



System 10

Digital Wireless Systems

Automatic frequency selection

The System 10 automatically changes its frequency. Unlike other systems on the market that attach to 2 or 4 frequency, the System 10 will constantly “monitor” the frequencies and switch if necessary. Thus, there are always a good 2 frequencies in the system, and the user does not need to manually intervene.

Easy to use

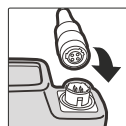
System 10 is a digital high-fidelity wireless system designed to provide 24-bit operation, easy setup and clear, natural sound quality. Operating in the 2.4 GHz range, far from TV and DTV interference, System 10 offers extremely easy operation and instantaneous channel selection. Up to eight channels 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.

Three levels of diversity assurance

System 10 provides three levels of diversity: frequency, time and space. Frequency diversity transmits the signal on two frequencies simultaneously for better protection against frequency interference. Time diversity sends the signal twice to maximise signal integrity. Finally, space diversity uses two antennas on each transmitter and receiver to optimize immunity against multipath interference.



Frequency



cW-Connector

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



/ Receiver
ATW-R1100



/ Body-Pack Transmitter
ATW-T1001

Locking 4-pin microphone connector for use with Audio-Technica cW-style wireless body-pack transmitters.

Handheld Transmitter /
ATW-T1002



/ System 10 -
Body-pack System
ATW-1101



/ System 10 -
Handheld System
ATW-1102

System 10 - Stack-Mount

Operating Frequencies	2.4 GHz ISM Band
Max. Number of Channels	8
Audio Sampling	24 bit / 48 kHz
Operating Range	30 m

ATW-R1100

Receiving System	Diversity (frequency / time / space)
Maximum Output Level	XLR, balanced, +6 dBV - 6.3 mm (1/4), unbalanced: 0 dBV

ATW-T1001

Frequency Response	20 to 20,000 Hz
Dynamic Range	109 dB or higher (A-weighted), typical
Input Connection	cW-style lock-down 4-pin connector
Spurious Emissions	Following federal and national regulations
Total Harmonic Distortion	0.05 % or less
RF Power Output	10 mW
Battery Life	7 hours (alkaline)
Dimensions	72 mm × 107 mm × 25 mm (W × D × H)
Net Weight	Approx. 100 g

ATW-T1002

Frequency Response	20 to 20,000 Hz
Dynamic Range	109 dB or higher (A-weighted), typical
Microphone Element	Unidirectional, dynamic
Spurious Emissions	Following federal and national regulations
Total Harmonic Distortion	0.05 % or less
RF Power Output	10 mW
Battery Life	7 hours (alkaline)
Dimensions	255 mm long, 50 mm maximum diameter
Net Weight	280 g