Superlux®

HDB581

Closed supra-aural
Wireless Headphones
貼耳式無線耳機

HDB581 is equipped with 39mm driver with wide and balanced frequency response to produce great sound field. HDB581 owns the incredibly comfortable wearing with upgraded earpad material and more fit headband.

Thanks to the high durability and comfort, HDB581 is suitable for personal entertainment, professional monitoring and other occasions.

HDB581

Closed supra-aural Wireless Headphones

- Equipped with tailored Ø39 mm headphone driver for high definition and full-range frequency response in every using environment.
- Premium earpad material for high durability and comfort.
- Unique structure design to achieve ultimate comfort even when long-time wearing.

Specifications

Type: Dynamic, supra-aural

Driver: Ø39 mm, neodymium

Sensitivity: 102 dB SPL (1mW) at 1KHz

Frequency Response: 20 - 20,000 Hz

Rated Impedance: 70Ω (copper-coated aluminum wire)

Cable: 0.5 meter

Operating Distance: 10m (free space)

Battery: Music playtime: up to 23 hrs / Charging time: around 3.5 hrs

Security Precautions

1. To avoid long time exposure to high volume, leading to noise-induced hearing damage.
2. Should use caution or temporarily discontinue use in potentially hazardous situations.
3. Should adjust reasonable volume and time when listening to music.
4. Be careful not to turn the volume too high, as you do not hear anything around you.
5. Do not recommend using a headset while driving.
6. Driving on the way or in a potential dangerous environment, please avoid using deadest to listen to the music, make or receive calls, in order to avoid dispersion attention.
7. Should avoid continuing to increase the headset volume, as your hearing need adaptation.
8. Keep this product and its accessories out of the reach of children, in order to avoid inappropriate use by children which may pose a fatal danger.
9. Should avoid immerse in water during grooming, which may cause damage to the sound quality or the headset.
10. Stop using deadest if feel significant discomfort, irritation or other adverse reactions.
11. The deadest should not be stored or use at temperatures below -15°C (5°F) or above 55°C (131°F) it may shorten battery life.

Unpacking

Carefully unpack the carton and confirm that the following parts are included:

If any part of the product is damaged, do not use it. Contact your authorized Superlux dealer immediately or Superlux customer service.

Powering on/off

- Keep press the ⏻ for around 2 seconds, red light remains bright, the headset enters to pairing mode.
- Keep press the ⏻ for around 3 seconds, red light switch off.

Charging

1. Before charging, make sure the headset has been switched off.
2. Plug USB cable into the charging jack of headset; plug other side of USB charging cable into the USB charger or other charging device. Charging will start and the red light remains bright on the headset.
3. The headset takes approximately 3.5 hours for fully charged, blue light remains bright or red light switch off after charging completed.

Checking the battery

1. While the headphones are in use, the battery indicator blinks red and with sound prompt when the battery needs charging.

2. If you are connected to an Apple device, the device displays the headphone battery charge level near the upper right corner of the screen.

CARE AND MAINTENANCE

Storing

- Turn off the headphones when not in use.
- Before storing the headphones for more than a few months, fully charge the battery.
- Place the headphones in the carry case for storage.

Cleaning the headphones

To clean the headphones, use a soft damp cloth.
Note: Do Not use solvent-containing cleansers!

Indicator

Indicator activity	System state
Blinking blue/red	Ready to pair
Blinking blue	Connected
Blinking Red	Need to charge
Brightt Red	Charging
Brightt Blue	Charging completed

Audio tone	Action
Four notes (ascending)	Power on
Four notes (descending)	Power off
Short double beep	Into pairing
Two notes (ascending)	Answer a call
Two notes (descending)	End a call
Long double beep (low sound)	Clearing the system's connection
Two notes (descending), Twice	Low battery
Single beep (High sound)	Device connected
Single beep (Low Sound)	Device disconnected

To pair your headset with your mobile phone

1. Keep distance of the headset and mobile phone within 1 meter, the closer, the better.

2. Switch on the head set, ensure the headset entered to pairing mode, the LED indicator light blinking blue/red.
   When turning on, press "+" and "-" botton for around 3.5 seconds then go to pairing mode directly.

3. Switch on BT search function in your mobile phone or other device needs to be connected, the mobile phone will display the model HDB581.

4. Select model HDB581 (some mobile phone need to enter the password "0000" or "1111" to pair the headset), your headset will automatically connect with your mobile phone, blue light blinks.

IMPORTANT: Generally, pairing time of headset has limited to 150 seconds, if the blue light has been off or blinks, means headset pairing mode has stopped. If pairing remains unsuccessful, please retry step 1 to 4 again.

Reconnect the paired headset with the mobile phone.

1. Keep distance of the headset and mobile phone within 1 meter.

2. Keep press the ⏯ until the blue light blinks, the headset will automatically reconnect with your mobile phone.

Clearing the system's connection

1. Press and hold ✕ and / up 5 seconds. Until hear Long double beep (low sound).

HEADPHONE CONTROLS

Multi-function button

Volume Down

Volume Up

Power

USB connector
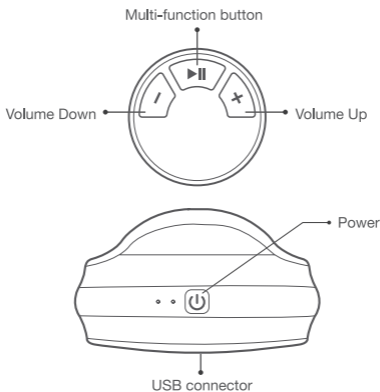
Media playback and volume functions

Function	What to do
Play/Pause	Press ▶❚❚
Skip Forward	Keep press "+" around 2 seconds.
Skip Backward	Keep press "-" around 2 seconds.
Volume Up	press " +"
Volume Down	press " -"

Media playback and volume functions

Function	What to do
Answer a call	Press ▶❚❚
End a call	Press ▶❚❚
1.Last call redialing	Keep Press ▶❚❚
2.Decline an incoming call	
3.Pick up inter-cut phone calls and Hang up the phone calls. (The must be inter-cut function built in your phone).	
4.When calling, switch between headphone and speakerphone.	
5.Automatically connect to the previous hands-free device. (The hands-free/ headset device should be under connecting mode)	
Active voice control	Double press ▶❚❚

TROUBLESHOOTING

Problem	What to do
Headphones don't turn on	• Power on the headphones. • Charge the battery
Headphones don't pair with device	• On your device: – Turn the BT feature on and then off. – Delete your HDB581 headphones from the list on your device. Pair again. • Move your device closer to the headphones and away from any interference or obstructions.
No sound	• Power on the headphones and charge the battery. • Increase the volume on your headphones and device. • Move your device closer to the headphones and away from any interference or obstructions. • Use a different music source. • Pair a different device.
Problem	What to do

Poor sound quality	• Use a different music source.
	• Pair a different device.
	• Move the device closer to the headphones, and away from any interference or obstructions.
	• Clear any debris or wax buildup from the earbuds and headphone nozzles
Headphones don't charge	• Make sure the connector on the cable is correctly aligned with the connector on the headphones.
	• Secure both ends of the USB cable.
	• If your headphones have been exposed to high or low temperatures, let the headphones return to room temperature and then try charging again

HDB581擁有不可思議的舒適性, HDB581使用39 mm驅動單元,擁有寬廣均衡的頻率響應,可產生優秀的空間感.

HDB581採用升級耳墊材質,頭弓也更加服貼,兼具較高的耐用性和良好的舒適性兩大特點,可應用於個人娛樂、專業監聽等諸多場合。

貼耳式無線耳機

· 採用 ∅ 39mm單體, 在各種使用環境都具備高解析度呈現全音域音色
· 升級耳墊材質,實現高耐用及舒適性
· 獨特結構設計,長時間配戴使用依然舒適

技術規格

聲學結構：貼耳式

驅動單元：∅39 mm, 釹鐵

靈敏度：102 dB SPL (1mW) at 1KHz

頻率響：20 - 20,000 Hz

額定阻抗：70Ω (銅包鋁線)

工作範圍：10米 (無障礙環境下)

電源輸入： DC 5V/200mA

電量： 音樂播放時間: 約23小時 / 充電時間: 約3.5小時

注意事項：

1. 應盡量避免長期暴露在過高音量下，以導致噪音引起的聽力受損。

2. 如所在環境有潛在危險，請暫停使用耳機，以確保安全。

3. 應合理控制聆聽耳機時的音量和時間。

4. 不應把音量調得太高，導致您聽不到四周的聲音。如果出現耳鳴或將音量調得太高，請將音量調低。

5. 不建議在駕駛時使用耳機。

6. 在駕駛途中或有潛在危險的環境中，請避免用耳機聆聽音樂，撥打或接聽電話，以免分散注意力。

7. 聽覺在適應音量時，應避免持續調高耳機音量。

8. 應將耳機放置於兒童無法接觸的地方，避免兒童不當使用，造成致命危險。

9. 在梳洗時應避免耳機進水，以免導致耳機損害音質或耳機。

10. 如果使用耳機感覺明顯不適，有刺激感或其他不良反應，應立即停止使用。

11. 不應將耳機儲存或使用于溫度低于 -15°C (5°F) 或高于 55°C(131°F)的環境，否則或會縮短耳機或電池壽命。

開箱

小心地拆開包裝箱並確認是否含有以下部件：

如果產品部分損壞，請勿使用。請立即連絡 Superlux 授權經銷商或 Superlux 客戶服務處。

維護與保養

存儲

· 在不使用時關閉耳機。

· 若數月不使用耳機，放置前將電池充滿電。

· 將耳機存放在攜帶型包裝袋中。

打開/關閉電源

- **開啟無線接收裝置：**按住電源按鍵 ⏻ 約2秒，直到指示燈亮紅燈放開即可

- **關閉無線接收裝置：**按住電源按鍵 ⏻ 約3秒，直到指示燈亮紅燈後熄滅即可。

充電方式

1. 充電前，請先關閉接收器。

2. 將充電線插入USB 充電孔，另外一端插入充電器裝置。

3. 耳機充電需要約3.5小時，充電完成後藍燈亮起或是紅燈熄滅。

檢查電池

1. 當正在使用耳機時，若電池需要充電，電池指示燈會閃爍紅色並且發出提示音。

2. 若將耳機連接至一台Apple 裝置，裝置會在螢幕的右上角顯示耳機電池電量。

指示燈

指示燈活動	系統狀態
閃爍的紅藍燈	準備配對
閃爍的藍燈	已連接
閃爍的紅燈	需要充電
亮紅燈	充電中
亮藍燈	充電完畢

指示音

提示音活動	系統狀態
4個上升音	開機
4個下降音	關機
2個短音	進入配對模式
2個上升音	接電話
2個下降音	拒接電話
2個長低音	清除已配對設備
2個下降音，連續2次	電池低電量提示，需充電
1個短高音	已連接立體聲裝置
1個短低音	已斷開立體聲裝置

重新連接以配對的耳機

1. 請將耳機和手機 (或其他用作連接的裝置) 的距離控制在1米範圍內，越近越好。

2. 長按 "多功能鍵 ▶ǁ " 至藍燈閃爍，耳機會自動與手機重新連接

清除已配對設備列表

同時長按 + 與 / 5秒以上，聽到2個長低音提示音即可。

耳機狀控制項

多功能按鈕

減少音量按鈕 ●━━ 增加音量按鈕

電源按鈕

USB充電插口
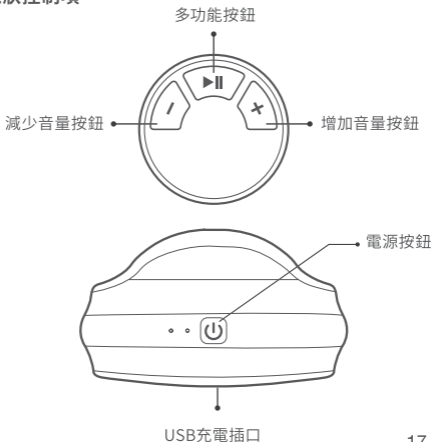
媒體播放和音量功能

功能	措施
撥放 / 暫停	按 ▶Ⅱ
增加音量	短按 **+**
減少音量	短按 **-**
跳至下一曲	長按 **+** 約2秒
跳至上一曲	長按 **-** 約2秒

電話功能

功能	措施
1.接電話 2.掛斷電話 3.接聽插撥電話，保留通話中電話 (電話需有插撥功能)	短按 ▶Ⅱ
1. 撥打上一次撥出的電話號碼 　(當已連接上免持裝置) 2. 來電時，拒接來電 3. 接聽插撥電話，掛斷通話中電話 　(電話需有插撥功能) 4. 當通話中，在耳機與手機擴音之間切換 　通話 5. 回連上一次的免持裝置 　(當免持或頭戴式設備處於可連結狀態)	長按 ▶Ⅱ
啟動語音撥號 (當已連接上免持設備)	連按2次 ▶Ⅱ

疑難排解

問題	措施
耳機未 打開	· 打開耳機電源 · 給電池充電
耳機未與 裝置配對	· 在您已啟用的裝置上： 　-打開BT功能再關閉 　– 從裝置的清單中刪除您的 HDB581耳 　機。再次配對 · 將裝置靠近耳機，遠離其他干擾或障礙物
沒有聲音	· 打開耳機電源，然後為電池充電 · 提高耳機和裝置的音量 · 按電源按鈕，收聽已連接的裝置。確保您 　使用的是正確的裝置 · 將裝置靠近耳機，遠離其他干擾或障礙物 · 使用不同的音樂來源 · 配對另一個裝置
音質差	· 使用不同的音樂來源 · 配對另一個裝置 · 將裝置靠近耳機，遠離其他干擾或障礙物 · 清除耳機和耳機出音孔上的碎屑和耳垢
耳機無法 充電	· 確保線的連接器與連接器正確對齊。 · 固定USB線的兩端 · 如果您的耳機曾被暴露在高溫或低溫環 　境中，等待耳機恢復室溫，然後再次充電

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