ZULU AUDIO

ALPHA SERIES

Instruction manual

SAFETY PRECAUTION to be read before any usage of the product
Never subject speaker to extremes of light, temperature, moisture or vibration.
• Batteries (Battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like
• Do not use or store this speaker in a location subject to:
a. Extreme high temperature, such as in a sun-heated car
b. Direct sunlight
c. High humidity or places with corrosive substances
d. Sub-zero condition, especially during winter.
• Never use alcohol, benzene, thinner, cleaning fluid or other chemicals. Don't use compressed air to remove dust.
• Clean only with a dry cloth. Be careful not to wipe it with anything abrasive.
• Don't block any of the ventilation openings, install according to the manufacturer's instructions.
• Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way.
• This device should be used in conditions which allow a sufficient ventilation;
• Do not cover with newspaper, table clothes, curtains or others,
• Keep minimum distances (recommended distance : 10 cm) around the apparatus for sufficient ventilation
• Do not place on or close from this device: flame or fire source, such as lighted candles, or others.
• The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus
• This apparatus includes a battery. Please comply to the local regulations for battery disposal.
The use of apparatus in moderate climate only
• Do not use this product in extreme weather conditions.

FCC INFORMATION
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 distance between the equipment and receiver.
• Connect the equipment to 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.
This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This equipment may not cause harmful interference.
2. This equipment must accept any interference received, including interference that may cause undesired operation.
Modifications not authorized by the manufacturer may void the user's authority to operate this device.

LIITHIUM- ION BATTERY WARNINGS
This device contains a Lithium-ion battery. The battery must be recycled or disposed of properly. Contact your local waste management office for information on battery recycling or disposal.
The battery of this device can only be replaced by qualified service personnel.
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

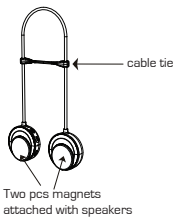
WARNING

Magnetic Field.
Can be harmful to individuals with pacemakers or similar implanted devices.
Keep away from credit cards, computer drives and recorded media.

Do not expose speaker to dripping or splashing while charging. Speaker should not be used in when raining or snowing. Submerging it in water or other liquids may result in permanent damage to speaker.

Specification
Bluetooth version: V4.1 Support:HSP / HFP / A2DP /AVRCP
Range Class 2, up to 16.4 ft (5m)
Frequency range：2402-2480MHz
Operating Temperature：-10℃~40℃
Power Input 5V 1A
Rechargeable Battery: 200mAh
Charging time: 2.5hours
Battery Life Approx.: up to 4 hours
Total Power Output 2Wx 2
Frequency Response :40Hz ~20kHz
Water Resistance Splash Resistant：IPX4
Product Weight: 75 g (approximately)
Product Dimensions：1.83"W x 0.75"T x 25.68"L

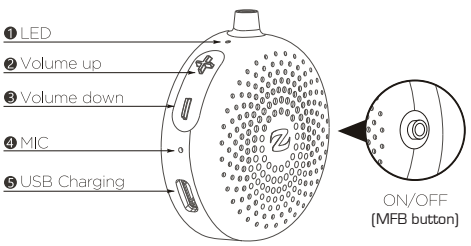
What is in the Box
Micro USB Charging Cable x 1
Carry Case x 1
Instruction Manual x 1
Wearable Speaker (with magnets) x 1
Extra magnet x 1
Cable Tie (on the speaker) x 1



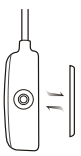
Carry case
Inside with
1pc extra magnet
Micro USB charging cable

How to wear your Speaker
1) Put the speakers on the shoulder and the wire of the speaker around your neck as below.

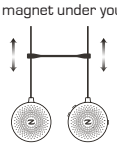
Know you speaker



2) Slide the magnet under the speaker, and place the magnet under your T-shirt then attach the speaker on your shirt. Note: Thickness of your T-shirt should not be over 5 mm.



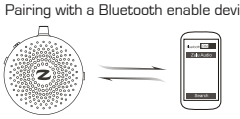
3) You can adjust the speaker to most comfortable position, by moving the cable clip up or down.
Note : Please make sure you remove the magnet under your shirt before you adjust the position of the speaker



Charging the speaker
1) Connect the small end of the micro USB charging cord into the battery recharge female connector of speaker.
2) Connect the other end of the micro USB cable to one of your computer USB port or any appropriate USB charger.
3) The Red LED will light up when charging.
4) LED turn in to blue when fully charged.
Note:
1.Make sure you fully charge your speaker for 2.5 hours before using it for the first time.
2. The Speaker will be automatically off when charging.

Switch On/Off
To switch on: When the speaker is OFF, press MFB button and hold for 2 seconds, blue LED stays on for 2 seconds.
To switch off: When the speaker is ON, press MFB button and hold for 5 seconds, red LED light stays on for 2 seconds.

Pairing with a Bluetooth enable device



First Time Pairing
1) When the speaker is off, press MFB button for 6 seconds till you hear second set of tones and the LED will flash Blue and Red alternatively.
2) Keep your speaker and devise within 3 feet of each other.
3) Turn on the Bluetooth function in you device and search "Zulu Audio" in the list then press connect
4) You will hear tone alert (Du tone) and LED light flashes Blue quickly after pairing connection succeeds.

Pairing with device which is paired before.
When the speaker is off, press MFB button for 2 second till you hear tone alert (du du du du), it will be connected automatically when the Bluetooth of the device is ON. If they didn't connect in 48 seconds, the speaker will enter paring mode, then follow above steps to connect the speaker to your device. (Pairing memory up to 8 devices)

To clear pair list, press the vol – and vol + buttons together for 2 seconds. After this operation, the speaker will power off and the pair list will be cleared.

The speaker will automatically turn off after disconnect for 2 minutes.

When you need to disconnect the speaker
1) Switch off the Bluetooth function on your device, the speaker's LED will flash blue slowly.
2) Switch off the speaker as mentioned above, the pairing memory will be stored. Next time

When you pair the speaker with same device, it will be connected automatically when you switch on the speaker and the Bluetooth function of the device

Music Playing
After Bluetooth connection succeed
Play/Pause
Press MFB button to play or pause music. To resume, press MFB button again

Track forward
Press and hold Vol + button for about 2 seconds.

Track backward
Press and hold Vol – button for about 2 seconds.

Volume up
Press the Vol + button once.

Volume down
Press the Vol – button once

Handsfree function
Answer call
To answer a call, press the MFB button once. Music will play again automatically when the call ends.

End call
Press the MFB button once to end the call.

Reject call
Press and hold the MFB button for about 2 seconds.

Redial last call
In music playing or standby mode, press the MFB button twice quickly

Mute /un-Mute
Press and hold vol – button for 2 seconds to mute/un-Mute during a call

Voice dial
In standby and music playing mode, press Vol – and Vol + together to activate voice dial function, then say the contact name you would like to dial.

2nd Incoming Call
To take the 2nd incoming call and end the 1st call, short-pressing the MFB button once.
To take the 2nd incoming call and hold the 1st call, press the MFB for 2 seconds.
To switch between to the 1st call and hold the 2nd call, press the MFB for 2 seconds.
To end the present call and switch to holding call, short-pressing the MFB button once.

Switch between speaker and your phone
During answering or making a phone call via the speaker, press and hold 'Vol +'for 2 seconds, the call will switch to your phone. To switch back, press and hold 'Vol +'for 2 seconds.

Battery display.
When the speaker is connected to an iOS device, the battery level of the speaker will be indicated on the iOS device's screen.
Low battery: The red light flashes 1 time per 2.5s for 20 seconds,and this status comes out every 130 seconds, endless loop

Instruction for pairing two mobile phones
1) Pair the first mobile phone (see the steps in 'Pairing with a Bluetooth enable device')
2) Then turn off the headset and reboot the device to the pairing mode。
3) Pair the second mobile phone with same steps. After pairing successes, the speaker is now paired to two mobile phones, you can play music on either one and answer phone calls from either mobile phone

LED indicator and Voices Alert

Function	LED indicator	Voice Alert
Power On	Blue LED light stays for 2 seconds	Du Du Du Du Tone
Power Off	Red LED light stays for 2 seconds	Du Du Du Du Tone
Charging	LED shows Red light	
Fully Charged	Blue LED light On	
Pairing mode	LED flashes Red and Blue alternately	Du DuTone
Connection Success	Blue LED light flashes quickly	DuTone
Answer Call	Blue LED light flashes once every 8 seconds	DuTone
Standby (connected and ready for music)	Blue LED light flashes twice every 5 seconds	

Trouble Shooting

Problem	What to Do
The Speaker is on, but it is not connecting to my device	Please switch off the speaker and the Bluetooth function of your device. Then follow the instruction in the "Pairing Section"
The speaker is connected to my device, but there is no sound	1. Please make sure that you turn up the volume of both speaker and your device. 2. Some smart phones/ laptops require you to setup the speaker as an audio output device before sound is transmitted, please check the instruction of your device. 3. If you are using a music player or other device, please make sure it supports A2DP stereo music profile
The sound is not very clear/ the caller cannot hear my voice	1. Keep your smartphone stay close to the speaker. 2. Adjust the volume on your phone and speaker. 3. Make sure there is no source of interference nearby. 4. Make sure the mic on speaker is not covered
Why the connection is not stable and cuts out	Please make sure there are no objects between the speaker and your device and make sure no radio or WIFI interference nearby
What is the range of speaker?	Wireless speaker have maximum range of 16.4feet(5M) The actual range will depend on usage and environment. Connection is usually good with 15-25 feet with no major obstacles between the devices
My speaker cannot be turn on	Please recharge it and make sure it has enough battery power.

Disclamier
Updates to hardware components are made regularly. Therefore some of the instruction, specifications and pictures in this documentation may differ slightly from your par ticular situation. All item described in this guide for illustration purposes only and may not apply to particular situation. No legal right or entitlements may be obtained from the description made in this manual.

Disposal
As such we urge you to follow the correct disposal procedure for the product, packaging materials and if applicable, accessories and batteries. This will help conserve natural resources and ensure that the materials are recycled in a manner that protects health and the environment.
You must follow laws and regulations about disposal. Waste electrical products and batteries must be disposed of separately from household waste when the product reaches the end of its life. Contact the store where you bought the product and your local authority to learn about disposal and recycling.
The batteries must be disposed of at your local recycling point. See the operating instructions to find out how to remove the batteries for disposal.
We apologise for any inconvenience caused by minor inconsistencies in the operating instructions, which may occur as a result of product improvement and development

The symbol means that the unit complies with European safety and electrical interference directives

certification information need to move away the magnet

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Allan Mark, LLC is under license.

Declaration of Conformity

The following product has been deemed to comply with the requirements of the listed European Directives: -

RED Directives (2014/53/EU)
Low Voltage Directive (2014/35/EU)
Electromagnetic Compatibility Directive (2014/30/EU)

Product Description: Bluetooth Speaker
Brand: Zulu Audio
Model numbers: Zulu Alpha 1201,Zulu Alpha 1202

The above listed product conforms to the following EU Standards:

EN 60950-1: 2016+A11:2009+A1:2010 +A12:2011+A2:2013
EN 301 489-1 V2.2.0: 2017-03 (draft)
EN 301 489-17 V3.2.0: 2017-03 (draft)
EN 300 328 V2.1.1
EN 62479: 2010

The person responsible for this declaration is:
Name: Jeff Arias
Position: Managing Partner
Signature: Jeffrey A. Arias

Date:Sep 11th,2017

Importer: Allan Mark LLC
7650 Girard Av. Suite 300, 3rd Floor, La Jolla, CA 92037, USA