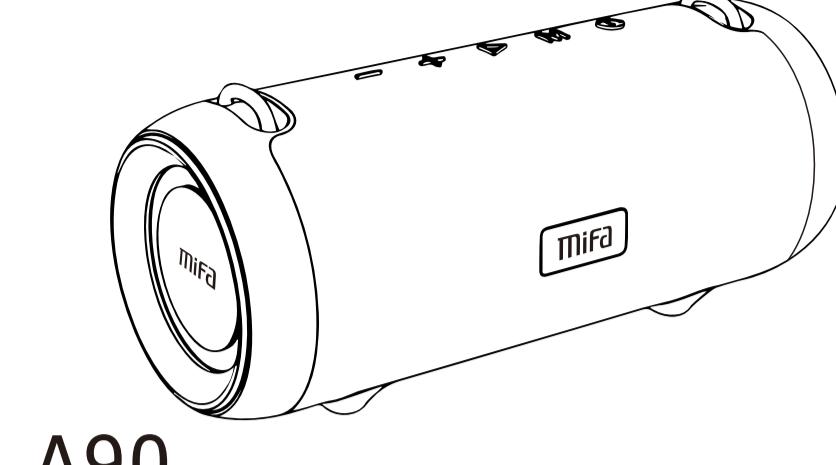




**MiFa** MIFA INNOVATIONS LLC  
www.mifa.net Designed in US Made in China

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**MiFa**



**A90** SPEAKER

USER MANUAL ▶

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.  
NOTE: 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. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction  
FCC ID: 2AOX-A90

## 01 Warning



- ◆ To ensure proper use and trouble-free operation, please carefully read this user manual first.
- ◆ For the first use, a full charge is recommended.
- ◆ Please use and store the product at room temperature.
- ◆ Do not throw and drop the product to avoid damages.
- ◆ Do not expose the product to fire, high temperature, direct sunlight, etc.
- ◆ Do not use organic solvents or other chemicals to clean the product.
- ◆ Do not allow small particles to get into the product.
- ◆ Please keep volumes of the speaker moderate to avoid temporary or permanent hearing impairment.
- ◆ Do not disassemble the product, or make any modifications to the structure or any parts of it.
- ◆ Keep the product out of children's reach.
- ◆ If the battery is not properly replaced, there will be an explosion accident, which can only be replaced with the same type of battery.
- ◆ Batteries (battery packs) can not be exposed to such conditions as sunshine, fire or similar overheating conditions.

## 02 Packing list



1 × Bluetooth Speaker



1 × User Manual



1 × USB Type-C Charging Cable



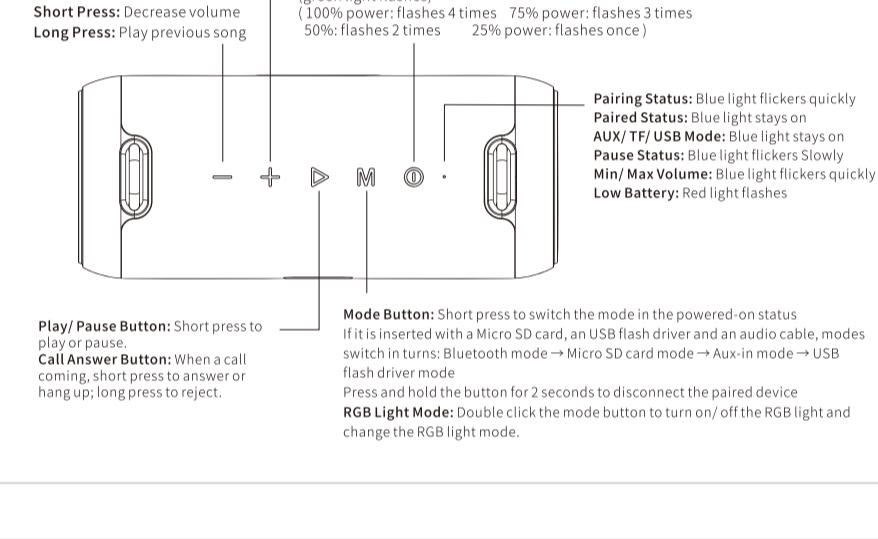
1 × 3.5 mm Audio Cable



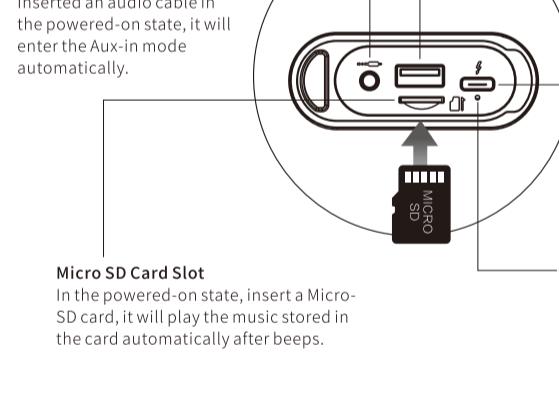
1 × Strap

English

## 03 Keys Functions



## 04 Ports Functions



**USB Flash Driver Port**  
Inserted an USB flash driver in the powered-on state, it will play the music stored in the driver automatically after beeps.

**USB Type-C Charging Port:**  
Use a DC 5V / 2A adaptor to charge the speaker

**Charging Indicator:** Red light will stay on when charging, turn off after finish charging.

English

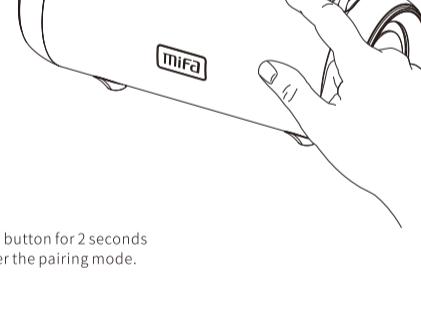
## 05 Bluetooth Connection

### 1. Turn on the speaker

Press and hold the power button for 2 seconds to turn on the speaker with a prompt sound. And the blue light flashes indicating it is in the pairing mode.

### 2. Connect it to your device

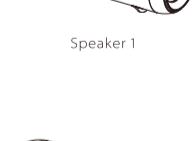
Turn on the Bluetooth of your device and select MiFa\_A90. Once the connection is completed, it will beep and the blue light will stay on. The speaker will connect to the last-connected device automatically once the device's Bluetooth is turned on.



### Other Instructions

To connect to another device, press and hold the **M** button for 2 seconds to disconnect the paired one and the speaker will enter the pairing mode.

## 06 True Wireless Stereo Function



Speaker 1



Speaker 2

English

### 1. Set up the TWS system

Turn on two speakers and make sure no device connects with either of them. Short press one speaker's "-" and "+" buttons simultaneously and there will be a beep sound to indicate pairing is taking place. Once pairing is complete, there will be another beep sound.

### 2. Pair two TWS speakers with a Bluetooth device

Select MiFa\_A90 in the Bluetooth settings menu of the Bluetooth device. There will be a sound indicating a successful connection and the blue light keeps on.

### 3. Stop the TWS

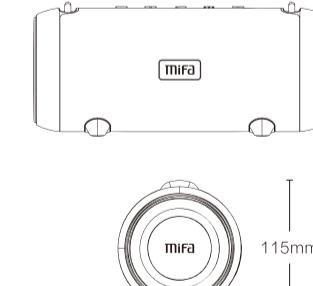
Short press either speaker's "-" and "+" buttons simultaneously to disconnect it with the other one.

### Tips:

1. For the first time of setting up the TWS system, the speaker which you press the "-" and "+" button will work as the main speaker and left channel, the other one work as the dependent speaker and right channel.
2. The true wireless stereo function supports only 2 speakers.
3. After the first connection, the main speaker will keep working as the main speaker and the dependent one will keep working as the dependent one in the future connection. And they will connect with each other automatically once they power on.
4. After setting up the TWS system, the dependent speaker's blue light stays on and the main one's blue light indicates your operation.
5. After the TWS system is set up successfully, you just need to operate either speaker. The other one will do the same operation simultaneously.

## 07 Specifications

Basic Parameters	
Speaker Type	Portable Bluetooth Speaker
Supported Storage	Up to 32 GB Micro SD Card
Power Supply	Built-in 8000 mAh Lithium Battery
Audio Input	DC 5V / 2A USB Adapter
Technical Parameters	Bluetooth, Micro SD Card, 3.5mm Aux-in
Loudspeaker	Dual 66mm Speakers + Dual 78mm Low Frequency Amplifiers
Frequency	60Hz ~ 18kHz
Bluetooth Version	Bluetooth 5.0
USB Standard	USB 2.0 (Compatible with USB1.1)
Supported Media Type	APE/FLAC/WAV/WMA/MP3
Bit Rate	MP3: 8Kbps-320Kbps WMA: 32Kbps-384Kbps WAV: 32Kbps-1414Kbps APE: 100Kbps-1200Kbps FLAC: 100Kbps-1200Kbps



Size: 250\*106\*115 mm

Weight: 1155g (including the built-in Lithium battery)

## 08 Trouble Shooting

English

FAQ	Solutions
Not able to connect to your device	1. Restart the speaker and try again 2. If your device requires a Pin Code, please enter 0000
Keeps cutting out when playing	Please ensure the speaker is within the operating range and there are no obstacles between the speaker and the device
Not able to play the music in Micro SD card	1. Please ensure the format of the Micro SD card is FAT32. It only supports FAT32 Micro SD card 2. Please ensure the formats of the music files are APE, FLAC, WAV, WMA or MP3
No sound when playing	1. Please adjust the volume of the speaker 2. Please adjust the volume of your device 3. Please check if the speaker is paused
No sound in AUX-in mode	Please ensure the audio cable is connected well
Not able to turn on	Please try to charge the speaker for about 3 hours
Not respond to any operation	Press and hold the power button for 8 seconds to reset the speaker.

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