

# GO blu Air User Manual\_Ver1.0.0



## ***GO blu Air***

### User Manual

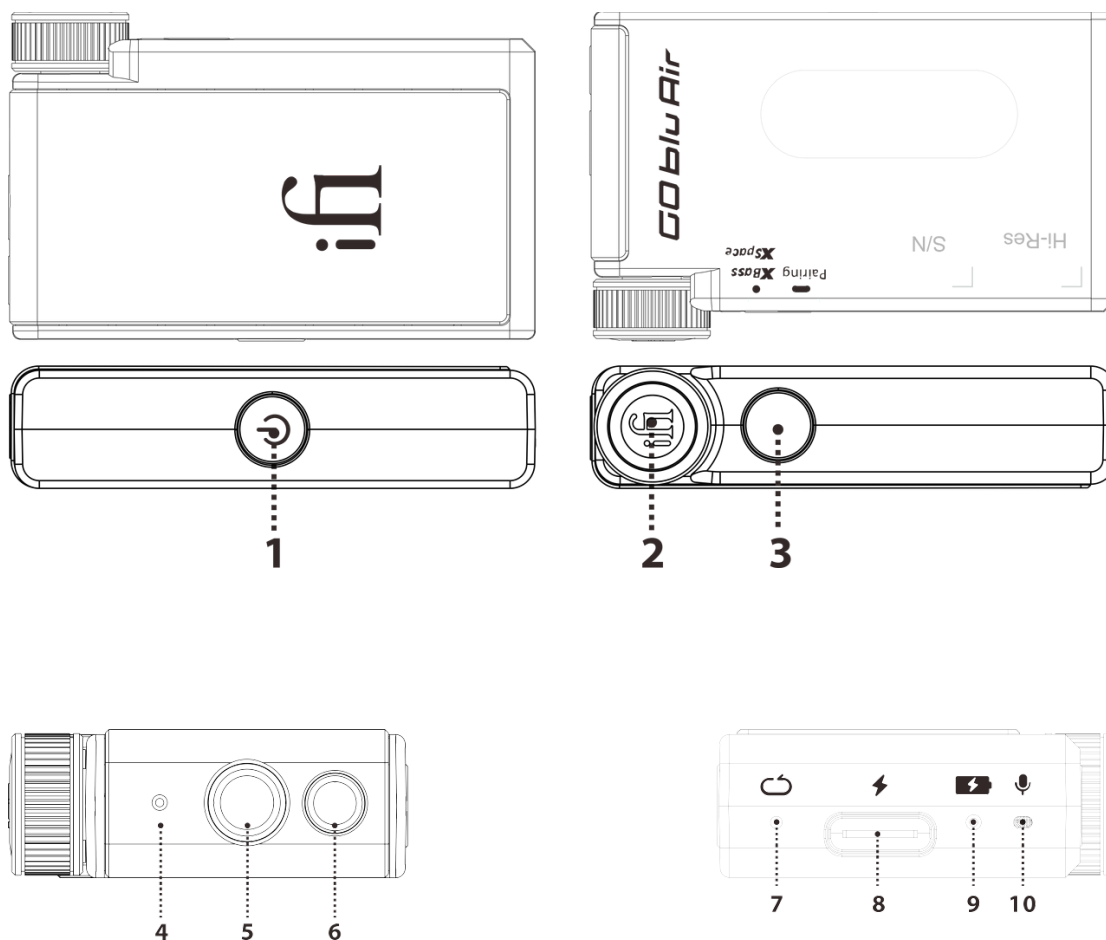
**Thank you for purchasing the Travel from the GO series.** The **GO blu Air** is a Mobile Hi-Res Bluetooth Headphone Amp.

Take your wired headphones further with the GO blu Air. Built for everyday life, the GO blu Air is a simple, compact Bluetooth DAC that's always ready for your playlist. Its magnetic clip attaches securely to a bag or jacket, and the high-quality mic keeps calls clear.

Inside, we've done the heavy lifting – so taking headphones with you is an easy choice. Optimised Bluetooth, DAC, and amp stages work together to deliver powerful, balanced sound with no compromise, driving everything from IEMs to full-size headphones with authority.

## FEATURES:

- Connect wirelessly to phones, tablets, and computers with 24/96kHz Bluetooth
- Individually optimised Bluetooth, DAC, and amp stages for Hi-Fi performance
- Powerful amp delivers heavenly headphone sound on the go
- Cirrus Logic MasterHIFI DAC for dynamic sound with minimal battery drain
- XBass and XSpace – tune the bass and soundstage to your liking
- Symmetrical twin-mono amp with balanced 4.4mm output
- S-Balanced 3.5mm output halves distortion for single-ended headphones
- Snap-on magnetic clip - attach to your bag, strap, or jacket
- Built-in mic for hands-free calls on the move



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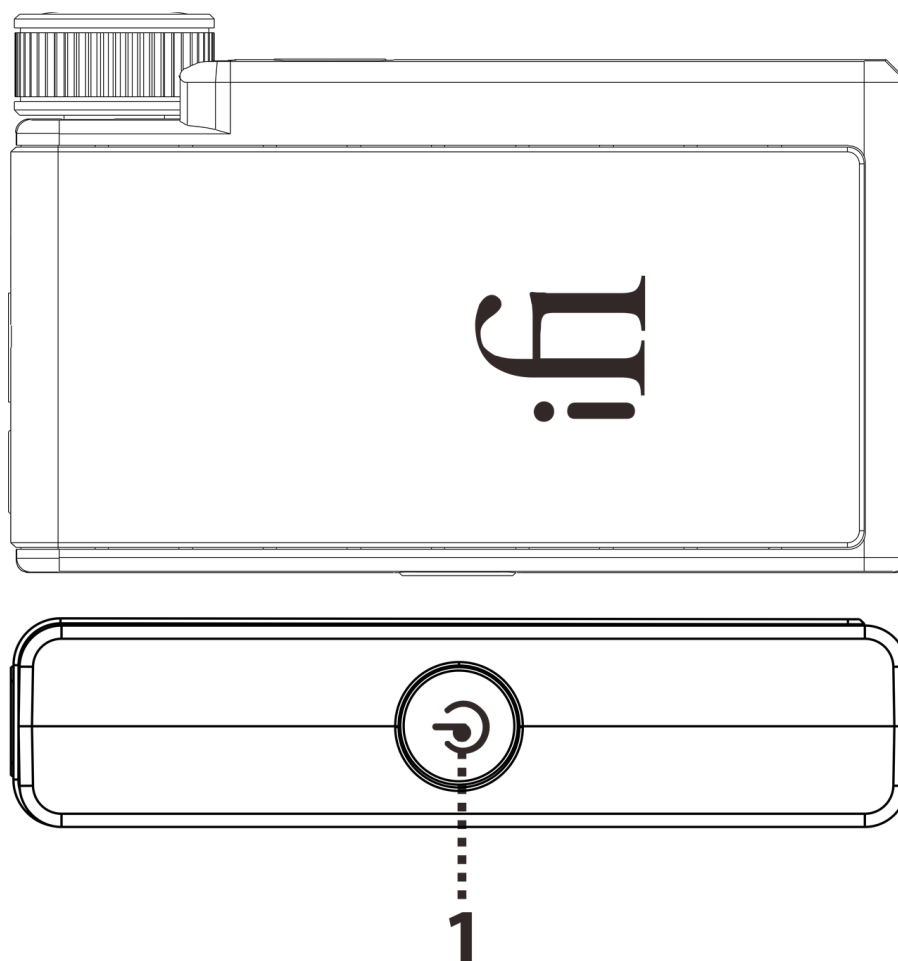
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Set up your Bluetooth connection using our iFi-Nexis APP

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#### SPECIFICATIONS:



## 1. Multi-function buttons

- Power ON/OFF
- Bluetooth format annunciation
- Voice Prompt ON/OFF
- Digital filter mode

### I) Power ON/OFF

Long press and hold the power switch for  $\geq 3s$  to power on/off the GO blu Air.

## II) Bluetooth format annunciation

Press the power switch twice and the voice will announce the Bluetooth format you are currently receiving.

## III) Voice Prompt ON/OFF

In the shutdown state, first press the Bluetooth pairing key (3) without releasing it, and then press the power (1) key to turn it on.

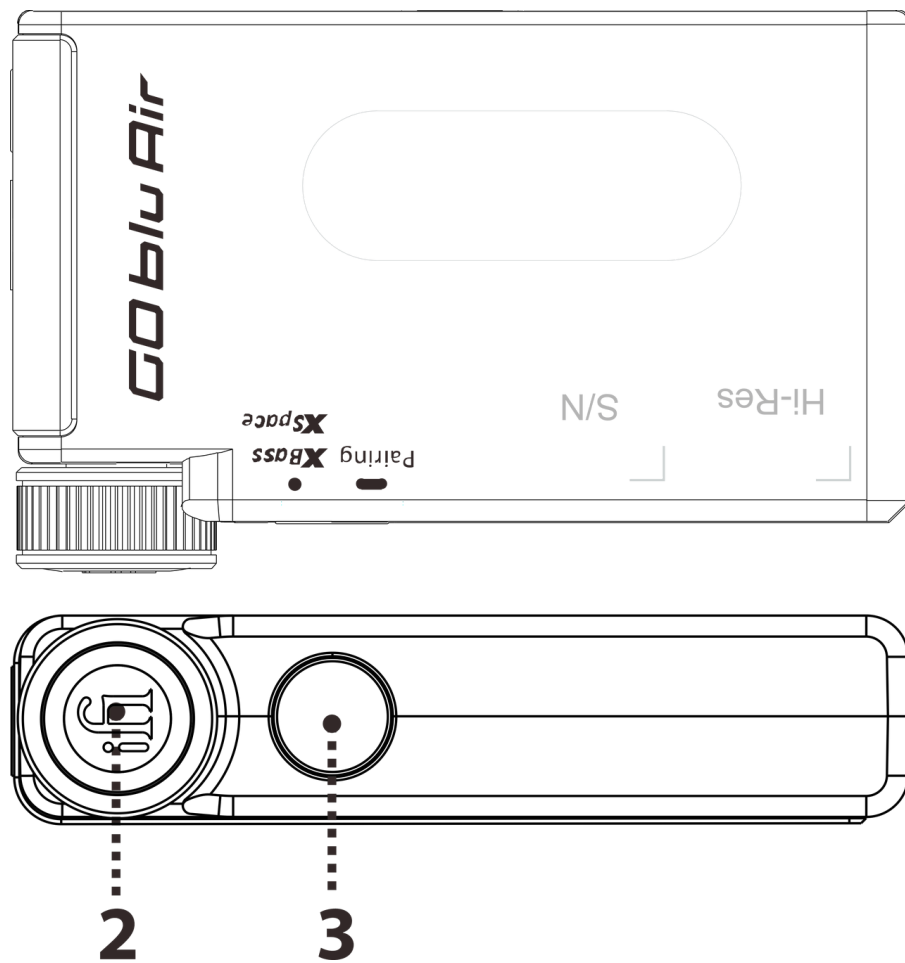
The operation method of turning off and turning on voice annunciation is the same. It is on by default.

*Note: After turning off the voice annunciation, the current Bluetooth format and sampling frequency will no longer be announced.*

## VI) Digital filter mode

To enter/exit filter selection mode, short-press button (1) three times, a beep will sound, then press button (3) to select filter. See (4) for digital filter mode LED colours.

|       |                                                            |
|-------|------------------------------------------------------------|
| "STD" | Standard, modest filtering, modest pre and post ringing    |
| "MIN" | Minimum phase, slow roll-off, minimum pre and post ringing |



## 2. Multi-function Control

### Controls:

- Volume control (turn)
- Play/Pause (Single tap)
- Skip forward (Double tap)
- Skip back (Triple tap)
- Wake up voice assistant (long press)

### Answer the phone:

- Answer the call (short press)

- Hang up (long press)

### **3. Multi-function Settings buttons**

- **Sound effects mode Selector**
- Bluetooth pairing
- Factory Reset

#### **I) Sound effects mode (short press)**

This button cycles between (see 4):

**Off > XBass > XSpace > XBass + XSpace**

#### **II) Bluetooth Pairing (Long press $\geq 3s$ )**

From switch on, the GO blu Air will blink blue as it searches for a previously paired device. If a stored device is not found, it will automatically enter pairing mode and blink blue/red.

To enter pairing mode, long press the button (3)  $\geq 3s$  until the 'Bluetooth Status LED (4)' is blinking blue/red. To pair, on your handset, look for 'GO blu Air' in the list of available Bluetooth devices.

The GO blu Air is able to store up to 8 paired Bluetooth devices. When the 9th device is paired, the initially paired

Bluetooth device will be removed from the pairing list and you may need to manually reconnect it when using it.

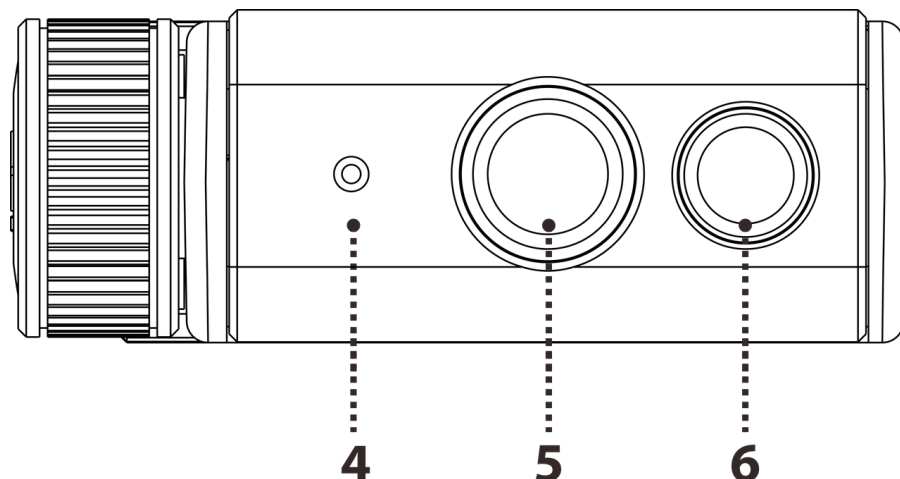
### **III) Digital Filter Mode Selection (Short press)**

Combination button function, first press the power switch (1) three times briefly three times to enter the filter selection mode, then press briefly to select the STD or MIN digital filter mode. See (4) for digital filter mode LED colours.

### **VI) Factory Reset (Long press $\geq 15s$ )**

Restore factory settings (press and hold for  $\geq 15s$ , (4) flashes white 3 times)

*Tip: restoring factory settings will clear all memorized Bluetooth addresses.*



## **4. Multi-function LED**

- Sound effects mode LED
- Bluetooth Status LED
- Digital filter LED
- Factory Reset LED

### **I) Sound effects mode LED**

The LED colour scheme indicates the current sound effects of GO blu Air.

| <b>LED</b> | <b>Mode</b>    |
|------------|----------------|
| Yellow     | XBass          |
| Cyan       | XSpace         |
| White      | XBass + XSpace |
| Off        | -              |

### **II) Bluetooth Status LED**

The LED colour represents the current Bluetooth connection status:

| <b>LED</b>           | <b>Status</b> |
|----------------------|---------------|
| Off                  | Connected     |
| Red/ Blue (flashing) | Pairing       |

Blue (flashing)

Awaiting connection

### III) Digital filter LED

The LED colour represents the current digital filter mode:

| LED     | Mode |
|---------|------|
| Green   | STD  |
| Magenta | MIN  |

*Note: Short press the power button 3 times to enter the digital filter mode adjustment, then short press the filter mode selection button (3) to change the digital filter type. Short press the power button 3 times again to keep the current selection and exit the digital filter selection mode (it will beep). It will also exit the filter mode and retain the filter selected if no button is pressed for 30 seconds.*

### VI) Factory Reset LED

| LED   | Format          |
|-------|-----------------|
| White | Restore factory |

*Note: You need to use the factory reset in the power-on state, during which no other operations can be performed; when the factory reset is successful, the white light will flash 3 times with a beep sound. After the operation is successful, the device will be in the power-on state.*

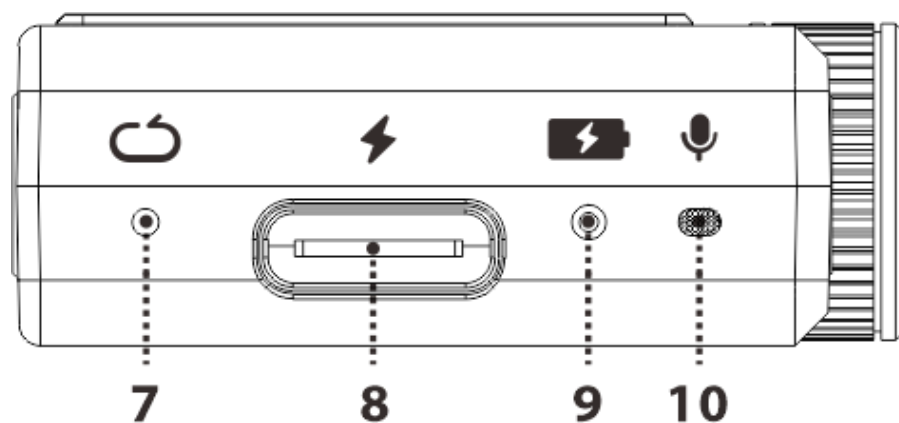
*Warning: Restoring the factory settings will clear all the memorized Bluetooth addresses, XBass and XSpace will be turned off, and voice (decoding format) announcement will be turned on.*

## 5. Balanced 4.4mm headphone output

Connect balanced 4.4mm headphones.

## 6. S-Balanced 3.5mm headphone output

Connect 3.5mm headphones (compatible with standard TRS configuration).



## 7. Factory Reset

System reset, the device restarts (long press  $\geq 3s$ ).

## 8. USB-C battery charge input

For charging only. It will take <40 minutes for a high powered USB charger to fully charge GO blu Air. Use the enclosed 'USB-A' to 'USB-C' cable, smart charger or a regular charger up to 6.3V.

Tip: The default setting of the phone does not allow charging of the GO blu Air (except in exclusive mode).

Exclusive mode is when the device outputs only the sound of the currently used application. Only a few applications have an exclusive mode setting; in general there is no difference to charging the GO blu Air between turn.

## 9. Battery Status LED

| LED    | Status   |
|--------|----------|
| Green* | 51%-100% |
| Yellow | 20%-50%  |
| Red    | ≤19%     |

*\*Battery LED will flash when it is charging and will go out when it is fully charged.*

## 10. Microphone

Built-in mic for hands-free calls when paired with your smartphone.

Tip: To wake up your phone's voice assistant, long-press the multi-function knob.

Tip: For the latest firmware updates please use the iFi Nexus app.



"iFi Nexis"



**Download the Nexis app for added features and future updates**

## Set up your Bluetooth connection using our iFi-Nexis APP

Please search for "GO blu Air" within the iFi Nexis app.

The iFi Nexis app gives you access to all GO blu Air's features and settings, including OTA upgrades\*, Bluetooth codecs, firmware version information, and more.

*\*OTA (Over-the-Air) technology Enableds firmware updates via the network.*



**Scan the QR code to view the official iFi audio GO blu Air video on YouTube.**

## Cautions

1. Avoid extreme heat, cold and humidity.
2. Avoid dropping or crushing the GO blu Air.

## SPECIFICATIONS:

|                                        |                                                                            |
|----------------------------------------|----------------------------------------------------------------------------|
| <b>Bluetooth version</b>               | Bluetooth 5.2                                                              |
| <b>Chipset</b>                         | Qualcomm QCC 5100 Series                                                   |
| <b>Connection distance:</b>            | 10 m                                                                       |
| <b>Input</b>                           | Bluetooth 5.2 (aptX Adaptive, aptX HD, aptX, LDAC, LHDC(HWA), AAC and SBC) |
| <b>Headphone Output</b>                | Balanced 4.4mm; S-Balanced 3.5mm*                                          |
| <b>Maximum supported sampling rate</b> | 96kHz/24Bit                                                                |
| <b>^Output Power (Max)</b>             |                                                                            |
| Balanced                               | 3.1V/300mW @ 32Ω;<br>5.7V/108mW @ 300Ω                                     |
| S-Balanced                             | 2.4V/180mW @ 32Ω; 3.0V/30mW @ 300Ω                                         |
| <b>Output Power (RMS)</b>              |                                                                            |

|                            |                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------|
| Balanced                   | $\geq 262\text{mW}/2.9\text{V @ } 32\Omega$ ;<br>$\geq 52\text{mW}/5.6\text{V @ } 600\Omega$ |
| S-Balanced                 | $\geq 165\text{mW}/2.3\text{V @ } 32\Omega$ ;<br>$\geq 14\text{mW}/2.9\text{V @ } 600\Omega$ |
| <b>Output Impedance:</b>   | $\leq 1\Omega$                                                                               |
| <b>SNR:</b>                | $\geq 110\text{dBA}$                                                                         |
| <b>DNR:</b>                | $\geq 110\text{dBA}$                                                                         |
| <b>THD + N:</b>            |                                                                                              |
| Balanced:                  | $< 0.009\%$ (6.5mW/2.0V @ 600 $\Omega$ )                                                     |
| S-Balanced:                | $< 0.03\%$ (100mW/1.27V @ 16 $\Omega$ )                                                      |
| <b>Frequency Response:</b> | 20-40kHz (-3dB) via LDAC                                                                     |
| <b>Battery:</b>            | Lithium-polymer 450mAh                                                                       |
| <b>Battery Life</b>        | $\geq 10$ Hours                                                                              |
| <b>Charging time:</b>      | $\leq 40$ mins                                                                               |
| <b>Power System:</b>       | 5V/ $\geq 1\text{A}$ , Charging via USB-C                                                    |
| <b>Dimensions:</b>         | 53.5 x 33.7 x 19.5 mm (2.11" x 1.33" x 0.77")                                                |
| <b>Net Weight:</b>         | 31 g (1.09 lbs)                                                                              |
| <b>Limited Warranty:</b>   | 12 months                                                                                    |

*\*12 months typical or as permitted/required by local reseller laws.*

*\*\*Specifications are subject to change without notice.*

*^See FAQ at ifi-audio.com for more information.*

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#### FCC Warnings

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. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The device has been evaluated to meet general RF exposure requirement. The device can be used without restriction between the radiator and your body.