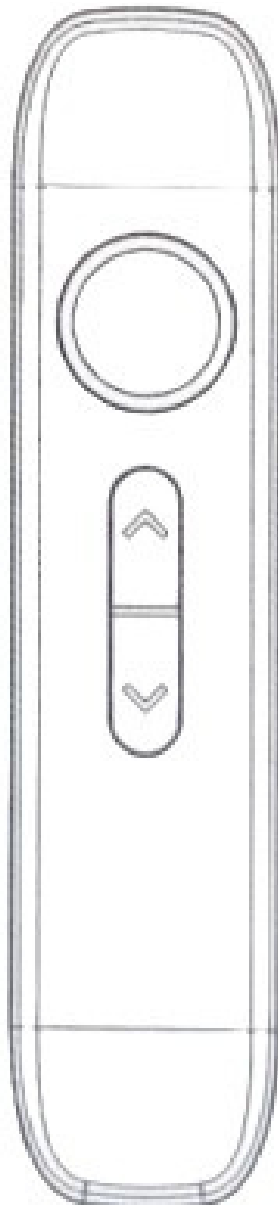


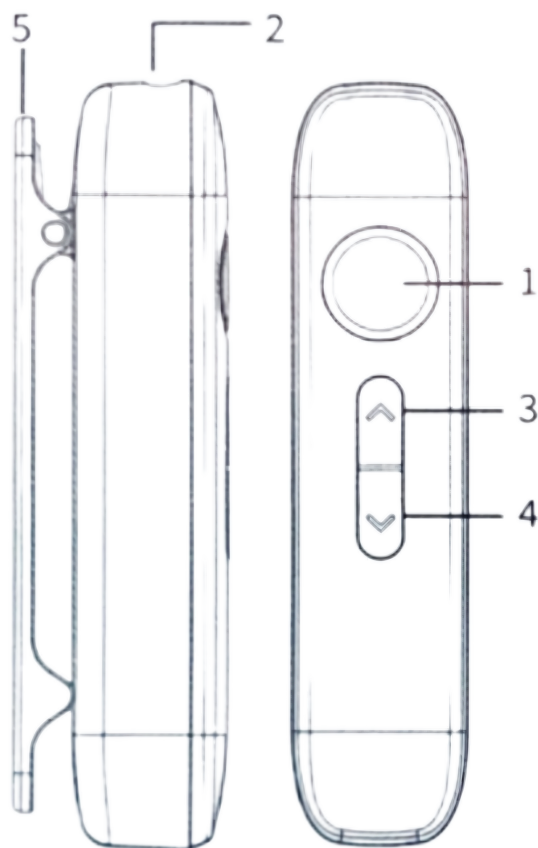


TAURUS

**MINI TWO WAY RADIO
TR103 USER GUIDE**



CONTROLS & BUTTON FUNCTIONS



1. Power
2. Programming & Earpiece & Charger
3. Volume/channel +
4. Volume/channel -
5. Belt clip

Basin Operation:

- 1: Short Push Power button: Current channel;
- 2: Long Push Power button: On/OFF;
- 3: Short VOL+; Long CH+;
- 4: Short VOL-; Long CH-;

CHECK THE PACK CONTENTS

It is recommended to check inbox items upon unboxing. If any of these items are lost or damaged, please contact your place of purchase immediately.

Inbox items:

- 1x Radio
- 1x TYPE-C charger cable
- 1x User guide
- 1x Earphone
- 1x Strap
- 1x Adapter

GETTING STARTED

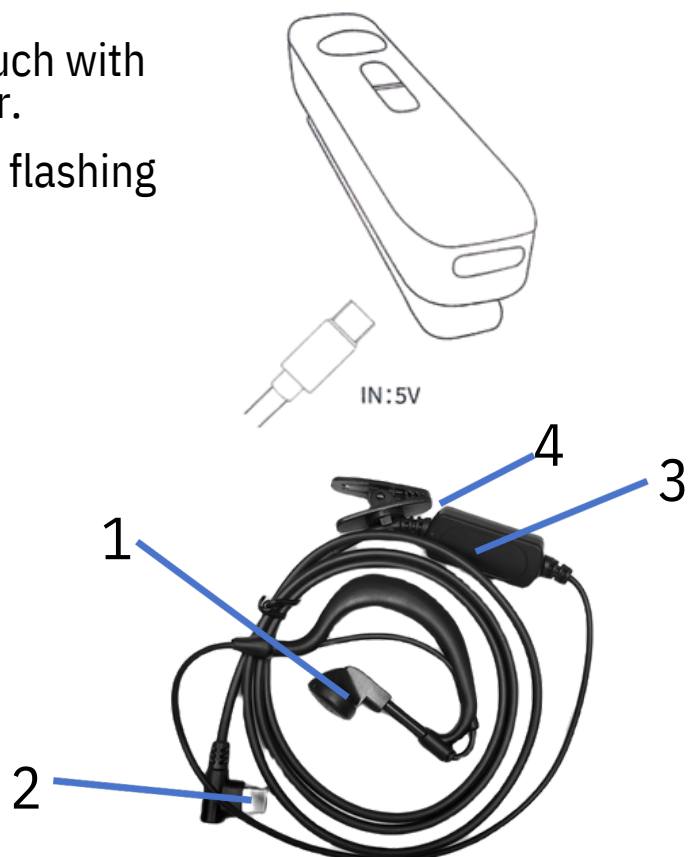
Charging The Battery

The AC power adapter should be plugged into AC power output.

Plug the Li-ion battery or radio with battery into the charger.

- Ensure the battery is in touch with the contacts of the charger.
- The charger indicator light flashing red means charging start.

1. Earphone Speaker
2. Type-C Interface
3. PTT
4. MIC



RADIO OPERATIONS

Power/Volume On/Off

1: Turn On the Radio: Long push power button 2s, hear the di di vocie , show blue light , means Turn on; 2: Turn off the radio: Long push power button 2s, hear the di di vocie , show blue and red light , means Turn off;

Channel Selection

Long Push CH+ , every time increase 1 channel ;

Long Push CH- , every time reduce 1 channel ;

Talking/Transmitting

Note: To communicate, all radios in the group must be set to the same channel and same CTCSS/DCS subcode if it is set.

Time Out Timer (TOT)

To prevent accidental transmissions and save battery life, the radio will stop transmitting and emit beep tone if you press PTT for continuous 60 seconds. You may customize the TOT setting through programming software.

Busy Channel Lockout (Busy Lock)

This function prevents accidental transmission on a busy channel. This is recommended on channels where CTCSS or DCS is being used. When Busy Lock is enabled, the BCL function will prevent you from transmitting when you hear sound from the speaker. You can select 'ON' or 'OFF' to turn on or off the companding function through the programming software.

Radio Password Setting

Note: Password need to have 6 characters include any combination of upper- and lower-case letters and numbers (0-9). Use the designed C-type programming cable for programming radio.

1. To add a new password, enter a 6-character password in the [Change Password] field and write it to the radio.
2. If a password has already been set, enter the password in the [R/W Password] field to read and write to the radio.
3. To change the password, enter the existing password in the [R/W Password] field and the new password in the [Change Password] field, then write it to the radio. The password will be updated to the new password.
4. To remove the password, enter the current password in both the [R/W Password] and [Change Password] fields, then write it to the radio to remove the password.

Battery Save

The radio has a circuit that is specifically designed to reduce power consumption and significantly prolong the battery life. If there is no transmission or receive call within 60 seconds, the radio automatically enters Battery Save mode. The radio is still able to receive transmissions in this mode.

To reduce power consumption and significantly prolong battery life. You can enable or disable the battery saver function through the programming software. It is recommended to enable this function to prolong battery life.

CTCSS (Continuous Tone Coded Squelch System) /DCS (Digital Coded Squelch) Subcode

CTCSS is a function that allows a group to talk to each other without hearing other users on the same channel. There are 50 CTCSS Codes in the list. DCS is a digital extension of CTCSS. It provides 208 extra, digitally coded, squelch codes that follow the 50 CTCSS codes. You can change the CTCSS/ DCS subcode through the programming software.

Scanning

This radio support Scan Function , if have any this requirement need programmed by Software .,

Important: Remember to turn the scan function off after scan. The scan function will drain more power if keep running in background.

Transmission (TX) Power

In some countries, set different powers are allowed for different channels. Use high power for more reliable communications and only use low power when transmission is not far away from each other's and want to prolong the battery life. You can select TX Power through the programming software.

TROUBLESHOOTING

1. Unable to power on radio. Please fully charge the radio with supplied power adapter and try again.
2. Receiving low volume. Short press [UP] button to increase the volume.
3. No receiving. Please make sure radio are set to the same channel and CTCSS/ DCS subcode and within radio coverage.

CHANNEL & FREQUENCIES

Channel	Frequency	Sub Code	H/L Power
1	439.23500	67.0	High
2	438.88500	71.9	High
3	437.33500	82.5	High
4	436.76500	91.5	High
5	435.31500	100.0	High
6	439.88500	77.0	High
7	438.23500	79.7	High
8	437.62500	Off	High
9	436.77500	107.2	High
10	435.22500	123.0	High
11	439.12500	103.5	High
12	438.22500	94.8	High
13	437.33500	85.4	High
14	436.44500	136.5	High
15	438.62500	118.8	High
16	439.31500	123.0	High

Note: Power refers to the maximum allowable power for each channel under FRS rules for the USA. This power specification is defined by the FCC and does not reflect the power specification of the radio.

CTCSS & DCS Code

CTCSS (50 Numbers)				
67	69.3	71.9	74.4	77
79.7	82.5	85.4	88.5	91.5
94.8	97.4	100	103.5	107.2
110.9	114.8	118.8	123	127.3
131.8	136.5	141.3	146.2	151.4
156.7	159.8	162.2	165.5	167.9
171.3	173.8	177.3	179.9	183.5
186.2	189.9	192.8	196.6	199.5
203.5	206.5	210.7	218.1	225.7
229.1	233.6	241.8	250.3	254.1
DCS (208 Numbers)				
D025N	D023N	D026N	D031N	D032N
D043N	D036N	D047N	D051N	D053N
D065N	D054N	D071N	D072N	D073N
D114N	D074N	D115N	D116N	D122N
D131N	D125N	D132N	D134N	D143N
D152N	D145N	D155N	D156N	D162N
D172N	D165N	D174N	D205N	D212N
D225N	D223N	D226N	D243N	D244N
D246N	D245N	D251N	D252N	D255N
D263N	D261N	D265N	D266N	D271N
D306N	D274N	D311N	D315N	D325N
D332N	D331N	D343N	D346N	D351N
D364N	D356N	D365N	D371N	D411N
D413N	D412N	D423N	D431N	D432N
D446N	D445N	D452N	D454N	D455N
D464N	D462N	D465N	D466N	D503N
D516N	D506N	D523N	D526N	D532N
D565N	D546N	D606N	D612N	D624N
D631N	D627N	D632N	D654N	D662N
D703N	D664N	D712N	D723N	D731N

DCS (208 Numbers)

D732N	D734N	D743N	D754N	D023I
D025I	D026I	D031I	D032I	D036I
D043I	D047I	D051I	D053I	D054I
D065I	D071I	D072I	D073I	D074I
D114I	D115I	D116I	D122I	D125I
D131I	D132I	D134I	D143I	D145I
D152I	D155I	D156I	D162I	D165I
D172I	D174I	D205I	D212I	D223I
D225I	D226I	D243I	D244I	D245I
D246I	D251I	D252I	D255I	D261I
D263I	D265I	D266I	D271I	D274I
D306I	D311I	D315I	D325I	D331I
D332I	D343I	D346I	D351I	D356I
D364I	D365I	D371I	D411I	D412I
D413I	D423I	D431I	D432I	D445I
D446I	D452I	D454I	D455I	D462I
D464I	D465I	D466I	D503I	D506I
D516I	D523I	D526I	D532I	D546I
D565I	D606I	D612I	D624I	D627I
D631I	D632I	D654I	D662I	D664I
D703I	D712I	D723I	D731I	D732I
D734I	D743I	D754I		

GENERAL INFORMATION & SAFETY

ATTENTION:

Before using this radio, read this guide which contains important operating instructions for safety and RF energy awareness and control for compliance with applicable standards and regulations.

For other information please refer to product details, brochures, user manuals and approved accessories lists.

- User instructions should accompany the radio when transferred to other users.
- Do not use this radio if the operational requirements described herein are not met.

This radio uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. RF energy, which when used improperly, can cause biological damage.

Unauthorized modification and adjustment

Unauthorized changes or modifications to the radio may void the user's authority granted by the local government radio management departments to operate this radio. To comply with the corresponding requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management departments equipment authorization for this radio could violate the rules.

Avoid Choking Hazard



- Warning: This radio is not a toy and may contain small and removable parts. Not for children under 3 years old.

Medical radios

If you use a personal medical radio, such as a pacemaker or hearing aid, it is recommended that you consult the manufacturer of your radio to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information .

Radio Operating Conditions

- To reduce the risk of injury, follow these guidelines when using the radio:
- Turn off your radio before removing (installing) a battery or accessory or when charging battery.
- Turn off your radio when you are in potentially hazardous environments such as near electrical blasting caps, in a blasting area, or in explosive atmospheres (flammable gas, dust particles, metallic powders, grain powders, etc.).
- Turn off your radio while taking on fuel or while parked at gasoline service stations.
- Turn off your radio in any facility where posted notices instruct you to do so. Hospitals or health care facilities (Pacemakers, Hearing Aids and Other Medical radios) may be using equipment that is sensitive to external RF energy.
- Turn off your radio when on board an aircraft. Any use of a radio must be in accordance with applicable regulations per airline crew instructions.

Hearing Safety

Warning: To reduce the risk of hearing damage, follow these guidelines when using the radio:

- Use the lowest volume necessary to do your job and turn up the volume only if you are in noisy surroundings.
- Turn down the volume before adding a headset or earpiece and limit the amount of time you use headsets or earpieces at high volume.
- When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.

- Be careful with the earphone as excessive sound pressure from earphones and headphones can cause hearing loss.
- Note that exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio's volume, the less time is required before your hearing could be affected. Hearing damage from loud noise is sometimes undetectable at first and can have a cumulative effect.

Avoid Injury



Warning: To reduce the risk of injury, follow these guidelines when using the radio:

- Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with the skin when the radio is in use, a minor burn can result.
- When handling batteries, exercise care to avoid short-circuiting the battery by keeping conductive materials such as jewelry, keys, or chains away from the exposed terminals. If a short circuit occurs, the battery may become hot and cause bodily injury such as burns. Store spare batteries securely and keep them out of reach of children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention. Dispose of used batteries immediately and safely.
- When the transceiver is used for long transmissions, the radiator and chassis will become hot.

Safety Operation



Warning: To reduce the risk of electrical shock or fire, follow these guidelines when using the charger:

- Use the charger only in dry locations/conditions and avoid using it outdoors or in moist environments.
- Do not disassemble the charger or operate it if it has been broken or damaged in any way.
- Pull by the plug rather than the cord when disconnecting the charger.
- Unplug the charger from the AC outlet before attempting any maintenance or cleaning.
- Contact reseller for assistance regarding repairs and service.
- The adapter shall be installed near the equipment and shall be easily accessible.



For Vehicle With Air Bags

- Do not place a portable radio in the area over an airbag or in the airbag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the airbag inflates.
- Refer to vehicle manufacturer's manual prior to place the electronic radio to avoid interference with air bag wiring.



Blasting Caps and Blasting Areas

Warning: To avoid possible interference with blasting operations, turn off your radio when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Approved Accessories



- This radio meets the RF exposure guidelines when used with the supplied accessories or designated for the product. Use of other accessories may not ensure compliance with the RF exposure guidelines and may violate regulations.

Warranty

Warranty Period:

- Radio - 12 months
- Accessories - 6 months

Exclusions From Warranty Coverage:

- Normal wear and tear: Routine maintenance, repair, or replacement of items due to regular usage.
- Any defects or damage caused by improper handling, accidents, negligence, exposure to liquids, extreme conditions, or using the radio for purposes it wasn't intended for.
- Damage resulting from using uncertified accessories.
- Issues arising from unauthorized attempts at servicing, altering, or modifying the radio.
- Any changes made to the radio's serial numbers, seals, or components.
- Problems arising from the use of communication services or signals in conjunction with the radio that you subscribe to or utilize.

Procedure for Obtaining Warranty Service:

For warranty service, you will need to provide a receipt proof of purchase from the actual seller for verification



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