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TNICER T4X

TNICER T4X Motorcycle Intercom User Manual

Model: T4X

INTRODUCTION

Thank you for choosing the TNICER T4X Motorcycle Intercom. This device is designed to enhance your riding experience by providing clear communication, music playback, and FM radio functionality. Equipped with advanced ENC noise cancellation and Bluetooth 5.2 technology, the T4X ensures stable and high-quality audio even in challenging environments. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's lifespan.

PRODUCT OVERVIEW



Figure 1: Two TNICER T4X intercom units, showcasing their sleek design and control buttons.

Key Features:

- **ENC Noise Cancellation:** Equipped with an ENC chip, reducing ambient noise by over 35dB for crystal-clear communication.
- **Bluetooth 5.2:** Latest Qualcomm Bluetooth 5.2 chip for stable and efficient wireless connectivity.
- **Multi-Rider Intercom:** Supports simultaneous communication for 2 to 8 riders with a maximum range of 1000m (up to 1500m for 8 riders).
- **Automatic Reconnection:** Automatically reconnects to the group when riders re-enter communication range.
- **Long Battery Life:** 1000mAh battery provides up to 40 hours of talk/music time and 700 hours of standby time.
- **IP67 Waterproof:** Designed to withstand various weather conditions including rain, snow, and dust.

- **3 Sound Adjustment Modes:** Bass Boost, Mid-range Boost, and Treble Boost for a personalized audio experience.
- **Ambient Sound Reception:** Allows hearing surrounding sounds for increased safety.
- **Music Sharing:** Share music with another rider.
- **FM Radio:** Built-in FM radio tuner (76.0MHz to 108.0MHz).
- **Voice Assistant Support:** Compatible with smartphone voice assistants.
- **Universal Connectivity:** Connects with other brands of intercoms, navigation systems, and smartphones.

Package Contents:



製品のお問い合わせ

1. 製品を使用時の疑問や問題がある場合、以下の手順でご連絡ください：
「アカウントサービス」→「注文履歴」→「出品者に連絡する」
2. また、メールでのお問い合わせも可能です：tnicerservice@tognicer.com（注文番号必須）

Figure 2: Included accessories: T4X main unit, hard mic & speaker, soft mic, manual, USB-C charging cable, 3M double-sided mats, 3M single-sided adhesive mats, rigid mic fixing velcro, mounting bracket base, round velcro, speaker sponge pads, metal clip.

- TNICER T4X Main Unit
- Hard Microphone & Speakers
- Soft Microphone
- User Manual
- USB-C Charging Cable
- 3M Double-Sided Adhesive Mats
- 3M Single-Sided Adhesive Mats
- Rigid Microphone Fixing Velcro
- Mounting Bracket Base
- Round Velcro
- Speaker Sponge Pads
- Metal Clip

1. Charging the Device:

Before first use, fully charge the T4X unit. Connect the provided USB-C cable to the charging port on the intercom and plug the other end into a USB power adapter (not included). The indicator light will show charging status. A full charge takes approximately 1.5 hours.



Figure 3: The T4X unit connected to a USB-C charging cable, illustrating its 1000mAh battery capacity and usage times: 40 hours talk time, 40 hours music time, 1.5 hours charging time, and 600 hours standby time.

2. Installing into Helmet:

Choose between the metal clip or adhesive mount for attaching the T4X to your helmet. Ensure the mounting location is secure and does not obstruct helmet functionality.

1. **Speaker Placement:** Attach the speakers inside the helmet's ear pockets using the velcro pads. Ensure they are positioned directly over your ears for optimal sound.

2. Microphone Attachment:

- For full-face helmets, use the soft microphone and attach it to the inside of the chin bar.
- For open-face or modular helmets, use the hard boom microphone and attach it to the helmet's side, positioning the microphone close to your mouth.

3. **Connect Cables:** Plug the speaker and microphone cables firmly into the corresponding ports on the T4X main unit. Ensure the connection is secure to prevent audio issues.

OPERATION

1. Power On/Off:

- **Power On:** Press and hold the Power button for 3 seconds until the indicator light turns on.
- **Power Off:** Press and hold the Power button for 3 seconds until the indicator light turns off.

2. Bluetooth Pairing (Smartphone/GPS):

The T4X uses Bluetooth 5.2 for stable connections.

1. With the T4X powered off, press and hold the Power button for 5 seconds until the indicator light flashes red and blue alternately, indicating pairing mode.
2. On your smartphone or GPS device, enable Bluetooth and search for "TNICER T4X".
3. Select "TNICER T4X" to connect. Once paired, the indicator light will turn solid blue.

3. Intercom Pairing (Multi-Rider):

The T4X supports one-touch automatic pairing for up to 8 riders.

複数のT4Xをワン タッチで自動ペアリング

最大8台までのデバイスを同時に接続・通話可能、2人接続で最大1000mの通信距離。

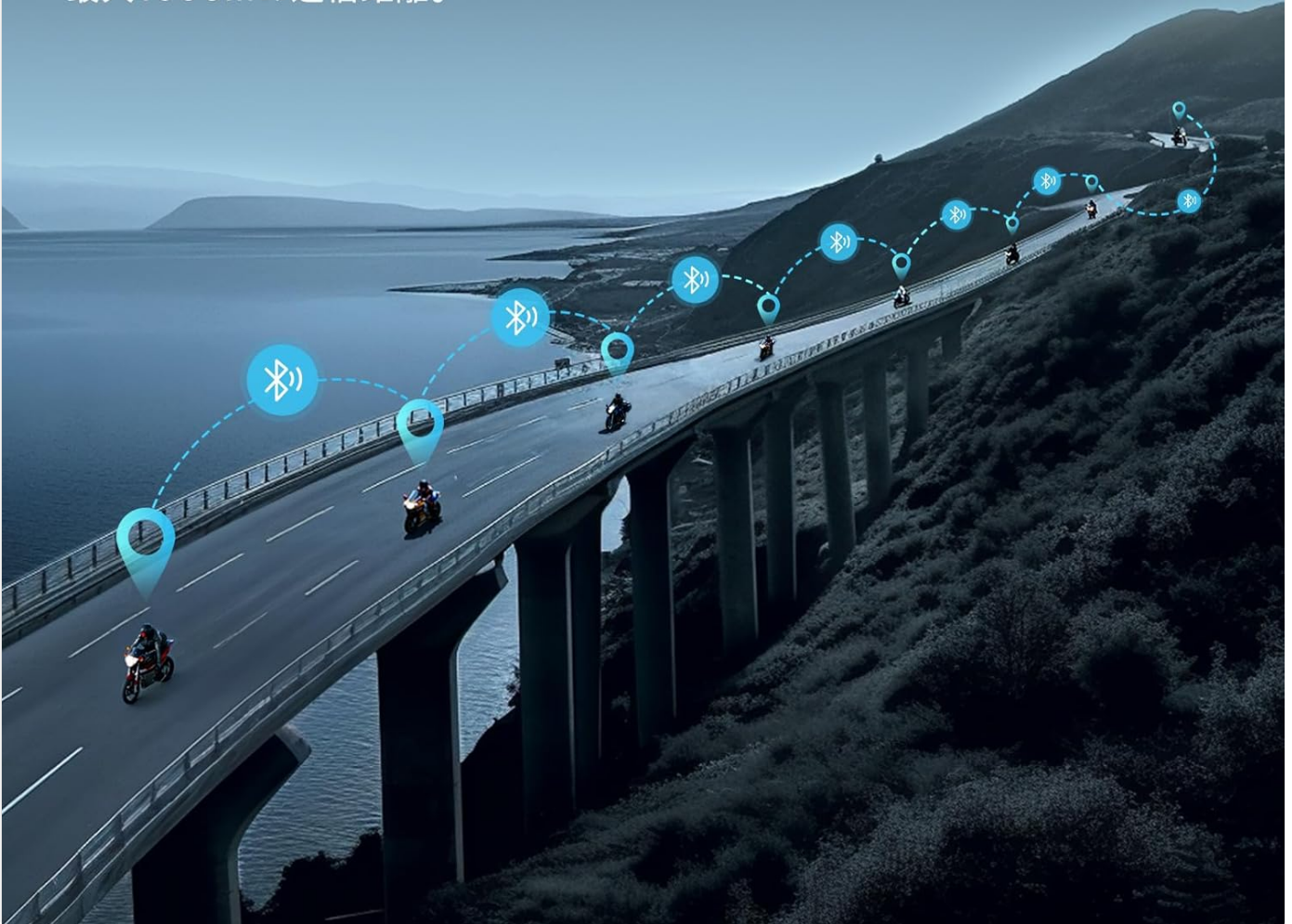


Figure 4: Illustration of multiple T4X units connected for group communication across a bridge, demonstrating the 1000m communication range for 2-8 riders.

1. Ensure all T4X units are powered on and not connected to any other devices.
2. On one T4X unit (the host), press and hold the Intercom button for 5 seconds until it enters pairing mode (indicator light flashes green).
3. On the other T4X units (clients), briefly press the Intercom button. They will automatically search and connect to the host unit.
4. Repeat for all units in the group. Once connected, all units will show a solid green light.
5. If a rider leaves the communication range, the T4X will automatically attempt to reconnect when they return.

4. Audio Functions:

- **Music Playback:** Once paired with a smartphone, music will play automatically. Use the Volume Up/Down buttons to adjust volume. Press the Multi-function button once to Play/Pause.
- **FM Radio:** Press the FM button to turn on/off the FM radio. Use the Volume Up/Down buttons to scan for stations.

- **Sound Adjustment:** The T4X offers three sound effects. Press the EQ button to cycle through Bass Boost, Mid-range Boost, and Treble Boost.



Figure 5: Visual representation of the three sound adjustment modes: Bass Boost, Mid-range Boost, and Treble Boost, allowing users to customize their audio experience.

- **Ambient Sound Reception:** Activate this mode to hear surrounding sounds while riding, enhancing safety. Refer to the detailed manual for specific button presses.
- **Music Sharing:** While playing music, press and hold the Music Share button to share your audio with a paired rider.

5. Voice Assistant:

Briefly press the Voice Assistant button to activate your smartphone's voice assistant (e.g., Siri, Google Assistant). This allows for hands-free control of your phone's functions.

MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** Store the device in a cool, dry place when not in use. Avoid extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Water Resistance:** While IP67 rated, avoid submerging the device in water for prolonged periods. Ensure all ports are securely closed before exposure to water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from speakers or microphone.	Cables not fully inserted; faulty cable/speaker/mic.	Ensure all cables are firmly inserted into the main unit. Re-insert cables several times. If problem persists, contact support.
Cannot pair with smartphone.	Device not in pairing mode; Bluetooth off on phone; interference.	Ensure T4X is in pairing mode (flashing red/blue). Turn phone's Bluetooth off and on. Move away from other Bluetooth devices.
Intercom connection unstable or drops.	Out of range; obstacles; low battery.	Ensure riders are within range (1000m-1500m). Avoid large obstacles. Charge units fully.
Poor audio quality (noise, crackling).	Microphone placement; wind noise; speaker position; cable issue.	Adjust microphone position. Ensure speakers are correctly placed. Check cable connections. ENC technology reduces ambient noise.
Device does not power on.	Low battery; device malfunction.	Charge the device for at least 30 minutes. If it still doesn't power on, contact support.

SPECIFICATIONS

- **Model:** T4X
- **Bluetooth Version:** 5.2
- **Battery Capacity:** 1000mAh Lithium Polymer
- **Talk Time:** Up to 40 hours
- **Music Playback Time:** Up to 40 hours
- **Standby Time:** Up to 700 hours
- **Charging Time:** Approximately 1.5 hours
- **Intercom Range:** Up to 1000m (2 riders), up to 1500m (8 riders)
- **Waterproof Rating:** IP67
- **Noise Cancellation:** ENC (Environmental Noise Cancellation)
- **FM Frequency Range:** 76.0MHz - 108.0MHz (Japan standard)
- **Weight:** 580g (Package weight)
- **Dimensions (Package):** 20.4 x 10.8 x 8.9 cm

WARRANTY AND SUPPORT

For any questions or issues regarding the product, please contact TNICER customer support. You can reach us via:

- **Email:** tnicerservice@tognicer.com (Please include your order number in the email).
- Refer to your purchase platform for specific warranty details and return policies.

We are committed to providing high-performance motorcycle intercom products and excellent service to our riders.