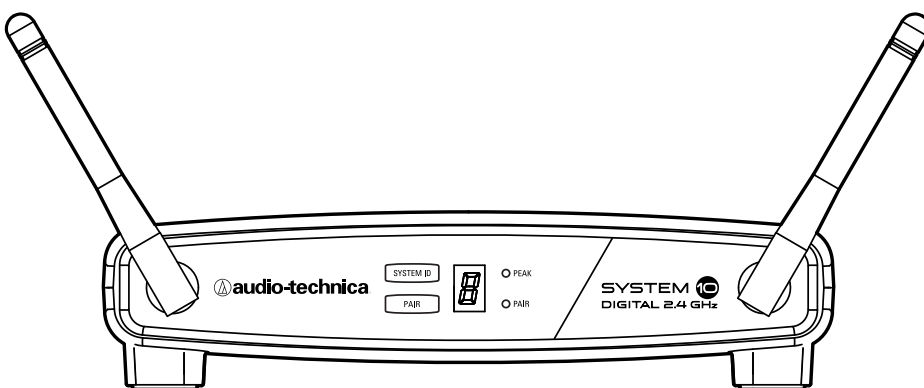

System 10

Digital Wireless System
Installation and Operation



ATW-1101

UniPak® Transmitter System

ATW-1101/G

Guitar System

ATW-1101/H

Headworn Microphone System

ATW-1101/H92

Miniature Headworn Microphone System

ATW-1101/H92-TH

Miniature (beige) Headworn Microphone System

ATW-1101/L

Lavalier Microphone System

ATW-1102

Handheld Microphone System

Because System 10 packaging is designed to hold all versions of the system, some compartments in the carton may be intentionally left empty.

The ATW-R1100 receiver includes a switching power supply that automatically adapts to changes in mains voltage.

The versatile ATW-T1001 UniPak body-pack transmitter has both a high-impedance input for instruments, and a low-impedance input with bias connection for use with dynamic and electret condenser microphones. The ATW-T1002 handheld transmitter features a unidirectional dynamic microphone element.

Both the body-pack and handheld transmitters use internal AA batteries and have Power/Mute switches and input Trim (level) adjustments.

Receiver Installation

Location

For best operation the receiver should be at least 3' (1 m) above the ground and at least 3' (1 m) away from a wall or metal surface to minimize reflections. Keep the receiver antennas away from noise sources such as other digital equipment, microwave ovens, as well as away from large metal objects. **Keep System 10 receiver 30' (9 m) away from wireless access points.** In multi-channel systems, position receivers at least 3' (1 m) apart and keep operating transmitters at least 6' (2 m) from the receivers to help assure maximum RF performance.

Output Connection

There are two audio outputs on the back panel: balanced XLR-type output and unbalanced ¼" TRS phone jack. Use shielded audio cable for the connection between the receiver and the mixer. If the input of the mixer is a ¼" jack, connect a cable from the ¼" unbalanced audio output on the back of the receiver housing to the mixer. If the input of the mixer is an XLR-type input, connect a cable from the balanced XLR-type audio output on the back panel to the mixer.

Power Connection

Connect the DC plug on the included AC power adapter to the DC power input on the back of the receiver. Secure the cord over the cord hook on the back of the receiver, to keep the plug from being detached by an accidental tug on the cord. Then plug the adapter into a standard 120 Volt 60 Hz AC power outlet.

(Note that the receiver has no power Off/On switch. The receiver will be energized whenever the power adapter is connected and plugged into the AC outlet. Unplug the power supply from the AC outlet when the system is not in use — both for safety, and to conserve energy.)

Antennas

Rotate the permanently attached antennas in the shape of a "V" (both 45° from vertical) for best reception.

ATW-R1100 Receiver Controls and Functions

Figure A — Front Panel Controls and Functions

1. Antennas: Position the antennas as shown.
2. System ID Select Switch: Press to cycle through System ID numbers. (System ID is an identical number assigned to a paired receiver and transmitter for identification purposes.)
3. System ID Display: Shows System ID number.
4. Pairing Switch: Press to initiate pairing.
5. AF Peak Indicator: Only lights when audio distortion is present at maximum modulation. Not affected by position of Volume control.
6. Pair Indicator: Glows green to indicate presence of paired transmitter. Also blinks green to indicate pairing mode activated.

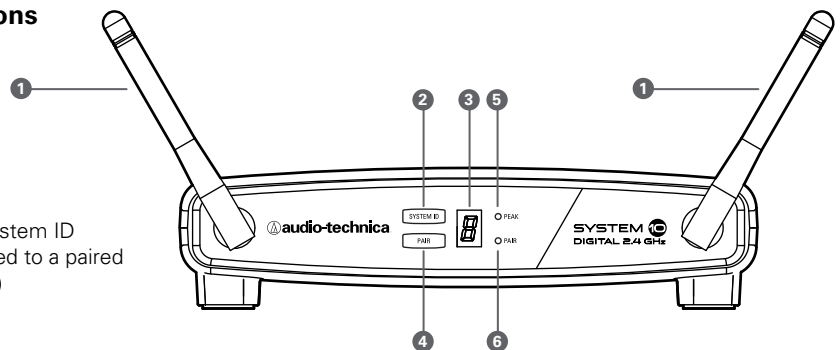


Figure B — Rear Panel Controls and Functions

1. AF Level (Volume) Control: Adjusts audio output level of both AF Output jacks; maximum output is fully clockwise.
2. Unbalanced Audio Output Jack: ¼" phone jack. Can be connected to an unbalanced aux-level input of a mixer, guitar amp or tape recorder.
3. Balanced Audio Output Jack: XLRM-type connector. A standard 2-conductor shielded cable can be used to connect the receiver output to a balanced microphone-level input on a mixer or integrated amplifier.
4. Power Input Jack: Connect the DC from the included in-line AC adapter.
5. Cord Hook: Loop the cord around the cord hook to keep the DC plug from pulling out accidentally.

