

# AnyTone®

## BT01



### User Guide

Bluetooth Microphone

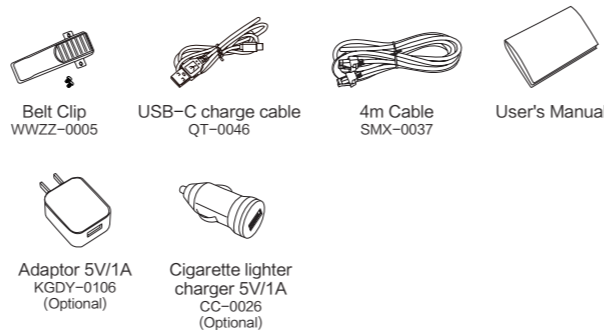
Thank you for purchasing Anytone BT01 Bluetooth Microphone. This product uses a dedicated master-slave Bluetooth module to realize wireless talk and wireless operation settings for all functions of the AT-D578UV DMR mobile radio with built-in Bluetooth module. Combined with the noise reduction function, it can effectively reduce background noise and ambient noise to achieve high-definition intercom.

#### Precautions

Please read the following regulations carefully before using this product. The following regulations will help you understand and fulfill your obligations in the warranty terms.

1. Without permission, please do not try to disassemble or modify the BT01 Bluetooth Microphone. The handling of the Bluetooth Microphone by non-professionals may cause damage.
2. Please don't put the Bluetooth Microphone in a dusty or damp place.
3. Please abide by the walkie-talkie usage rate of 1 minute for transmission and 4 minutes for reception. Long-term transmission or continuous use in high-power mode will cause the AT-D578UV mobile radio to heat up.
4. Please charge the BT01 Bluetooth Microphone before using it.
5. After the BT01 Bluetooth Microphone is turned on, it will automatically enter the pairing state. Before use, please turn on the Bluetooth function of the AT-D578UV mobile radio, and pair it with the BT01 Bluetooth microphone.

#### Accessories



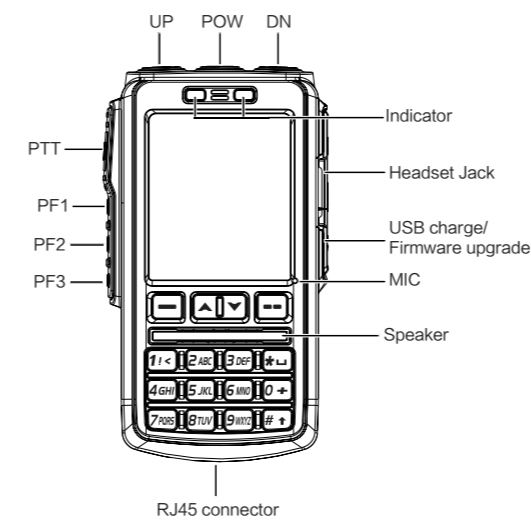
#### Charge The Battery

##### Charging Instructions

1. Insert the USB plug of the charging cable into the power adapter.
2. Plug the power adapter into the AC power outlet.
3. Insert the other end of the charging cable into the charging/upgrade interface of the radio.
4. The red charging indicator of the BT01 Bluetooth Microphone is on.
5. When the red charging indicator of the BT01 Bluetooth microphone goes out, the charging is complete.

▲ » *USB Adaptor and Cigarette light charger must be 5V voltage and ≥1A current output.*

#### Getting Started



##### Indicator Instructions

Indicator Color	Status
Left light red	Transmit
Right light red	Charge the battery
Right light green	Receive
Right light red blinking	Battery voltage is low

#### Basic Operation

##### 1-Power ON

Press the top **[POW]** button on microphone, the right green indicator light on, later the screen displays "Select Port", press **[▲]** or **[▼]** to choose the connect mode:

BT MODE: Connect the BT01 microphone to AT-D578UV mobile radio through Bluetooth.

CABLE MODE: Connect the BT01 microphone to AT-D578UV mobile radio through 4m cable.

Click on "confirm" to select the connect mode.

##### 2-BT MODE connect to AT-D578UV

After select "BT MODE" on microphone, it will display BT NAME and "NO DEVICE CONNECTED" when no radio is connected. In this state, the BT pairing shall be done on AT-D578UV.

- a) Enter into AT-D578UV radio Menu → Bluetooth → BT On/Off, set it ON.
- b) Switch to AT-D578UV radio Menu → Bluetooth → BT Pairing, select "Seek BT".
- c) AT-D578UV radio displays "Seeking BT", it will take some time to do the pairing.
- d) AT-D578UV radio displays "ALL DATA CHECKING", the display content of the AT-D578UV radio will be mapped to the Bluetooth microphone.
- e) AT-D578UV radio displays "EXTERNAL BT MODE" on the screen, the pairing is done.

BT01 microphone is able to access the radio menu and do communications now.

▲ » *Once the BT pairing is done, the BT microphone will automatically connect to AT-D578UV radio after reboot.*

##### 3-CABLE MODE connect to AT-D578UV

After select "CABLE MODE" on microphone, it will display "NO DEVICE CONNECTED" when no radio is connected.

Use the 4m cable to connect the microphone to radio, AT-D578UV displays "ALL DATA CHECKING", the display content of the AT-D578UV radio will be mapped to the Bluetooth microphone.

AT-D578UV radio displays "EXTERNAL CABLE MODE" on the screen, BT01 microphone is able to access the radio menu and do communications now.

##### 4-Power Off

Press and hold the top **[POW]** button on microphone to turn off the microphone. AT-D578UV radio will be powered off automatically when BT microphone is off.

##### 5-Adjust The Volume

In standby state, press the top **[POW]** button to switch the **[CH-]/[CH+]** button for volume adjust use.

When screen shows "UpDn Key: Vol Set", press **[CH-]** to reduce the volume, press **[CH+]** to increase the volume.



▲ » *If the volume is adjusted to the maximum and you still consider it is not loud enough.*

» *In BT MODE, you can enter into Menu → Bluetooth → RfBT SPK Gain to adjust the Bluetooth gain level and increase the volume.*


» *In POWER CABLE MODE, the volume adjustment is realized by the volume switch on AT-D578UV radio.*

## 6-Set Up VFO Frequency

In Menu→Setting→Radio Set→Key Func, assign a key function to [VFO/MR].

Press the assigned [VFO/MR] key to switch the radio into VFO frequency mode, and then press the  or  key to change the frequency.

And it allows input the frequency by keypad on microphone to change the frequency rapidly, for example, input 4,5,0,1,2,5,0,0 or 4,5,0,1,2,5,# to obtain 450.125MHz.

 » *Normally you shall input 8 digits to change the frequency, in case the end of the frequency is 0, you can press # key to confirm the valid frequency instead of input several 0.*

## 7-Select a Channel


Press the assigned [VFO/MR] key to switch the radio into channel mode, and then press the top [POW] button to switch the [CH-]/[CH+] button for channel adjust use.




And it allows input the channel number by keypad on microphone to access the channel rapidly, for example, input 0,0,9,9 a total of 4digits will switch to channel 99. In case the input channel number is not in the current zone, the microphone will emit “du” beep and stay at the current channel.

## 8-Select a Zone

Press the assigned [VFO/MR] key to switch the radio into channel mode first.

Operation 1: Press the  or  key to change the zone.

Operation 2: Go to Menu  Zone, select a zone from the zone list.

Operation 3: In Menu  Setting  Radio Set  Key Func, assign a key function to [Zone Select]. Press the assigned [Zone Select] key, and input the zone number and confirm.

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## 9-Make a Call





Press and hold the [PTT] button to start a call at the current channel, the left red indicator lights on and the radio is transmitting. Release the [PTT] button to stop the transmitting.





## 10-Receive a Call

When the radio receives a call, the right green indicator lights on and the radio is receiving.

## 11-Noise Reduction function

Enable the noise reduction function can reduce background noise and ambient noise effectively, and make calls between users clearer.

Go to Menu  Settings  Radio Set  Voice Func  Noise Reduce(RX), set the noise reduce level for receiving use, recommend setting is level 3.

Go to Menu  Settings  Radio Set  Voice Func  Noise Reduce(TX), set the noise reduce level for transmit use, recommend setting is level 3.





## 12-Menu operation

The menu operation on BT microphone is mapped from AT-D578UV radio, the functions are fully same as AT-D578UV radio. Please refer to AT-D578UV for operation.

## 13-Programmed Key

It is possible to set different functions for [P1], [P2], [P3] side keys on microphone.

Method 1: In radio Menu  Settings  Radio Set  Key Func

Method 2: In PC software  Public  Optional Setting  BT  Bluetooth handset.

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OFF	No Function
Volt	Check the current battery capacity voltage
Tx Power	Switch the power between super high, high, middle and low power.
TalkAround	Switch between Talk Around and Repeater mode
Reverse	Turn on/off the frequency reverse function.
Digi Encrypt	Choose the digital encryption group for digital channel
Call	In Analog mode, send the DTMF/5TONE/2TONE encode. This function is only valid for analog channel.
VFO / MR	Switch between VFO mode and memory channel mode.
Scan	Scan on/off
AM air/FM	Turn on/off AM air band receive or FM radio receive
Alarm	Long press the key to start alarm, short press again to exit the alarm.
Record Switch	Enable/disable the recording function
Record	Start/stop recording. When stop recording, the radio will remind repeat or send the record.
SMS	In digital mode, press to enter into SMS messages
Dial	Start the manually dial
GPS Info	Check the GPS position information
Monitor	Monitor the weak signal or the signal with unmatched ID.
Main CH Switch	Choose channel A or channel B as the main channel
Hot Key 1-6	Selects Hot Keys 1-6 Note: Hot key setup details on next page
Work Alone	Turn on/off the work alone function.
Nuisance Delete	During scanning, press the key to skip the unwanted channel
Digi Monitor	In DMR mode, press the key to turn on/off digital monitor
Sub CH On/Off	Turn on/ off the sub channel
Priority Zone	Switch to Priority Zone
Program Scan	"Press the key to start the scan in VFO channel scan start and end frequency must be programmed in CPS."

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Enhanced Sound	In digital channel, switch the microphone tone to normal or enhanced mode.
LastCall Reply	In digital channel, press the key to access the last call and press PTT to call back.
Switch ChType	Switch the channel type(Analog, Digital, Ana+Dgi, Dgi+Ana)
Ranging	When the radio receives a call and the suspension time is on, press the key programmed as "Ranging" to obtain the caller's position and distance. (Both party need GPS positioned, or will receive only GPS information)
Roaming	In standby, press the key programmed as "Roaming" to search and lock on the repeater with strongest signal. (Note: After lock on a repeater, the radio will return to last frequency only after channel or frequency is changed. The repeater frequency list must pre- programmed in CPS.)
CH Ranging	In standby, if the call contact type for a channel is "Single call" , press the key programmed as " Channel Ranging" to turn on this function. The radio will automatically start ranging function when turn to this channel.
Max VOL Set	In standby, press the key programmed as" Max Volume", will enable users to set the maximum RX volume.
Slot Set	Choose Slot for current channel, this function is only valid in repeater mode.
Aprs Type	Choose analog or digital Aprs Type for current channel.
Zone Select	In standby, press the programmed "Zone Select" key, it will allow you input the zone number and then press confirm key will switch to the zone.
A CH Mute	Mute the main channel
B CH Mute	Mute the sub channel
Roaming Set	Enter into Roaming menu quickly
APRS Set	Enter into APRS menu quickly
Zone Up	Switch the zone upwardly
Zone Dn	Switch the zone downwardly
Exit	Exit the menu (only for A-D short press)
Menu	Enter into the menu (only for A-D short press)

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Repeater	Enable / disable the repeater function
Speaker Mode	Set the voice come out from speaker on microphone or radio.
Ch.Name	Switch between channel name display and frequency display for the current channel
BHT On/Off	Enable / disable the bluetooth.
GPS On/Off	Enable / disable the GPS.
CDT Scan	Enable / disable the CTCSS/DCS scanning for the analog channel.When the radio finds matched CTCSS/DCS for current channel, it will open the speaker and start receiving. Only the analog channels with CTCSS/DCS signalling is able to start the CDT scanning.
TBST Send	Send the TBST Tone
Aprs Send	Manually transmit the APRS at the current channel.

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## Technical Specifications

GENERAL	
BT version	BT version V4.2 +EDR
Protocol	HFP; HSP; A2DP; AVRCP; SPP
Transmit Distance	10 Meters
Maximum Transmission Power	Class2, 4dbm
Sensitivity	-80dBm
Audio performance	SBC Decoding
Speaker	1W/8R
LED	Blue/Green/Red
LCD screen	2.2inch
Charge	5V Type C USB
Battery capacity/Votage	1800mAh 3.7V
Interface	3.5mm
Dimension (H*W*D)	109*62*28mm
Weight	147g
Working Temperature	-20°C ~ 55°C



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