

System 10

digital wireless systems

Audio-Technica's **System 10** is a digital high-fidelity wireless system designed to provide performing musicians and presenters with advanced 24-bit operation, easy setup and clear, natural sound quality. Operating in the 2.4 GHz range, far from TV and DTV interference, **System 10** offers extremely easy operation and instantaneous channel selection. Up to eight channels may be used together without any frequency coordination problems or group selection issues. **System 10** receivers and transmitters offer an easy-to-read digital ID display.

System 10 wireless ensures clear communications by providing three levels of diversity assurance: frequency, time, and space. **Frequency Diversity** sends the signal on two dynamically allocated frequencies for interference-free communication. **Time Diversity** sends the signal in multiple time slots to maximize immunity to multipath interference. Finally, **Space Diversity** uses two antennas on each transmitter and receiver to maximize signal integrity.

Featuring stackable, contemporary styling, **System 10** includes the ATW-R1100 single-channel receiver and either a body-pack transmitter or handheld microphone/transmitter. The **ATW-R1100** is a digital receiver offering volume control along with AF Peak and Pair indicator lights.

- Digital 24-bit/48 kHz wireless operation for ultimate sound quality and dependable performance
- 2.4 GHz range – completely free from TV interference
- Three levels of diversity assurance: frequency, time, & space
- Automatic frequency selection for seamless, interference-free operation
- Extremely easy operation with instantaneous channel selection, sync, and set-up
- State-of-the-art digital receiver for reliable performance
- Balanced XLR and unbalanced 1/4" output jacks with level control



System 10

RECEIVER SPECIFICATIONS

Receiving System	Diversity (frequency/time/space)
Maximum Output Level	XLR, balanced: 0 dBV 1/4" (6.3 mm), unbalanced: +6 dBV
Power Supply	100-240V AC (50/60 Hz) to 12V DC .5A (center positive) switched mode external power supply
Dimensions	190.0 mm W x 46.2 mm H x 128.5 mm D
Net Weight	290 grams (10.2 oz)
Accessory Included	Power supply

BODY-PACK TRANSMITTER SPECIFICATIONS

RF Power Output	10 mW
Spurious Emissions	Following federal and national regulations
Input Connections	Four-pin Locking Connector Pin 1: GND, Pin 2: INST INPUT, Pin 3: MIC INPUT, Pin 4: DC BIAS +9V
Batteries	Two 1.5V AA not included
Battery Life	>7 hours (alkaline) Depending on battery type and use pattern
Dimensions	70.2 mm W x 107.0 mm H x 24.9 mm D
Net Weight	100 grams (without batteries)

HANDHELD TRANSMITTER SPECIFICATIONS

RF Power Output	10 mW
Spurious Emissions	Following federal and national regulations
Batteries	Two 1.5V AA not included
Battery Life	>7 hours (alkaline) Depending on battery type and use pattern
Dimensions	254.8 mm long, 50.0 mm diameter
Net Weight	280 grams (without batteries)
Accessory Included	AT8456a Quiet-Flex™ stand clamp

Specifications*:

OVERALL SYSTEM SPECIFICATIONS

Operating Frequencies	2.4 GHz ISM band
Dynamic Range	>109 dB (A-weighted), typical
Total Harmonic Distortion	<0.05% typical
Operating Range	30 m (100') typical <i>Open range environment with no interfering signals</i>
Operating Temperature Range	0° C to +40° C (32° F to 104° F) <i>Battery performance may be reduced at very low temperatures</i>
Frequency Response	20 Hz to 20 kHz <i>Depending on microphone type</i>

* Specifications are subject to change without notice.

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 **audio-technica.**
always listening

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