Powerwerx Anytone BT-01 Mobile Bluetooth Speaker Microphone Instructions

**AnyTone D578UV BT01 Microphone
Instructions**

Contents

Anytone BT-01 Mobile Bluetooth Speaker Microphone

AnyTone is offering a Bluetooth Microphone (BT0101 Mic) which includes a 2.5 inch display, keyboard, speaker and microphone. The 4.25″ x 2.5″ x 1″compact design replaces a radio with have a removable front design. The BT0101 Mic works together with the AnyTone mobile D578UV/D578UVPRO/D578UVIIPRO radios and offers full control of that radio from the wireless BT01 Mic. The BT01 Mic also comes with a coiled 2′ cable which can be connected to the radio for direct control. The BT01 Mic has a builtin battery which is charged via a type "C" USB connector from a 5 Volt supply. It further has a headset connector on the right side so you can use a headset with microphone together with the BT01 Mic. The BT01 Mic also allows for a memory card to be inserted next to the headset connection.

Initial Set-up

Use a standard 5V type "C" USB cable connected under the headset cover to charge the BT01 Mic. The front right LED lights will be red when the BT01 Mic is being charged, and the LED light will go OFF when the charging is completed. The D578UV series of radios do require a firmware update to work with the BT01 Mic. Use firmware V1.16b for the D578UV and V2.03b for the D578UVII or later versions. **BT01 Mic can be charged when in operation and connected or when static.**
The BT01 Mic will work with all D578UV / UVII version radios.
Connecting and using the BT01 Mic requires the latest Firmware, BT, BT APRS and CPS updates. The BT FW update must be done using an Android type cell phone with a Bluetooth connection

Hands Free Operation

The BT01 Mic can be used as a hands-free accessory. In order to accomplish this before connecting the BT01 Display Microphone you must first pair the BT01 PTT Button with the D578 radio. Once this BT01 PTT connection is established you can move forward with setting up the Display Microphone and use the BT01 PTT as a hands-free option.

Power ON

The BT01 Mic is powered on by pressing the top center [POW] button for 5 seconds. The LED lights green and the screen display "Select Port" with 2 options: 1) BT01 PORT 2) UART PORT for the cable connection. Press the Up/Dn button on the front to select "BT01 Port" or "UART PORT". **The BT01 can be set to turn the radio ON /OFF Remotely as well.**

BT01 Pairing to the D578UV

Power ON the BT01 Mic and select "BT01 Port", the screen displays "NO DEVICE CONNECTED". Start the BT01

pairing from D578UV radio by selecting Menu/Bluetooth/etc. The D578UV will find the BT01 Mic which has a Bluetooth name like: ELET_AGHT_LE9D10 and confirm the pairing. This will load data into the BT01 Mic the first time to be able to control the D578UV radio just like from the radio front panel. The D578UV radio, after pairing, will show "Work in BT01 OpMode" and the only key now available is the EXIT key to cancel the connection. **Note: BT01 Mic may reconnect after you exit so to complete the disconnect turn the BT01 Mic POW off.** Once paired, and with continued connections, the BT01 Mic will show "All Data Checking" for a few seconds up to 30 seconds before being paired with the D578UV radio.

BT01 Microphone Operation

(1) Channel/Frequency Selection
When the BT01 Mic is connected with D578UV radio, **the CH+ / CH- Top buttons default to Vol up/down.** A short press of the top [POW] button will toggle the top CH+/CH- button to a channel selection / frequency selection function. The two left and right top buttons are for channel selection when in channel mode, and for frequency programming when in freq. mode.
Notice: Entering the channel number (4 digits) or frequency with the keypad will also switch to the selected channel/frequency.

(2) Zone Selection
When the BT01 Mic is paired with the D578UV radio, pressing the Up/Dn buttons on the front panel of the BT01 Mic in channel mode will switch to a different zone. Please note there is a slight delay between the push of the up or down button and the actual change of the Zone

(3) Volume Adjust
In Standby mode, a short press of the top [POW] button will switch the top CH+/CH- buttons to become the Volume adjustment. The BT01 Mic **will show Vol / Ch in the display** to show this change has been done. Notice: If you believe that the volume set by the top two buttons is too high or too low, you can set the "RFBT01 Spk Gain" under the Menu/Bluetooth of the BT01 Mic to a level between 1 and 5 and make sure the radio volume is not set to 0 as then the BT01 speaker will be muted. You can also, via the Menu, select if you want only the BT01 Mic speaker, or both the BT01 speaker and the radio speaker to deliver the sound. If you select the radio speaker, then the radio volume controls are used to increase and decrease both the BT01 Mic and the radio volume (the BT01 Mic volume up/down still works for the BT01 speakers).

Function Operation
When the BT01 Mic is paired with the D578UV radio (via cable or Bluetooth), all of the D578UV functions can be operated from the BT01 Mic. Note: The front buttons P1 through P6 on the D578 radio do not function when the BT01 Mic is used. The D578 Display is also locked when the BT01 is connected. The volume controls must not be set at 0 to give the BT01 Mic its volumes any position except 0 is valid.

P1 to P3 Programming
The BT01 Mic has 3 programmable buttons below the PTT on the left side. The function of these needs to be programmed independently from the P1 P6 on the radio using the BT01 Mic Menu under Settings/Radio Set/Key Func. Due to Bluetooth communication, the result of pushing one of these 3 buttons may take up to 5 seconds to implement. Have patience.

Power Off

In Standby mode, press the top [POW] button for 5 seconds or until the display powers off.
When the BT01 Mic is paired with the D578UV radio, the BT01 Mic will automatically power off when the D578UV is powered off with its front power button. The D578UV can be returned to local operation by pushing the "EXIT" button on the radio, or by turning off the BT01 Mic.

Microphone Cable

The BT01 Mic is delivered with a 2 feet coiled cable. To use this cable, make sure you set the BT01 Mic during

power up to "UART PORT" before you connect the BT01 microphone to the D578UV radio with the cable. When the cable is in use, the D578UV radio will supply power to the BT01 microphone, and the battery inside the BT01 Mic will be charged from the radio. A standard CAT5 cable of longer length may be used if the power from the radio is desired for the BT01 Mic.

Battery Capacity

The built-in battery is a lithium type battery which may be sensitive to extreme cold temperatures. The battery typically will last for 12+ hours when the BT01 Mic is connected to the radio via Bluetooth and the display is on constantly. When connected with the cable to the radio, the battery is being charged from the radio.

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Documents / Resources

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