

Specifications

ATH-AL5NC

Wireless Headphones

Headphones

Type	Open air dynamic
Driver	53 mm
Sensitivity	103 dB/mW
Frequency response	20 to 40,000 Hz
Impedance	52 ohms

Microphone (headphones)

Type	MEMS type
Polar pattern	Omnidirectional
Sensitivity	-38 dB (1 V/Pa, at 1 kHz)
Frequency response	50 to 10,000 Hz

Microphone (cable)

Type	Electret condenser
Polar pattern	Omnidirectional
Sensitivity	-42 dB (1 V/Pa, at 1 kHz)
Frequency response	100 to 10,000 Hz

Communication specifications

Communication system	Bluetooth version 5.3
Maximum RF output	12 mW EIRP
Maximum communication range	Line of sight - approx. 10 m (33')
Frequency band	2.402 GHz to 2.480 GHz
Modulation method	GFSK, Pi/4DQPSK, 8DPSK
Spread spectrum method	FHSS
Compatible Bluetooth profiles	A2DP, AVRCP, HFP, HSP
Supported codec	LDAC, AAC, SBC

Supported content protection method	SCMS-T
Transmission band	20 to 40,000 Hz (when LDAC 96 kHz sampling, 990 kbps) 20 to 20,000 Hz (when 44.1 kHz sampling)

Other

Power supply	DC 3.85 V lithium polymer battery
Charging time	Approx. 3.5 hours*
Operating time	Continuous transmission time (music playback): Max. approx. 50 hours (when Bluetooth on, noise cancelling on) * Max. approx. 75 hours (when Bluetooth on, noise cancelling off) *
Weight	Approx. 240 g (8.5 oz)
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)
Accessories	• USB charging cable ((50 cm (20")), USB Type-A / USB Type-C) • Cable with inline mic and control (1.2 m (3.9')/3.5 mm (1/8") gold-plated stereo mini-plug (4 pole / L-shaped)) • Pouch
Sold separately	• Earpad • Cable with in-line mic and control

* The above figures depend on operating conditions.

For product improvement, the product is subject to modification without notice.