Manuals+ — User Manuals Simplified.

AEC BT501 Bluetooth Speaker and Alarm Clock User Manual

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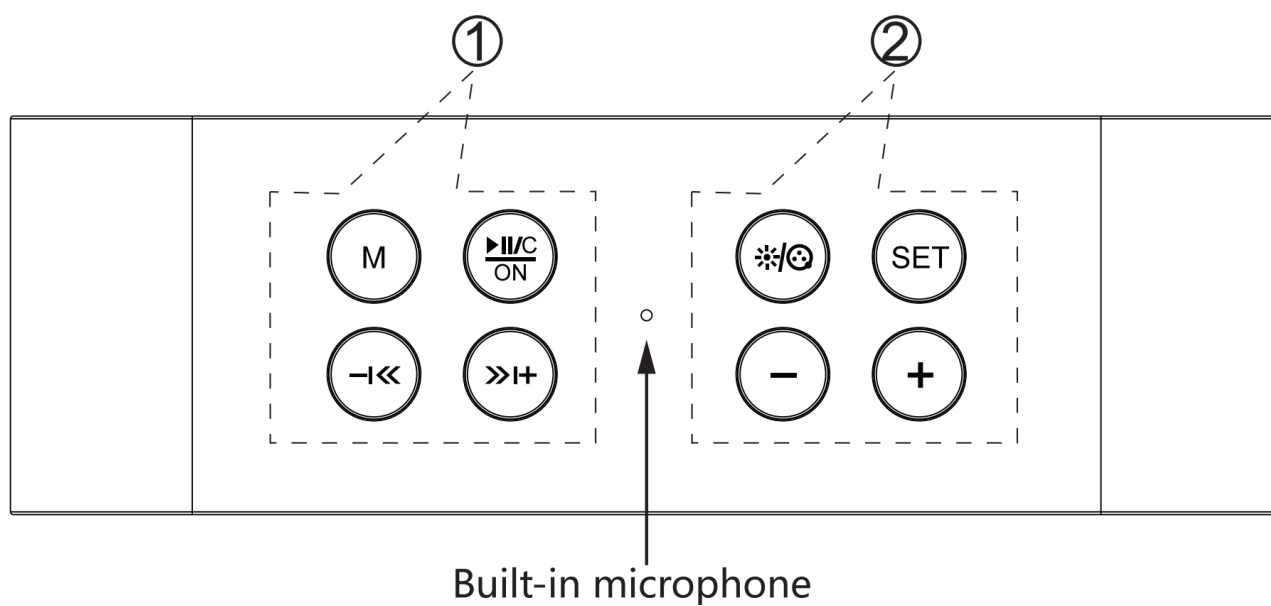

Contents [hide

Functions Description

Keys Function

Built-in microphone

Part 1: Speaker function keys

(M) **Mode Transfer Key:** Short Press Transfer to BT/TF/AU/Time Mode

(▶II/C ON) Turn ON/OFF, Play/Pause Music, Handsfree Calling

(⊣I≪) Volume-/Previous Song

(≫I⊢) Volume+/Next Song

Part 2: Alarm Clock Setting Keys

(☀/☾) Brightness Adjustment

(SET) Set or Cancel the Alarm.

(−) Time Numbers

(+) Time Number+

Functions Ports
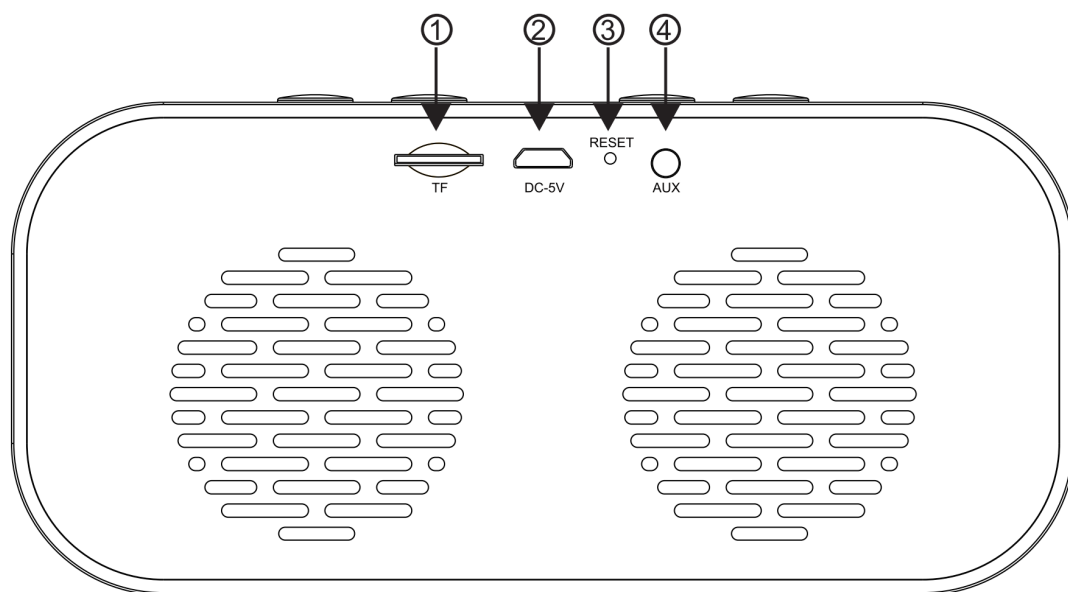
1. TF card slot
2. Charging port :Micro USB /DC5V
3. Reset & Charging indicator

   (TIP:Red light when charging, light off when charging is full)
4. 3.5mm AUX audio line-in port.

LED Display Area
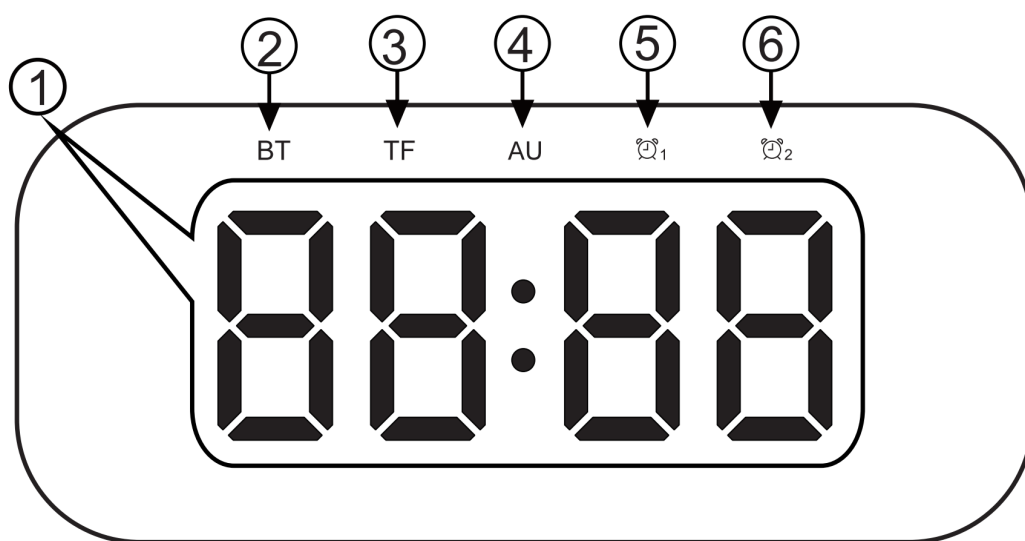
1. Time Display Area
2. **BT Mode Indicator:** Bluetooth working
3. **TF Mode Indicator:** TF card inserted
4. **AU Mode Indicator:** 3.5mm audio line-in
5. Alarm 1 Indicator
6. Alarm 2 Indicator

Device Operation

1. **How to turn on/off the device?**

Press (▶II/C ON) **key 2 seconds to turn on, Press** (▶II/C ON) **key 3 seconds to turn off.**

2. **How to set the time?**

   Connect the device to your cell phone Bluetooth, the device will automatically synchronize your cell phone time, no need to set it separately.

3. How to connect to cell phone Bluetooth?

   Press (M) key to switch to BT mode, when the device BT indicator is on, find "B501" in your phone Bluetooth, connect to BT501,the password is: 0000.

   If the BT indicator does not light up, press (▶II/C ON) key first, then press (M) key to switch to BT mode.

4. **How to adjust the speaker volume, switch songs and pause play?**

   Short press (⊣≪)(≫I⊦) key to adjust the speaker volume, Long pressed (⊣≪)(≫I⊦) key to switch songs,

   press (▶II/C ON) key to pause/play.

5. **How to answer the phone hands-free?**

   Press (▶II/C ON) key to answer hands-free, press (▶II/C ON) key to end the call, please keep the distance to the device within 24 inch when talking.

6. **How to charge the Bluetooth speaker clock?**
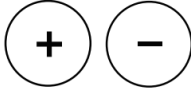
   The charging cable of the device is compatible with the normal USB-A power adapter. To ensure the device keeps working, please keep it plugged in for charging. The device's built-in battery has overcharge protection, and the device can work continuously for 5-10h with a full charged battery (Play Music).

7. **How to set alarm 1 and alarm 2 ?**

(SET) Press SET key ⇒ Alarm 1 Indicator is on ⇒ (SET) Press for 2S

00: 00 Alarm hour number flashing ⇒ (+)(−) Press +/- key to adjust hour number ⇒

07: 00 ⇒ (SET) Press SET key ⇒ 07: 00 Alarm minute time flashing

(+)(−) Press +/- key to adjust hour number ⇒ 07: 30 ⇒ (SET) Long press to save the settings

Press the (SET) key to switch to alarm 2, the setup steps for alarm 2 are the same as for alarm 1.

8. **When the alarm is ringing, what button turns it off?**

   Each alarm with snooze function, get 5 minutes extra sleep time per snooze, up to 3 snooze. When the alarm rings for the first time, press any key once to enter the snooze function. If you need to stop the alarm, please press any key three times to stop the alarm.

9. **How to cancel the alarm that has been set?**

   Press the (SET) key to switch alarm mode: Short press (SET) to switch 4 clock modes: $\bigcirc_1$ / $\bigcirc_2$ / $\bigcirc_1$ & $\bigcirc_2$ no alarm, Select no alarm mode $\bigcirc_1$ and $\bigcirc_2$ indicators are off).

10. **How to adjust the brightness of the display?**

    Short press (※/☾) key to adjust the brightness of the display, and press (※/☾) they button for 2 seconds to turn off the display.

11. **If the device system does not work properly, how to solve this problem?**

    Please use thimble to insert into the RESET hole and press the black button, the system program will restart.

12. **Is it possible to change the alarm ringtone to another song and can the volume of the alarm be adjusted?**

    Bluetooth speaker and alarm clock are 2 separate systems, the volume control key can only control the volume of the Bluetooth speaker, the ringtone and volume of the alarm cannot be changed, the volume reaches 100-107 decibels. the device is a loud alarm clock for heavy sleepers

Specifications

Technical Specification

Parameter	Specification
Bluetooth Version	Bluetooth 5.1
Bluetooth Profiles	A 2DP, AVRCP, HFP, HSP
Bluetooth Range	Over 10m (without obstacles)
Wireless Output	Class2, +4dBm (-6 ~+4dBm)
Wireless Spectrum	ISM band:2.402-2.480GHz

Battery

Parameter	Specification
Battery Type	#18650 Polymer l1th1um battery
Capacity	3 7v ▬▬ 2000mAh, 7 4wH
Battery Life	Cycle charge 300 times
Charge Current	500mA
Working Time	About 1 O hours calls&music (middle volume)
Charge Time	About 5 hours

Horn-speaker

Parameter	Specification
Speaker Size	Round shape,p45mm x1
Output	5 Wx1
Frequency Response	175Hz -20,000Hz
Sensitivity	84z3 db
Distortion	< 596 at 1KHz

MIC

MIC Parameter	Specification
MIC Direction	Omnidirection
MIC Sensitivity	-42z3dB
SPL	110db

Others

Speaker Parameter	Specification
AUX Port	3.5mm audio line-in
TF Slot	TF card
Sleep Current	< 1 mA
Speaker Consumption	5 W
Charge port	Micro USB, DCSV == 2A
Size product	140mm * 65mm * 44mm
Product weight	250g
Material	ABS

Trouble Shooting

FAQ	Solution
Fail to connected	1. If fail to find model name or connect with speaker, please make sure the speaker in pairing mode. 2. Please re-open the Bluetooth function on your mobile/computer if long time fail to connect. 3. Please close other Bluetooth devices to avoid searching problems. 4. Please enter "0000" (4 zeros) if password needed.
No sound when play music	1. Please adjust your phone if in minimum volume status 2. Please check the speaker if in pause status.
Speaker stuttering when playing music	1. Check if the range are exceed or there is an obstacle between the speaker and the connected devices. 2. Check phone if no enough storage, please restart your phone.
Can not turn ON	No power, please charge and then try again.
Can not charge, no red indicator	1. Battery is full ,please charge again after half hours working, red indicator will be on. 2. Charge cable is broken,change new one. 3. Re-open the speaker and try again.

FCC Warning

1. **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. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. 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 prov1de 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.

3. **FCC RF exposure statement:**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Caution

Radio Standards Specification RSS-Gen, issue 5

– **English:**
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the fоllоw1ng two conditions: This device may not cause interference. This device must accept any interference, including interference that may cause undesired operation of the device.
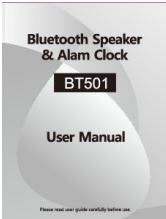
RF exposure statement:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.
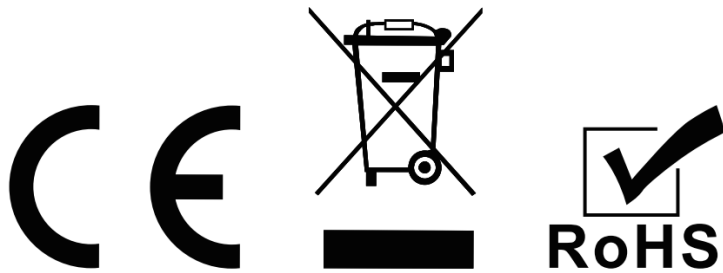
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