



Tea Specifications

Model	Tea
Overview	Ultraslim Hi-Res Headphone Amplifier for Smartphones
Highlights	Compatible with Apple Magsafe (iPhone 12 and later) Hi-Res Bluetooth Audio with LDAC and aptX HD Microphones for Making and Receiving Calls over Bluetooth Bit-Perfect Audio Transmission via USB-C wired connection Playback Hi-Res MQA, DSD, PCM, Lossless Audio from Your Smartphone 1160 mAh Lithium Polymer Battery for 8 Hours of Continuous Music Playback
Finish	Teal Blue, Granite Grey
Enclosure Materials	CNC Machined Aluminum Enclosure AG Glass Panel
Audio Performance	Output Impedance < 0.3Ω THD+N, 1KHz, 300Ω 0.000355% (-109dB) THD+N, 1KHz, 150Ω 0.000355% (-109dB) THD+N, 1KHz, 32Ω 0.000447% (-107dB) THD+N, 1KHz, 16Ω 0.000708% (-103dB) Noise < 3.2uVrms SNR, High-gain Mode 116dB SNR, Low-gain Mode 112dB DNR, High-gain Mode 115dB DNR, Low-gain Mode 111dB Max Output @300Ω 20.8mW (2.5Vrms) Max Output @150Ω 42.7mW (2.5Vrms) Max Output @32Ω 165mW (2.3Vrms) Max Output @16Ω 130mW (1.44Vrms) Crosstalk, 600Ω > 113dB Crosstalk, 32Ω > 70dB Frequency Response, 20Hz~20KHz ±0.05dB
Sampling Rate	USB: up to 32bit 384KHz @PCM, or DSD 256 (Native) Bluetooth: up to 24bit 96KHz
Audio Formats	USB: MQA(Renderer), AAC, FLAC, APE, WMA, WAV, OGG, MP3 ... Bluetooth: LDAC, aptX HD
Chip	USB DAC: ESS ES9281ACPRO Bluetooth: Qualcomm QCC5125 Amplifier RT6863D (Buffer Stage)
Apple MFi	MFi 3.0
Designs	Professional Audiophile Crystal Oscillator Stackup: 4 Layers, HDI Process
Buttons	Power Button Volume Up/Down
LED	RGB LED
Connectivity	USB-C 2.0 3.5 mm Headphone Jack Microphone
O/S Compatibility	iOS Android (supports OTG function) iPadOS macOS

	Windows 7, 8, 10, 11 (Khadass USB ASIO driver required)
	Linux (with UAC2 compliant kernel)
Power and Battery	Rechargeable Lithium Polymer, 1160mAh
	Up to 8 hours playback
	Rated Voltage: DC 5V
Certifications	CE, FCC, KC, TELEC, SRRC, RoHS
	Battery: CB, KC, PSE, UN38.3
	Sony LDAC, Qualcomm aptX, MQA and Apple MFi
Size	95.5mm(l) x 63.8mm(w) x 6.25mm(t-min) / 7.95mm (t-max)
Weight	73.5 grams
Warranty	1 Year Limited Hardware Warranty
In the Box	Tea
	Lightning to USB-C Cable (0.1 m) [1]
	USB-C to C Cable (0.1 m)
	Quickstart Guide and Warranty Card

[1] iPhone support requires the USB-C to Lightning OTG (Apple C78-USBH) cable, normal Lightning charging cables will not work.