



ZEN Blue

User Manual

Thank you for choosing the ZEN Air Blue 2. The ZEN Air Blue 2 is a Lossless Bluetooth Receiver for Home & Car.

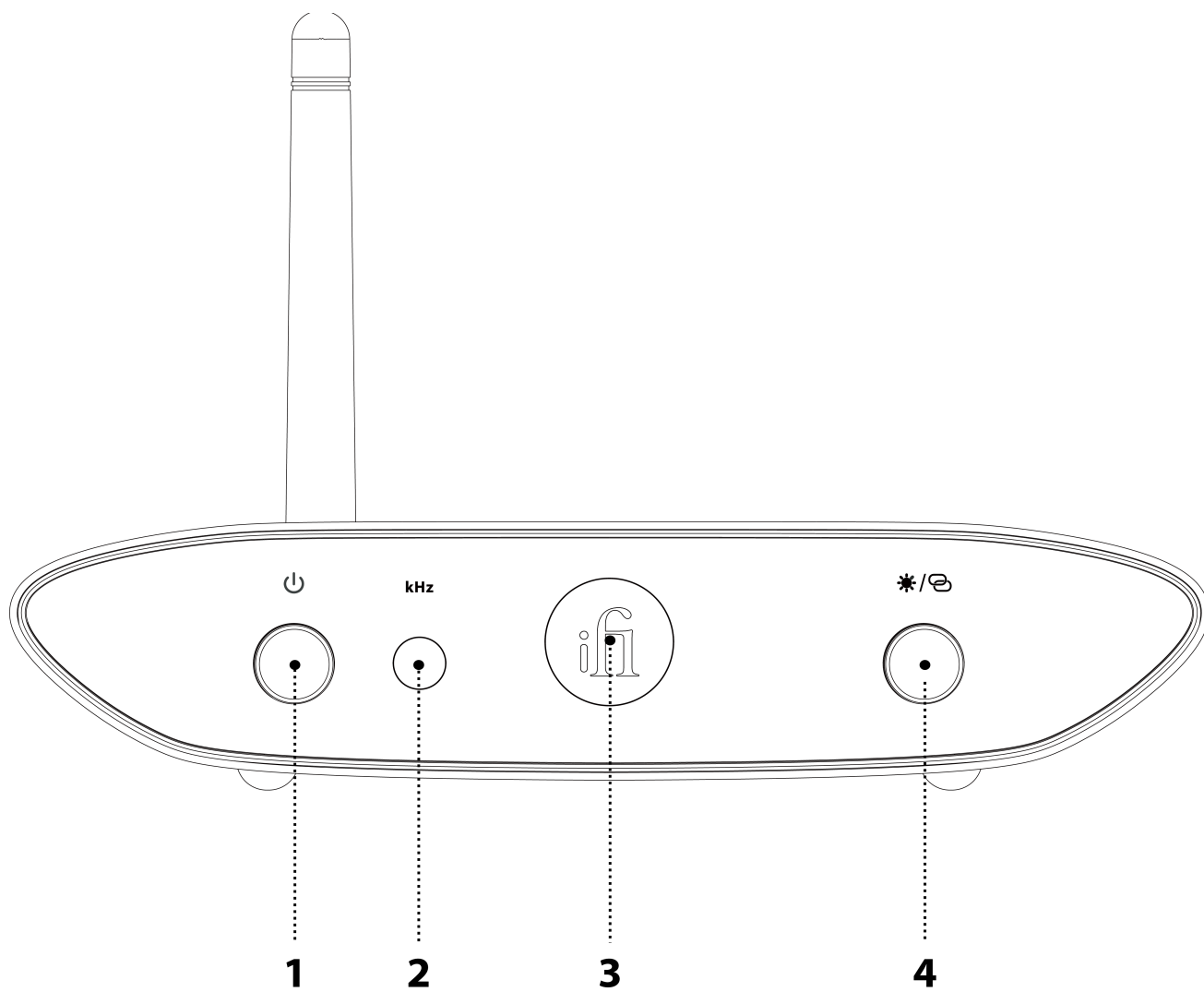
Award-Winning Bluetooth. Made Accessible.

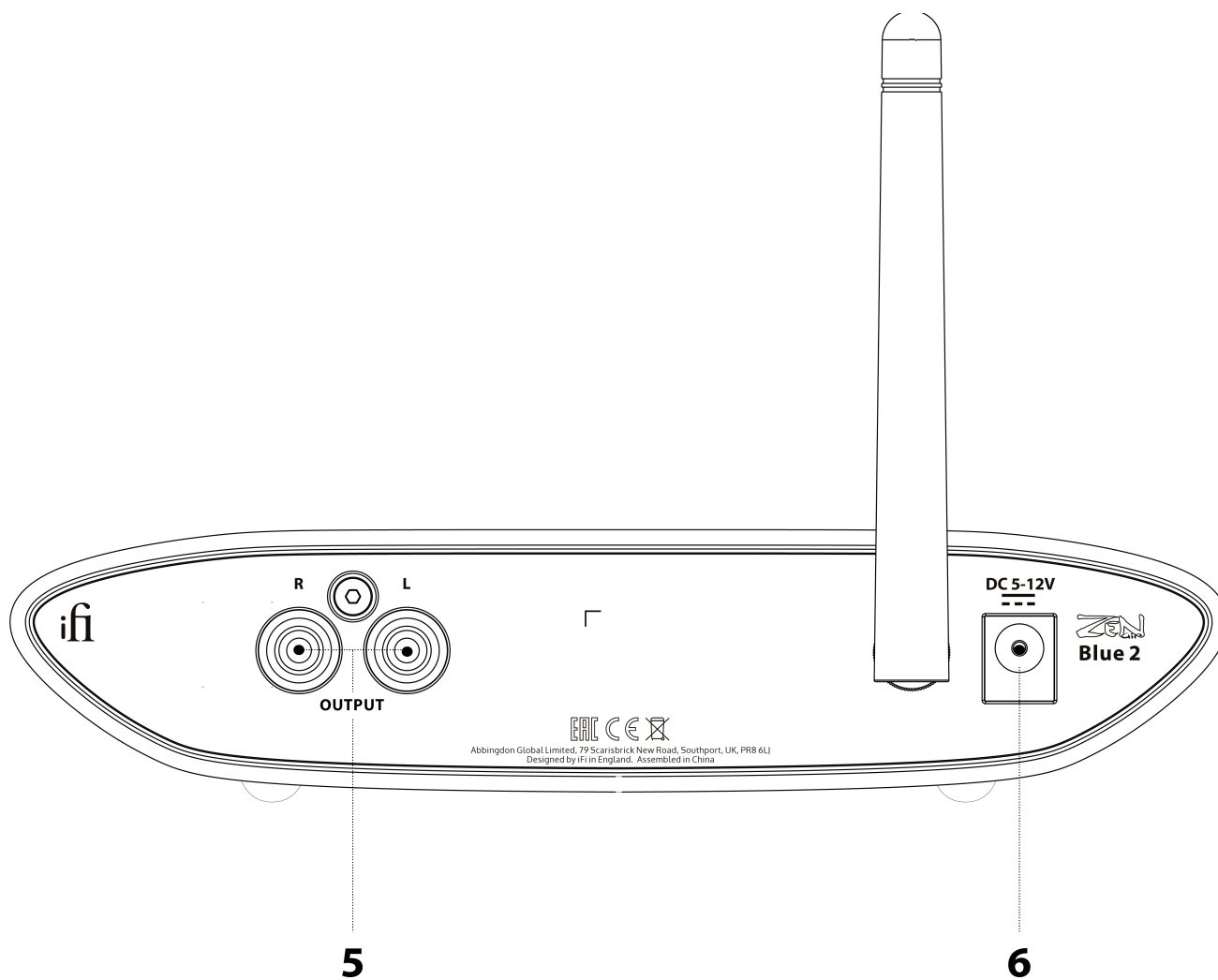
The ZEN Air Blue 2 gives your hi-fi a new lease of life, bringing it into the modern era with true lossless streaming from your phone, tablet, or laptop – no new system required.

Built around Bluetooth 5.4, it supports a wide range of high-resolution codecs including aptX Lossless, LDAC, and aptX Adaptive for sound that rivals wired connections. With flexible input voltage operation, it's equally at home upgrading your car stereo, switching on seamlessly as you start the engine.

FEATURES:

- Lossless Bluetooth streaming for any home or car stereo
 - Direct wireless playback from your phone, tablet, or laptop
 - Bluetooth 5.4 connectivity for stronger, more reliable connectivity
 - High-resolution codec support that preserves detail in your music
 - Dedicated ESS DAC brings hi-fi grade audio conversion
 - 5-12V power compatibility for flexible home or in-car use
 - Automatic in-car power-on switches on with your engine
 - Premium metal fascia and a midnight blue finish
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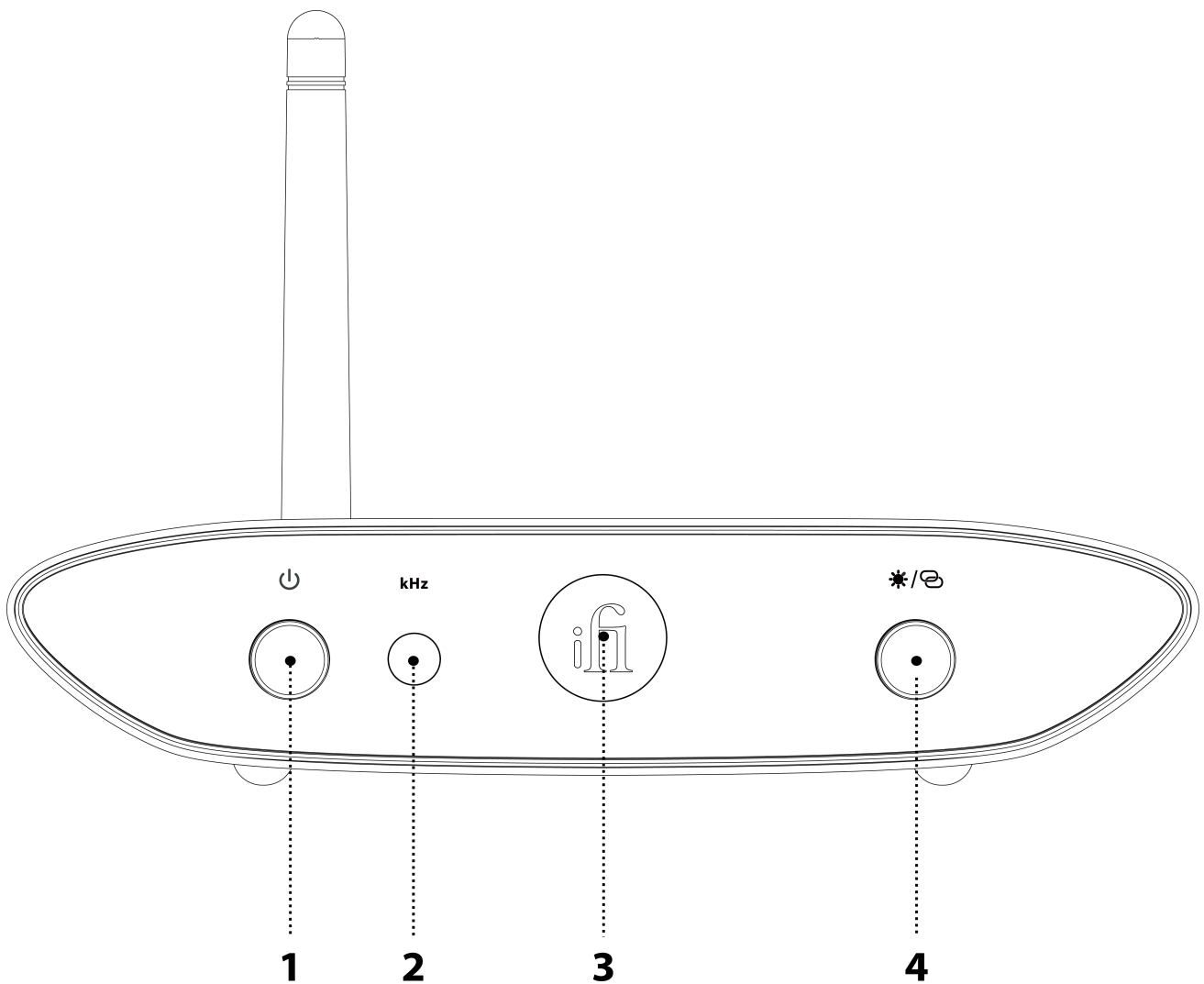
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1. Power ON/OFF

Short press $\leq 1s$ to switch the ZEN Air Blue 2 on or off.

2. Audio Format (kHz) and Bluetooth Pairing Status LED

Audio Format (kHz) LED

The LED colour scheme indicates the audio format and sampling frequency received by the ZEN Air Blue 2 from the music source.

LED	Mode
Yellow	PCM 44.1/48kHz
White	PCM 88.2/96kHz

Bluetooth Pairing Status LED

LED	Status
Off	Bluetooth (Connected)
Blue/Red (flashing)	Bluetooth (Pairing)
Blue (flashing)	Bluetooth (Awaiting connection)

3. Bluetooth Codec Display

The colour of the 'iFi' logo in the centre of the front display represents the file format received:

LED	Format
Off	SBC
Yellow	AAC

Blue	aptX
Magenta	aptX HD
Green	aptX Adaptive
White	aptX Lossless
Cyan	LDAC

4. Bluetooth Pairing and LED display ON/OFF and BT Voice Prompt

- **Bluetooth Pairing (Long Press $\geq 3s$)**
- **LED Display ON/OFF (Single Tap)**
- **BT Voice Prompt ON/OFF (Double Tap)**

I) Bluetooth Pairing (Long Press $\geq 3s$)

When first powered on, the ZEN Air Blue 2 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 the LED (2) will blink blue/red.

To enter pairing mode, press and hold the Bluetooth pairing button (4) until the LED (2) is blinking blue/red. To pair your source device, look for 'iFi Hi-Res Audio' in the list of available Bluetooth devices.

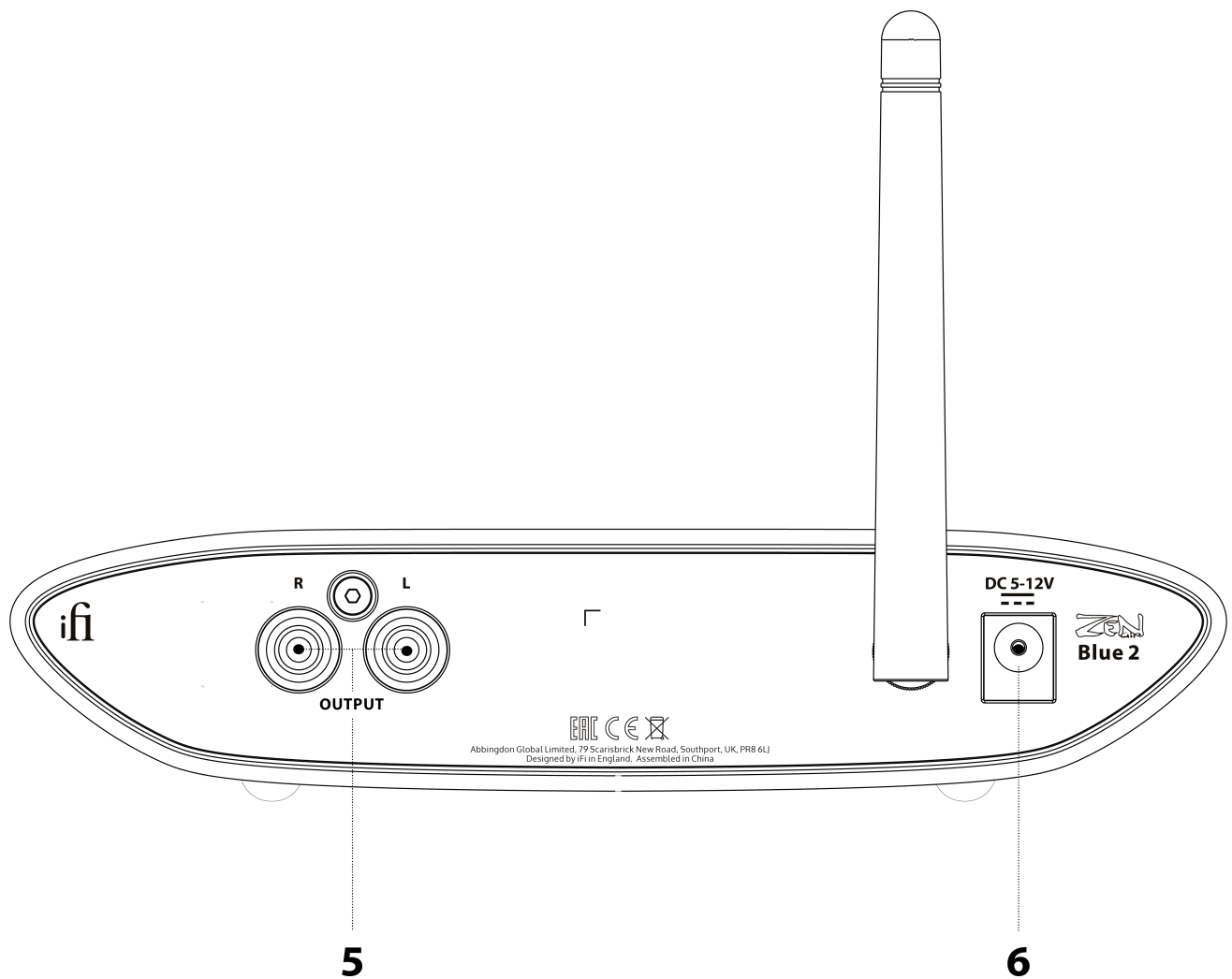
The ZEN Air Blue 2 is able to store up to 8 paired Bluetooth devices. When the 9th device is paired, the oldest previously paired Bluetooth device will be removed from the pairing list and you may need to manually reconnect it when using it.

II) LED Display ON/OFF (Single Tap)

Single tap to switch off the Bluetooth codec display (3) and audio format (kHz) LED (2). It is on by default.

III) BT Voice Prompt ON/OFF (Double Tap)

Double tap to turn the BT voice prompt on/off. It is on by default.



5. RCA Analogue Line Output

This is an analogue output via RCA > RCA or other single-ended interconnects. You can use this to connect to active speakers or amplifiers that have a volume control.

6. DC 5-12V Power Supply Connection

The ZEN Air Blue 2 requires a DC 5-12V/ $\geq 0.5\text{A}$ power input.

**The power supply unit must be able to deliver the minimum rated repetitive current.*

Tip: For best performance upgrade the power supply to a super-low noise power adapter such as iPower 2 5V/12V or iPower X 5V/12V.

Cautions

1. Avoid extreme heat, cold and humidity.
2. Avoid dropping or crushing the **ZEN Air Blue 2**.

Prolonged Heat Exposure

During normal use, your **ZEN Air Blue 2** may become quite warm. This is normal and not a cause for concern.

SPECIFICATIONS:

Bluetooth version:	Bluetooth 5.4™
Bluetooth formats:	aptX Lossless*, LDAC™, aptX Adaptive*, aptX HD*, aptX*, AAC, SBC
Chipset:	Qualcomm QCC 3095
Connection distance:	10 m
Output:	RCA L/R
Output Voltage	2.1Vrms @ 0dBFS

Output Impedance:	$\leq 51\Omega$
SNR:	109dB (A)
DNR:	110dB (A) @ 0dBFS
THD + N:	<0.005% 10k Load @ 0dBFS
Frequency Response:	20Hz - 20kHz -3dB (44.1kHz) 20Hz - 40kHz -3dB (96kHz)
Power supply requirement:	DC 5-12V/ $\geq 0.5A$ (centre +ve)
Power consumption:	DC 5V < 0.25W DC 9V < 0.34W DC 12V < 0.45W
Dimensions:	158 x 100 x 35 mm (6.2" x 3.9" x 1.4")
Net Weight:	305g (0.67 lbs)
Limited Warranty:	12 months*

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

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