

ifi



GO blu

Tech Lowdown

Hi-Res Portable Bluetooth DAC

The pocket-sized GO blu delivers heavenly headphone sound on the go.

- The world's first miniature Bluetooth DAC/amp to support the latest hi-res codecs and deliver the best-quality audio streaming from smartphones, tablets and other portable sources.
- First miniature Bluetooth DAC to use the latest QC5100 chipset. This means Bluetooth v5.1 and twice as much processing power as the previous version still widely used today.

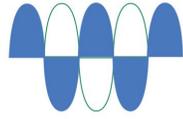


Hi-Res Portable Bluetooth DAC

- Separate Bluetooth, DAC and amp stages – individually optimized for maximum performance
- Built-in mic for hands-free calls when paired with your smartphone
- Balanced twin-mono circuit design with Direct Drive equals ultra-low distortion
- Fully-balanced and S-Balanced outputs make the most of all headphone types



Superior Design And Components



Twin-Mono Amplification for the best balanced performance



Dedicated 32bit Master HiFi DAC



Precision Low Jitter Audio-Grade Oscillators



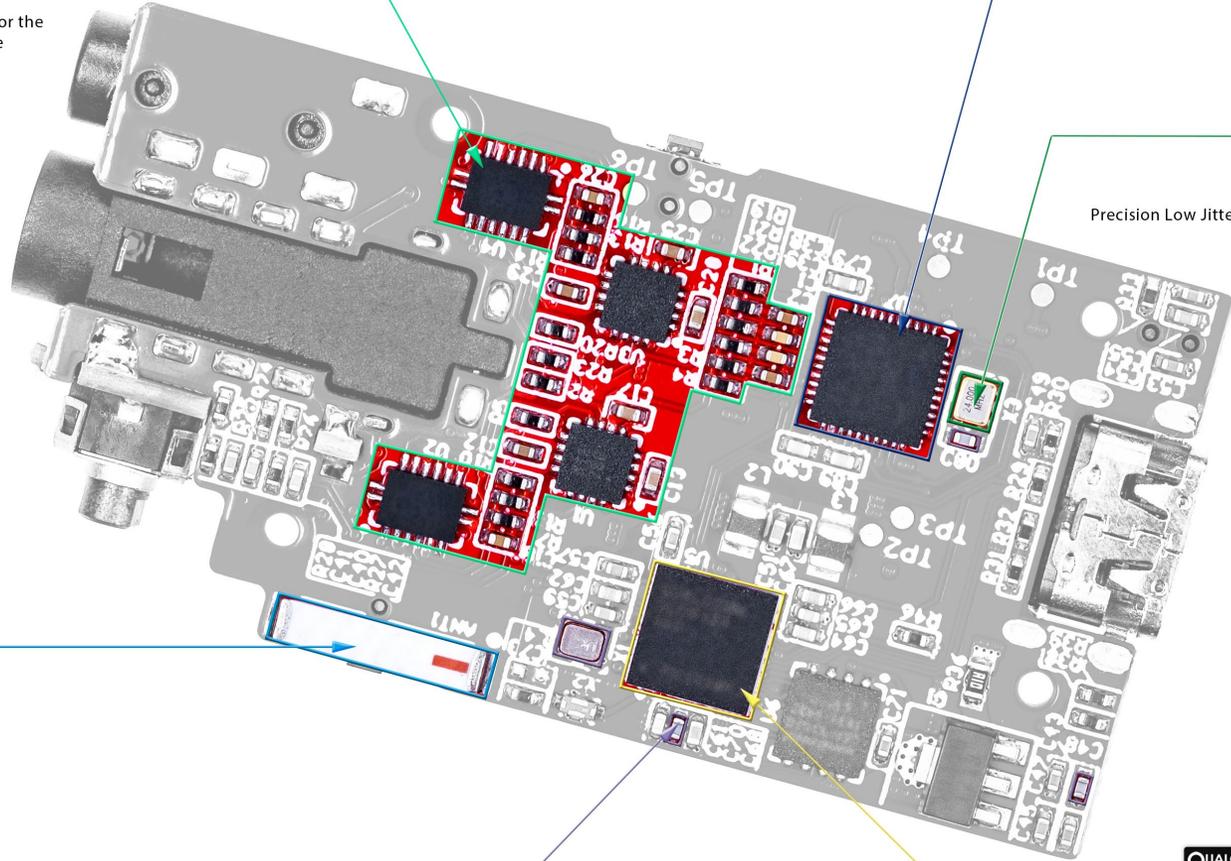
High Gain Antenna



Murata Low-ESR high Q multilayer capacitor

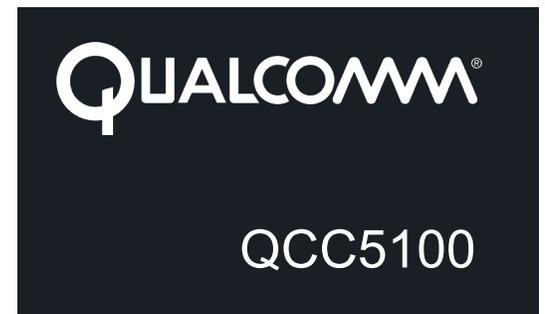
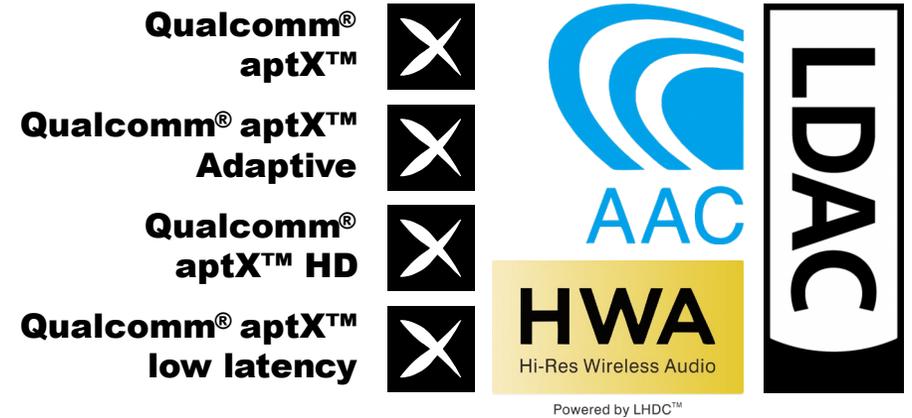


Qualcomm 5100 series Bluetooth chip Bluetooth5.0[®](aptX, aptX HD, aptX Adaptive, aptX LL, LDAC, HWA/LHDC, AAC and SBC)



Hi-Res Bluetooth

- Advanced Bluetooth module with QC5100 chipset handles every HD format
- All the latest 24-bit-capable Bluetooth audio formats are supported - AAC, SBC, aptX, aptX HD, aptX Adaptive, aptX LL, LDAC, LHDC/HWA
- Bluetooth implementation avoids typical 40% quality drop found with standard Bluetooth
- Future codecs can be added



Unique Sonic Tailoring

Tailor sound to suit your headphones and personal sonic taste.

XBASS



Analogue bass boost.

Enhances low frequencies without muddying the mid-range.

XSPACE



Analogue headphone spatialiser.

Opens up your music to give you the spaciousness of a live concert.

Bluetooth-Status LEDs



Connected



Flashing Blue:
Awaiting Connection



Flashing Blue/Red:
Pairing

Sound Effect-LEDs



XBass



XSpace



XBass + XSpace

Headphone Friendly

- Precision rotary volume control with auto-gain: Adjusts output to match your headphones
- Output delivers up to 5.6V for high power to drive even tough headphone loads with ease
- Two headphone outputs: 4.4mm Pentaconn balanced and 3.5mm S-Balanced
- S-Balanced output: Cuts distortion by 50% with single-ended headphone connections



Connection Guide



Balanced Headphone
4.4mm



Single-Ended Headphone
3.5mm



USB-C Input
24 bit / 96kHz
Charging



Built-in Mic

Specifications

Chipset	Qualcomm QCC5100 Series	
Input	USB-C/Bluetooth 5.0 (AAC, SBC, aptX, aptX HD, aptX Adaptive, aptX LL, LDAC, LHDC/HWA Codec)	
Outputs	4.4mm/3.5mm (BAL/UnBAL) USB-C — 24 bit / 96kHz	
Power Output	Balanced	245mW @ 32Ω; 5.6V @ 600Ω
	UnBAL	165mW @ 32Ω; 2.8V @ 600Ω
Output Impedance	<1Ω (BAL/UnBAL)	
SNR	111dBA/106.5dBA (BAL/UnBAL)	
DNR	120dB(A) (BAL/UnBAL)	

THD + N	<0.009% (BAL 6.5mW/2.0V @ 600Ω) <0.03% (unBAL100mW/1.27V @ 16Ω)
Frequency Response	20Hz - 45kHz (-3dB)
Battery	Lithium-polymer 450mAh approx. ~10 hours
Power System	Charging via USB-C, BC V1.2 compliant up to 1000mA charging current and 6.3 volts
Dimensions	55 x 34 x 13 mm
	2.2" x 1.3" x 0.5"
Net weight	26 g
	0.92 oz

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audio