

xdobo

Wing 2020 II



— MANUAL —

Warning Statement

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.

1 / Warning

* There may be noise when playing some songs with strong bass when the battery is low. This is normal phenomenon. Please ensure that the XDOBO Wing 2020 II has enough power to maintain performance.

* Longly use the machine with high volume may cause damage to your hearing.

* XDOBO Wing 2020 II built-in lithium battery, don't use any kind of fast charger exceeding 5V/1A, such as PD fast charger, mobile phone fast charger, Qualcomm fast charger, gallium nitride fast charger etc. The voltage of these chargers can't be recognized and compatible with the motherboard.

* Do not expose to sunlight/fire or similar overheating environment.

2 / What is TWS

TWS means true wireless stereo. Let's say two Bluetooth speakers are able to be paired and playing music synchronously.

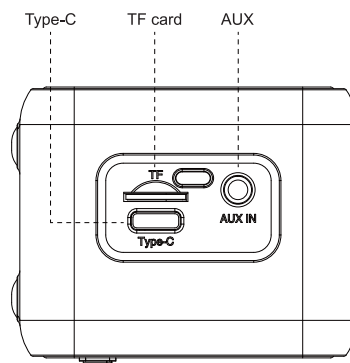
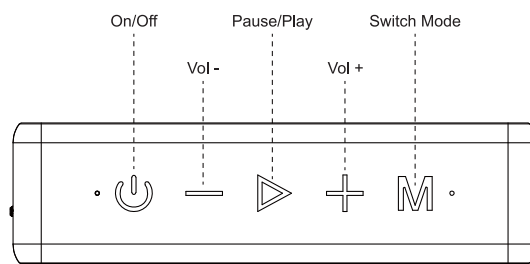
How to pair your device?

- 1: Please make sure these two speakers to be paired disconnect from your Bluetooth device before you turn them on. Then please turn on two speakers.
- 2: Select one of the speakers and long press  2s to enter TWS pairing mode.
- 3: After pairing is successful, the blue light on the host speaker will stay on and there will be a prompt sound.
- 4: Turn on the Bluetooth function of the Bluetooth device (mobile phone) at this time, find "XDOBO Wing 2020 II" on your device, select it and connect.
- 5: In TWS mode, long press  2s to disconnect TWS.

3 / Key Function

Key	Operation	Instruction
	Long press	Long press 2s to turn on/off
	Short press	Vol -
	Long press	Previous track
	Short press	1. Short press to pause/play music 2. Short press to answer/hang up a call 3. Double-click to redial
	Long press	1. Long press 2s to disconnect Bluetooth 2. Long press 2s to reject incoming calls 3. Long press 6s to force shutdown
	Short press	Vol +
	Long press	Next track
	Short press	Switch mode (Bluetooth/TF card/AUX)
	Long press	1. Long press 2s to enter/exit TWS 2. Long press 6s to restore to factory settings and shut down

4 / Overview



5 / LED Indication

Status	Light	
 Bluetooth pairing	Blue light	Flash
 Bluetooth connected	Blue light	On
 Power on status	Blue light	Flash
 Charging	Red light	On
 Full charge	Red light	Off
 TWS mode	Blue light	Flash
 TWS connected	Blue light	On

6 / Bluetooth Connection

Turn on the speaker and the blue light will flash.

Find the "XDOBO Wing 2020 II" Bluetooth name on your device, select it and connect.

7 / Specifications

- Frequency Response : 80Hz—20KHz
- Signal-to-noise Ratio : ≥80dB
- Charging Time : About 4 hours
- Input Power : Type-C 5V/1A
- Playing Time : About 13 hours
(varies by volume level and audio content)
- Unit size(L*W*H) : 186*50*62(mm)
- Unit weight : About 500g(not include accessories)

8 / Performance Optimization

* The usage time of speaker will vary depending on the volume and songs.

* Playing loudest or deep bass songs will speed up battery consumption.

* When the XDOBO Wing 2020 II is adjusted to the maximum sound, it will protect the speaker components, including the optimization of battery durability and play time. That is, in order to play longer and reduce battery consumption, the balance of the tone will be adjusted appropriately, including the adjustment of the bass, treble and vocal parts. Therefore, there is a difference in the level of deep bass between loudest and medium volumes.

* XDOBO recommends that the Wing 2020 II be adjusted to a medium volume for listening, this will maintain the best sound and battery performance.



Electroacoustic Laboratory

Tips

After 18 years of audio technology accumulation and development in xdoobo, based on the theoretical power of the speaker, XDOBO Electroacoustic Laboratory enhances the actual power effect of the entire speaker unit by optimizing the sound structure, such as designing a cavity structure that is more in line with acoustic principles, creating more effective amplification resonance channels, reducing sound transmission losses, optimizing circuit structures, such as reducing internal resistance and increasing the power of the driving circuit.

In short, the power of the XDOBO speaker is not only equal to the volume and sound performance reflected by the physical hardware power, but also integrates the overall system acoustics and physics principles of software engineering, speaker cavity, material structure, power amplifier drive, battery efficiency, speaker tuning, etc., driving the performance of the entire speaker unit to significantly improve, achieving the ideal design power of XDOBO laboratory * W.

XDOBO Wing 2020 II Basic Physical Hardware Power: 16W

XDOBO Wing 2020 II support power: 20W