

aiTalk

Long-Range Off-Network Mobile Companion



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Quick Start Guide V1.0

Turbo Technologies Corporation

Product Specification >>>

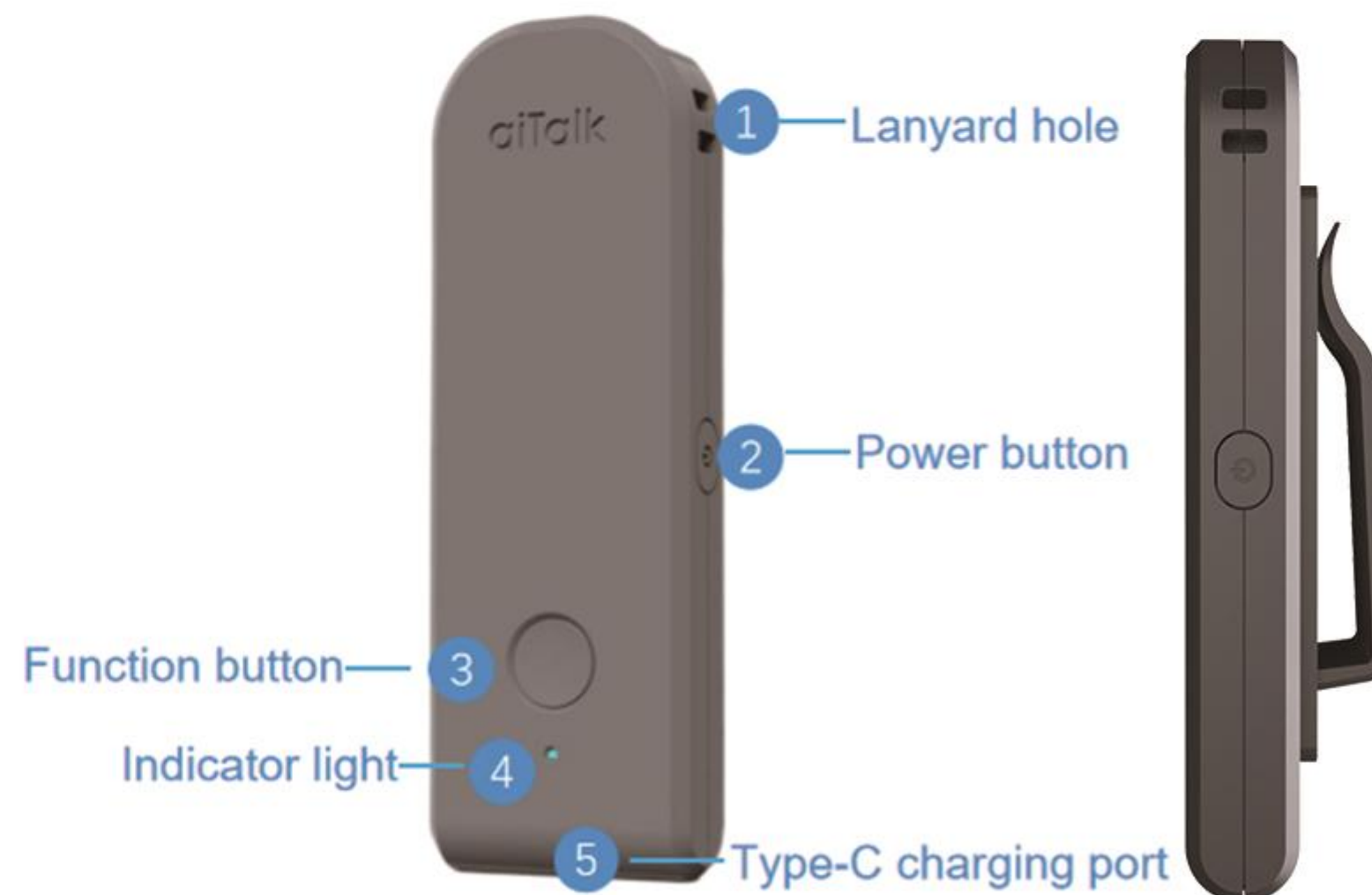
Function/Performance	Specification / Parameters	
Model	ATK-100NA	ATK-100EU
Wireless Frequency	US 902~928 MHz	EU 863~870 MHz
Data Rate / RX Sensitivity	Typical 1.8 kbps@-132 dBm	
TX Power	Typical 17 dBm (50 mW)	
Antenna Gain	1 dBi (built-in)	
Transmission Range	> 10 km@100 mW (open area)	
Networking Mode	Relay. Mesh	
Bluetooth	Bluetooth 4.0 or above	
Battery Capacity	400 mAh	
Operating Time	36 hours	
Buttons	Power button, Function button	
Indicator Light	Multi-color, connection & charging status	
OTA Upgrade	Supported via APP over Bluetooth	
Charging	Type-C port, 5V/400 mA	
Dimensions	92 x 33 x 12.8 mm	
Weight	36 g	

Package Contents >>>

Package List:

- ① Mobile companion Host*1 ② Back clip*1
③ User manual*1 ④ Certificate of conformity *1

Product Mix:



1. Power on

Long press the power button, blue flashing indicator light means the device is powered on.

If the indicator does not light, connect the charger and cable (not included) to charge before use.



2. Download the APP

Scan the QR code on the package bottom, Download the App according to your phone OS (iOS / Android).

Note: iOS and Android use different QR codes.



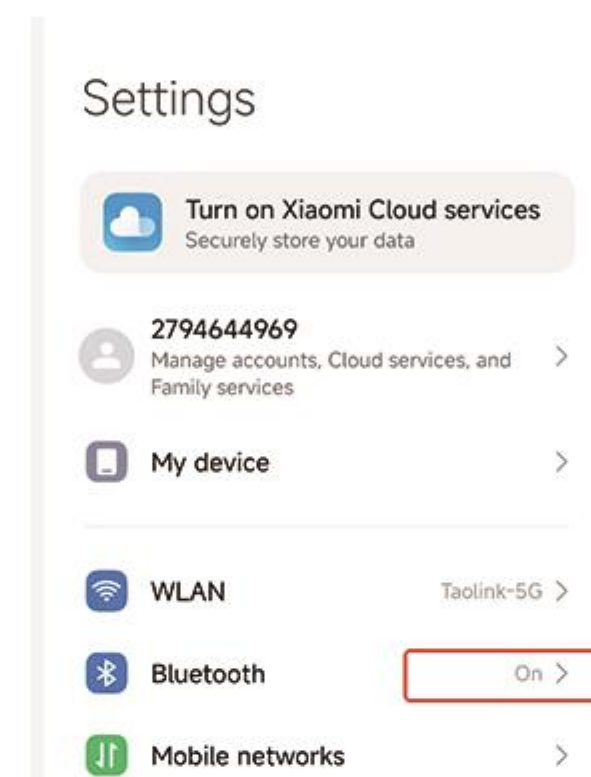
Scan to Download Android App



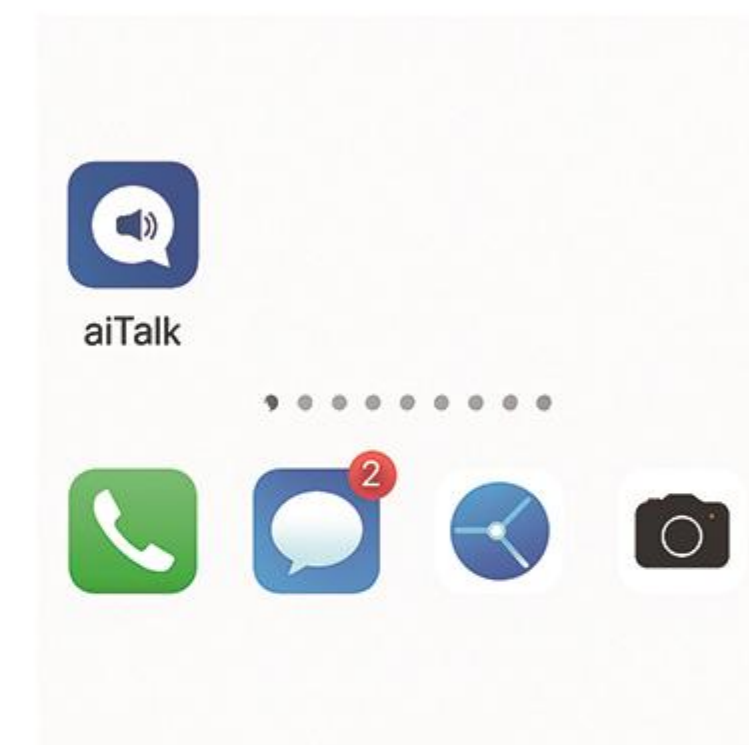
Scan to Download iOS App

3. Device Connection

① Enable Bluetooth on your phone.



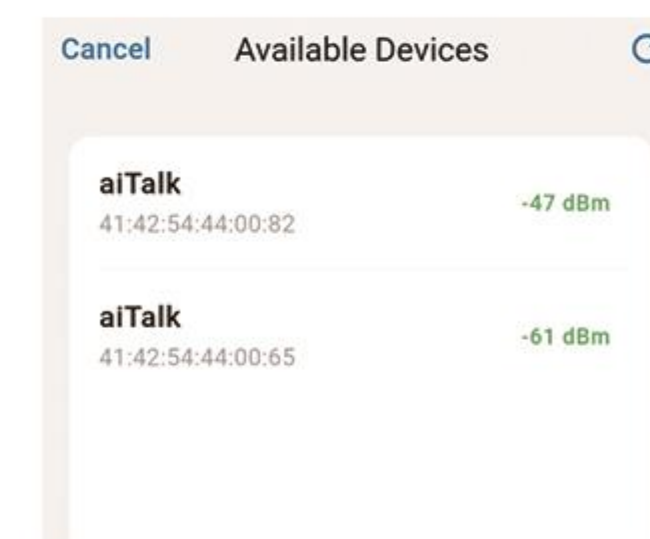
② Open the APP.



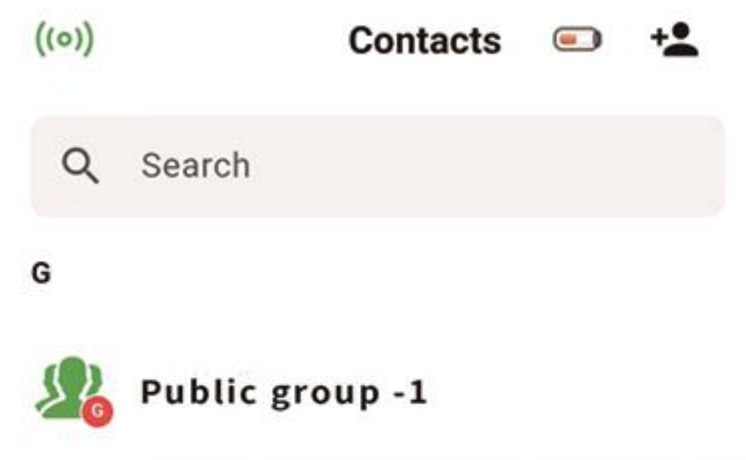
③ Tap the top-left icon (()) to pair.



④ Select the device.



⑤ Once connected, the icon ((o)) turns green.

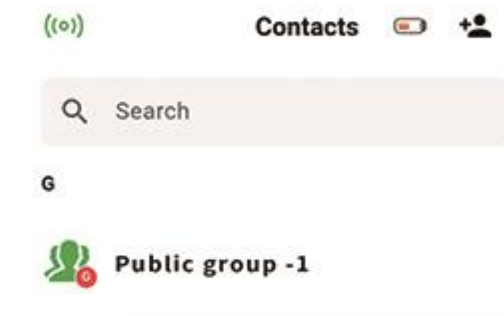


⑥ Tap ((o)) icon to check device information.

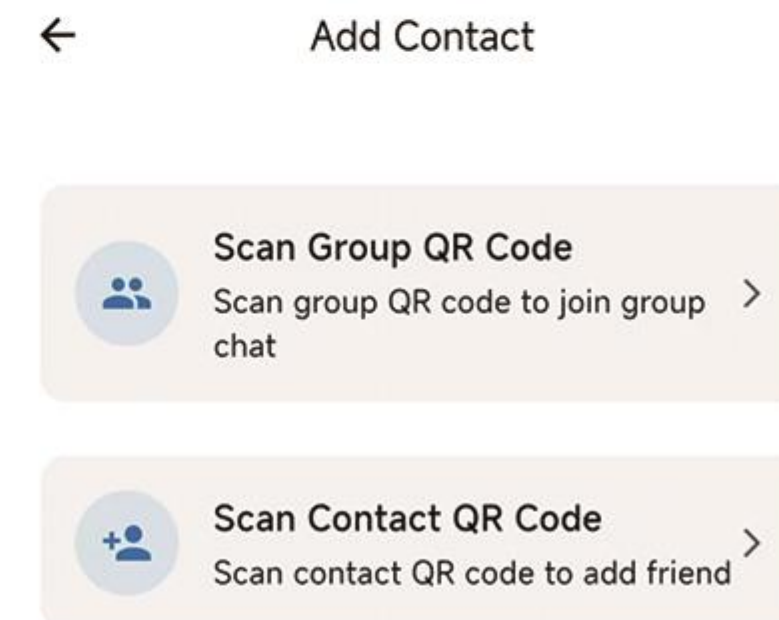


4. Basic Usage

① To add contacts, go to the Contacts page and tap the top- right + person icon.



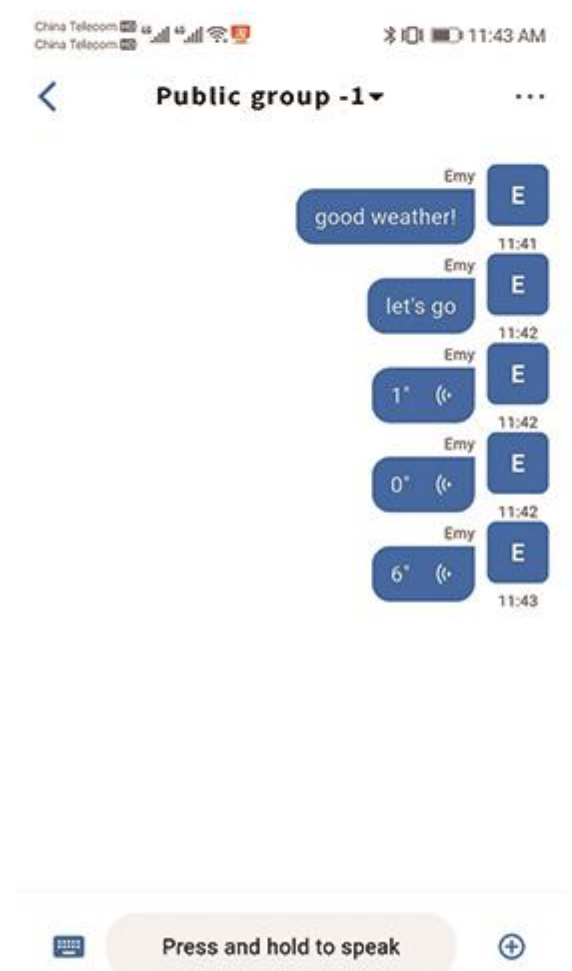
② You can scan to add groups or contacts.



- ③ Enter the message menu, select either the public group or a contact, and send text messages using the keypad .



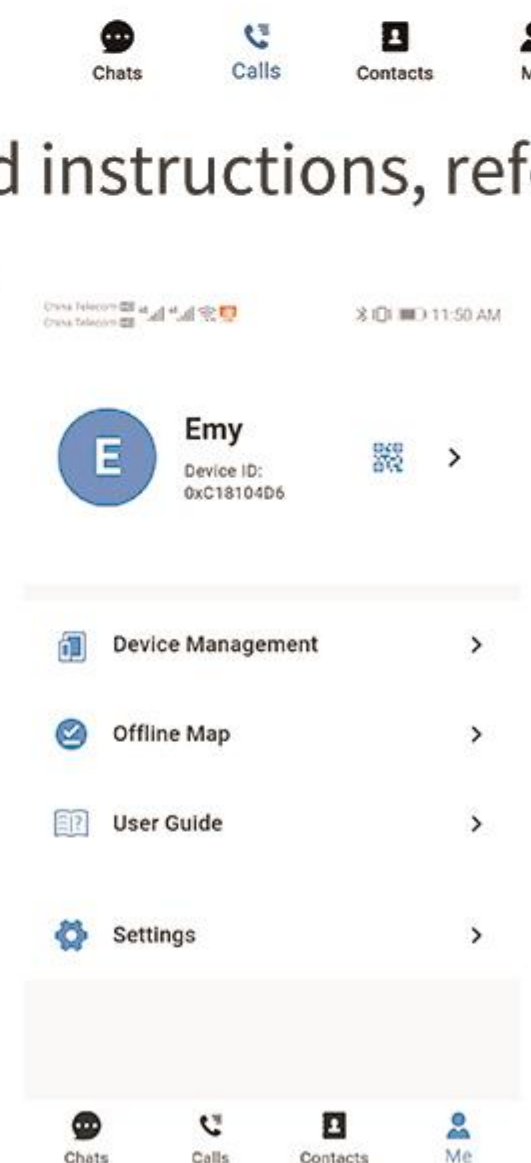
- ④ Enter the message menu, press the button  to send voice message to public group or contact.



- ⑤ Enter the call menu, choose between public group or contact for PTT or real-time voice call.

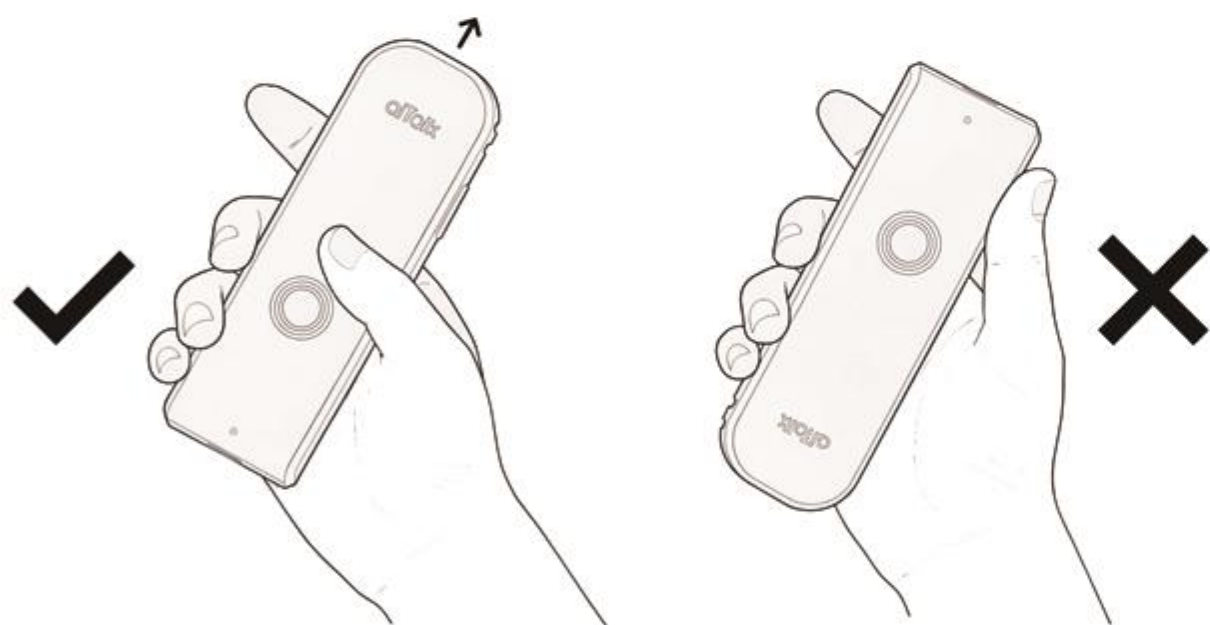


- ⑥ For detailed instructions, refer to the full user guide.



Precautions >>>

- Charging voltage: 5V.
- Do not use near fire or high temperature to avoid casing deformation.
- Unplug the charger after fully charged to avoid prolonged charging.
- Pay attention to holding the device in the correct orientation and avoid covering the built-in antenna. (see the figure below)



To achieve optimal communication performance over long distances, the device should be elevated as appropriate.

Warranty Policy >>>

This product shall be used in compliance with applicable national laws and policies. In case of any discrepancies or omissions, national laws and policies take precedence.

- Within 7 days from purchase: for performance failure, consumers may return, replace or repair.
- Within 8~30 days from purchase: for performance failure, consumers may replace or repair.
- Warranty period: 1 year. During this period, performance failures are eligible for free

Warranty »»

Warranty applies only to product malfunctions under normal use, damages not caused by product quality or under the conditions below are excluded from warranty but can be repaired at cost.

- Beyond the warranty period.
- Damage caused by failure to use or maintain the product in accordance with user manual .
- Damage resulting from disassembly or repair carried out by service centers not authorized by the company.
- Damage resulting from force majeure events.
- Normal wear and tear (e.g., casing, buttons, accessories)

Warranty Card »»

Product Warranty Card

Product information

Customer name _____

Customer add _____

Purchase date _____

Distributor (stamp) _____

Repair information

Repair date	Fault description & Repair method

FCC Declaration

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: “Harmful interference” is defined in 47 CFR §2.122 by the FCC as follows: Interference which endangers the functioning of a radionavigation service or of other safety services or seriously degrades, obstructs, or repeatedly interrupts a radio communication service operating in accordance with the [ITU] Radio Regulations.

CAUTION: To comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC Rules, this device is to comply with Class B limits. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may result in interference to radio or reception.

RF Exposure Information

This device is designed and manufactured not to exceed the emission limits for radio frequency (RF) energy exposure set by the Federal Communications Commission (FCC) of the U.S. Government.

The exposure standard employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC, with the device transmitting at its highest certified power level in all tested frequency bands. The FCC has granted Equipment Authorization for this device, and all reported SAR levels have been evaluated for compliance with the FCC RF exposure guidelines. SAR information for this device is on file with the FCC and can be found under the **Display Grant** section at www.fcc.gov/oet/ea/fccid. To ensure that RF exposure levels remain at or below the tested levels, use only belt clips, holsters, or similar accessories that do not contain metallic components. Body-worn SAR testing has been conducted with the device kept at a separation