King Kong 4
Multifunction Portable Speakers
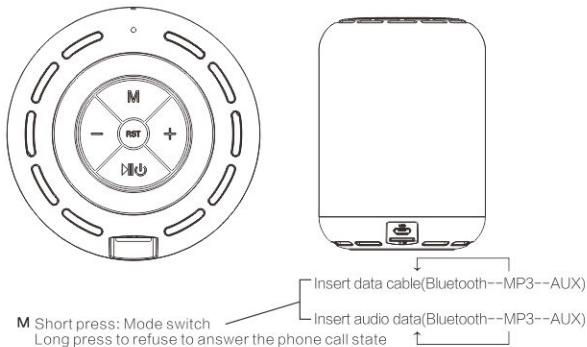
Appearance Patent NO.:201530343587.1

User Manual
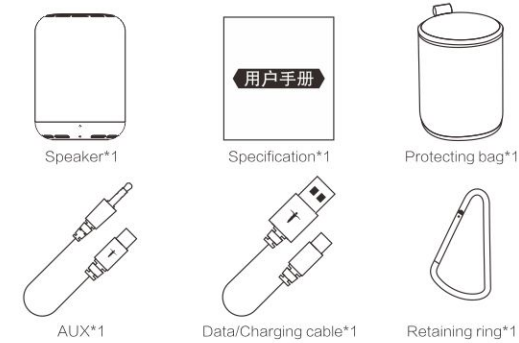
WeChat ID: Abramtek Technology
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To gain more products and activities information

Thank you for using our products. Before using Bluetooth speaker, please take a few minutes to familiar operation and illustration.

M Short press: Mode switch
Long press to refuse to answer the phone call state
Insert data cable(Bluetooth--MP3--AUX)
Insert audio data(Bluetooth--MP3--AUX)

Note: In TF mode, long press M button for next file

— Short press: Previous song, Long press：Volume down

▶❙❙◌ Short press: Play/Pause/Answer the phone/Hang up the phone, Long Press: ON/OFF

✛ Short press: Next song, Long press：Volume up

RST Reset: OFF
USB Audio input
Micro USB charging cable, Data transfer function
TF ▥ TF Slot
Communicate Mic
Blue Light: 1．Fast flashing indicates Bluetooth connect back or in pairing mode.
2．After t bluetooth connection, Blue light long on 5 seconds, and then continue to slow
Green Light: 1．Light stay on indicates AUX model/audio card model
2．light flash is TF card model
Red Light: the charging time will be bright, full will be off.

Packing Instruction

Speaker*1   Specification*1   Protecting bag*1

用户手册

AUX*1   Data/Charging cable*1   Retaining ring*1

Bluetooth function
Buttons Control
M Short press: switch mode,
long press: refuse to answer the phone call state
— Short press: previous song, long press：volume down
▶❙❙◌ Short press: play/pause, long press: OFF
✛ Short press: next song, long press：volume up

Bluetooth Connection
Turn on the speaker and enter the Bluetooth mode with voice prompt. The Bluetooth speakers of Abramtek are stereo Bluetooth solutions, so only the Bluetooth phones or Bluetooth adapters which support A2D function that can build the connection successfully.
First, make sure your mobile phone/IPD/computer and Bluetooth adapter supports A2DP function.Then, turn the power switch of the speaker to "ON", and make sure that there is enough battery power of the speaker. After turning on, the Bluetooth indicator light will be flashing and last for 10 minutes, at this moment, the speaker is waiting for connection, and only under this condition that the speaker can be connected.

Phone Connection
Step 1 Enter the Bluetooth settings and turn on Bluetooth.
Step 2 Click scanning and locate device.(Apple system omit this operation)
Step 3 If now there is "abramtek E200" showed on the phone, it means that the phone is located to the speaker, click and start pairing. If password is needed during pairing, please enter "0000".
Step 4 If successfully paired, the Bluetooth mark on the phone will change to other colors or turn into other shape, which means your phone have been connected to the speaker successfully.

Bluetooth Communication
Answer phone calls: under the condition of phone has been connected with speaker, when there is phone call, phones with Android or Symbian system only need to click the "▶❙❙◌" on the speaker to answer the call; while iPhones need to click the "Answer phone call" on the phone first, then choose the Bluetooth audio.
Hang up phone calls: when the call is finished, click the "▶❙❙◌" to hang up.
Reject phone calls: long press the "▶❙❙◌" to reject calls.

Computer Connection
If the computer is not with Bluetooth function, then you should install Bluetooth driver, and insert the adaptor then the Bluetooth can work.
Step 1 Click the Bluetooth mark at the bottom right corner of the computer, and choose "add device".
Step 2 Look "abramtek X6", and double click the "abramtek E200", and the driver will be installed automatically, then successful installation will be showed.
Step 3 Check if the connection is successful by playing the music in the computer. If you want to move previous or next, please use the media player that built in the computer to play music. Use Windows Media Player for Windows system and itunes for IOS system.

If Bluetooth don't play, it may be the following several situations.
1．The audio device of the computer didn't switched to Bluetooth mode.
2．Bluetooth speaker didn't connect to the computer.
3．volume of Bluetooth speaker is minimum.

Pairing and Connecting
Connecting mode: Boot into pairing mode. If no successful connection to Bluetooth speaker in 10 minutes, it need to turn off the speaker and then turn it on again.

Pairing: First, make sure that your mobile/laptop/computer and Bluetooth adapter support A2DP. Then, in ensuring that the Bluetooth speaker battery enough cases, long press "▶❙❙◌", hearing "Bluetooth mode" and "pairing", Bluetooth connectivity can be achieved. If voice prompt by modulation of minimum volume, you can't hear the voice prompt. After observing the blue indicator light every two seconds flashing once, Bluetooth can be connected.

Fail to Pair
1．Mobile phones support A2DP protocol, while computers support windows and Bluetooth driver that compatible with iPhone system.
2．Return on to connection again.
If the speaker Bluetooth cannot be recognized or cannot work normally caused by system updating of computer/mobile phone/iPad which is not compatible with the computer Bluetooth hardware, the Abramtek will not take any responsibility.

Fail to connect back: when the Bluetooth speakers shutdown to boot and Bluetooth of mobile phone or computer don't disconnect, this can not to connect back. After phone or computer disconnect and turn it on again, it can connect back.

Solutions of Failing to Locate the Bluetooth Speaker:
1．Make sure that the speaker is in pairing situation.
2．Make sure that your device is within the Bluetooth use range (up to 10M if no obstruction).
3．Check/restart and reset the Bluetooth pairing and connecting of the phone.
4．When the speaker is connecting with other device, other phone cannot connect to the speakers.
5．When the phone is connecting to other Bluetooth device, it cannot connect to the speaker at the same time. Please turn off the other Bluetooth device and turn on the speaker, and then wait for pairing.
6．Under the Bluetooth mode, if there is no connection in 10 minutes, the speaker will enter the sleep mode and it will not be searched and it will wake up by pressing any buttons.

TF Slot
Insert the TF card before turning on the speaker, and then press the "M" to switch to TF mode to play music.
Insert the TF card after turning on the speaker, and it will enter the TF mode automatically and start to play music, and the corresponding indicator light will be on.
M Short press: switch mode,long press: next file
— Short press: previous song, long press: volume down
▶❙❙◌ Short press: play/pause, long press: OFF
✛ Short press: next song, long press: volume up

Selection songs by files
Long press M button to select songs in different files and play order of music is copy files order.

Data transfer
In shutdown state, insert TF card into Bluetooth speaker that connect computer by Micro USB data cable, it can access TF card information through the computer

Fail to read TF card
Check whether it is in the TF mode.(Green light will flash slowly); If there is a music inside the card or music format to be read.

Format List

	Supported Format		Unsupported Format
MP3		Bit rate: 8kbps~320kbps Sampling rate: 8kHz~48kHz	
WMA		Bit rate: 5kbps~384kbps Sampling rate: 8kHz~48kHz	WMA lossless / WMA PRO
APE		Bit rate: Fast/Normal compression (800kbps~1000kbps) Sampling rate: 8kHz~48kHz	extra high / instane
FLAC		Bit rate: L0~L8 (1000kbps~1200kbps) Sampling rate: 8kHz~48kHz	
WAV	IMA-ADPCM	Bit rate: 32kbps~384kbps Sampling rate: 8kHz~48kHz	
	MS-ADPCM	Bit rate: 32kbps~384kbps Sampling rate: 8kHz~48kHz	
	PCM	Bit rate: 128kbps~1536kbps Sampling rate: 8kHz~48kHz	

Note: please use original TF card(no original card leads to damage, it will not enjoy free maintenance). Before using new card, format to download songs.

AUX Audio in
Enter the AUX has the following two methods, are associated with voice prompt.
Plug in the audio cable before turning on the product, after the speaker being on, press the "M" and switch to AUX mode.
Plug in the audio cable after turning on the product, and it will start the AUX mode automatically, and the corresponding indicator light will be on.
M switch mode
— volume down
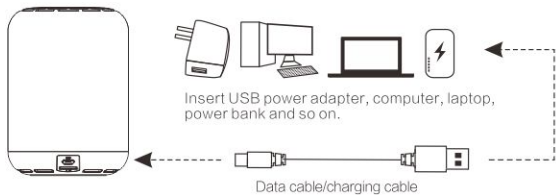▶❙❙◌ Short press: play/pause, long press: OFF
✛ volume up

Audio cable
Apply to all audio source with 3.5 mm audio jack.

Sound Card Mode
In Bluetooth starting state，connect data cable to computer and press M button to switch sound card mode, then it will play music. Charge and play music for a long time, it will lead to a large loss with battery.
Data cable and audio cable can not use at the same time.
Sound mode can only apply to Windows system.
M switch mode
— Short press: previous song, long press: volume down
▶❙❙◌ Short press: play/pause, long press: OFF
✛ Short press: next song, long press: volume up

Insert USB power adapter, computer, laptop, power bank and so on.

Data cable/charging cable

Charging Mode
Can charge the battery when power is on or off.
1．Can charge the battery through the USB cable to connect the computer。
2．Can be connected conform to the safety of USB power adapter(electric current>=600mA) to charge. Suggestions for 1 a power adapter.

When charging, red light indicator will appear on and when fully charged, it will appear off.Charging time：estimated 4 hours.

New or long-term without recharging battery may not reach the rated charge capacity, it need to charge a few times more.

After Bluetooth speaker battery run out, if the charge while using, it must be turned off charging can be used only half an hour.
Suggest charge full after electric charge while using.

If the power adapter output voltage is lower than 4.75v(national standard 4.75-5.25v), power off charge will be automatically switched on, it belongs to the normal phenomenon.

Voice Prompt Volume
Boot into the Bluetooth mode:
1．If prompt volume is larger, hearing waiting for matching voice and long press "–" button, then short press "M" button to switch other modes, that can hear volume size after adjustment.
2．If prompt volume is small or not to hear, long press "+"button and short press "M" button to switch other modes, that can hear volume size after adjustment.
Note: When adjusting the prompt, it must disconnect device connected to the Bluetooth speaker.

Automatic Power Saving Mode
In TF card mode and AUX mode, after short press "▶❙❙◌ "button, it will enter sleep mode in 3 minutes , automatic shut in 30 minutes and indicating light will be off.

Under Bluetooth mode, if there is no connection in 15 minutes, it will enter sleep mode, automatic shut in 30 minutes and indicating light will be off.
Under Bluetooth speaker into sleep mode, short any buttons to wake it up(except "RST"button)

Technical Patent

Low frequency tracking
Features real-time tracking volume compensation.
This simply means that when you reduce the volume, you can still experience a good resonating sound of a low frequency level.

Power amplifier cracking voice proof
Intelligent power amplifier system, which break the traditional power amplifier that operation principle is stable tone-up, intelligently adjusts tone-up, well controls the distortion.

Technical Data
Working voltage: 7.4V
Charging voltage: DC5V⎓600mA
Frequency response: 50Hz~18kHz
Speaker specification: 66mm 4Ω 8W

Battery capacity: 2200mAh
SNR :≥90dB
Distortion degree: ≤1%
Size: 109*78*78mm

Care and Concern
1．Please don't use it in the water.
2．Using in high temperature or extremely cold may affect the performance.
3．Please don't put it into fire.
4．Please don't block speaker mesh on the product.
5．Please charge in ventilated environment.
6．Products for man-made damage are not within the scope of the warranty.
7．Meet mesh into the water please dry the water before you play the music.
8．Please send after a failure and please don't tear open outfit.
9．This model can upgrade function, pay attention to illustration in official website.

Shenzhen Abramtek technology CO.,LTD to explain this all.

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.

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.

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