

Specifications

3000 Series

Wireless In-Ear Monitor System

Overall system specifications

Operating frequencies*1	Band DF2: 470.125 to 607.875 MHz Band EG2: 580.000 to 713.850 MHz
Minimum frequency step	25 kHz
Modulation mode	FM
Nominal/Peak deviation	±34 kHz nominal / ±45 kHz peak
Dynamic range	>90 dB, A-weighted, typical
Total harmonic distortion	<0.2% (at 1 kHz, +4dBu input)
Operating range*2	90 m (300')
Frequency response	40 Hz to 14,100 Hz
Stereo separation	75 dB
Maximum simultaneous use (recommended)*3	49 ch per band

*1 Please note that some frequency bands might not be available in your territory or could come with a limited tuning bandwidth/transmitting power due to local regulations.

*2 Open range environment with no interfering signals.

*3 For assistance with multi-band operation or other frequency coordination issues, contact your local audio-technica dealer.

ATW-T3205

RF output power*1	High: 50 mW, Low: 10 mW (switchable) at 50 ohms
Input connection	XLR-F type × 2 (Pin1: GND, Pin2: Hot, Pin3: Cold)
Maximum input level	XLR-F type: +24 dBu (at 0 dB sensitivity)
Output connection	6.3 mm (1/4") TRS × 2 (Tip: Hot, Ring: Cold, Sleeve: Ground)
Network	100BASE-T
Network port	RJ-45
Power supply	100 to 240 V AC (50/60 Hz) to 12V DC 1 A (center positive) switched mode external power supply

Antenna output	BNC-type, 50 ohms
Dimensions	210 mm (8.3") × 191 mm (7.5") × 43.4 mm (1.7") (W × D × H)
Weight (without accessories)	1,100 g (39 oz)
Included accessories	AC adapter Rack-mount (large, small) Flexible UHF antenna

*1 May differ depending on the country or region in which you live.

ATW-R3250

Receiving system*1	Antenna diversity
Image rejection	>80 dB, typical
RF sensitivity	20 dBuV at 60 dBA S/N ratio (50 ohms termination)
headphone output jack	3.5 mm (1/8") TRS stereo mini-jack
headphone output	40 mW (at 12 ohms)
EQ	Low: 80 Hz / 160 Hz / 320 Hz / ±9 dB in 3 dB step High: 6 kHz / 8 kHz / 10 kHz / ±9 dB in 3 dB step
Limiter	Selectable: -30dB to OFF (0 dB) in 6 dB steps
Antenna input	SMA type, 50 ohms
Batteries	3 V DC (two 1.5 V AA) (not included)
Operating temperature range*2	-5°C to +45°C (23°F to 113°F)
Battery life*3	4 to 6 hours (alkaline) 5 to 7 hours (Ni-MH, 1900 mAh) 11 to 13 hours (Lithium)
Dimensions	64 mm (2.5") × 23 mm (0.91") × 82 mm (3.2") (W × D × H)
Weight (without batteries)	102 g (3.6 oz)
Included accessories	ATH-E40

*1 Audio output cable performs as a secondary antenna to ensure stable RF performance.

*2 Battery performance may be reduced at very low temperatures.

*3 Depending on battery type, usage, volume level and environmental conditions.

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