

Klark Teknik DW 20R

Klark Teknik AIR LINK DW 20R Wireless Stereo Receiver User Manual

Model: DW 20R

1. INTRODUCTION

The Klark Teknik AIR LINK DW 20R is a 2.4 GHz wireless stereo receiver designed for high-performance stereo audio broadcasting. It functions in conjunction with a separate DW 20T transmitter to wirelessly stream audio, making it suitable for various applications such as hospitality and event spaces, retail environments, and home audio setups. This manual provides detailed instructions for the setup, operation, and maintenance of your DW 20R receiver.

2. IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions thoroughly before operating the device.
- Keep these instructions for future reference.
- Heed all warnings on the product and in this manual.
- Follow all instructions for safe operation.
- Do not use this apparatus near water or moisture.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

3. WHAT'S IN THE BOX

- Klark Teknik 2.4 GHz Wireless Stereo Receiver (DW 20R)

Please ensure all components are present and undamaged upon unpacking.

4. PRODUCT OVERVIEW

The DW 20R receiver features a robust design with essential controls and connectors for seamless audio reception.



Figure 4.1: Front View. This image displays the front panel of the DW 20R receiver, showing the 'PAIR' button, 'LEVEL' knob, 'SIGNAL' LEDs (L and R), and 'DC INPUT' for power.



Figure 4.2: Back View. This image shows the rear panel of the DW 20R, highlighting the balanced XLR outputs (L and R) and unbalanced 1/4-inch TRS outputs (L and R) for audio connection.



Figure 4.3: Angled Side View. An angled view of the receiver, showing the robust casing and the antenna connection point.

4.1 Front Panel Controls and Indicators

- **PAIR Button:** Used to initiate the pairing process with a compatible Klark Teknik DW 20T transmitter.
- **LEVEL Knob:** Adjusts the output level of the received audio signal.
- **SIGNAL LEDs (L/R):** Indicate the presence and level of the incoming audio signal for the left and right channels.
- **DC INPUT:** Connection point for the external 12V DC power supply.

4.2 Rear Panel Connections

- **BALANCED OUTPUTS (XLR L/R):** Professional-grade balanced XLR outputs for connecting to mixers, amplifiers, or other audio equipment.
- **UNBALANCED OUTPUTS (1/4-inch TRS L/R):** Unbalanced 1/4-inch TRS outputs for connecting to consumer-grade

audio equipment.

5. SETUP

- 1. Placement:** Position the DW 20R receiver in a location that minimizes obstructions between it and the DW 20T transmitter for optimal wireless performance. Avoid placing it near large metal objects or other 2.4 GHz wireless devices.
- 2. Power Connection:** Connect the provided 12V DC power adapter to the 'DC INPUT' on the front panel of the DW 20R. Plug the adapter into a suitable power outlet.
- 3. Audio Output Connection:**
 - For balanced connections, use XLR cables to connect the 'BALANCED OUTPUTS' (L and R) to the inputs of your mixer, amplifier, or powered speakers.
 - For unbalanced connections, use 1/4-inch TRS cables to connect the 'UNBALANCED OUTPUTS' (L and R) to the inputs of your audio system.
- 4. Antenna:** Ensure the antenna is securely attached and oriented vertically for best signal reception.

6. OPERATING INSTRUCTIONS

- 1. Power On:** Once all connections are made, power on the DW 20R receiver. The 'PAIR' button LED will illuminate.
- 2. Pairing with DW 20T Transmitter:**
 - Ensure your Klark Teknik DW 20T transmitter is also powered on and ready for pairing.
 - Press and hold the 'PAIR' button on the DW 20R receiver for approximately 3 seconds until the LED begins to flash rapidly.
 - Initiate the pairing process on your DW 20T transmitter according to its manual.
 - Once successfully paired, the 'PAIR' button LED on the DW 20R will stop flashing and remain steadily lit.
- 3. Audio Transmission:** Begin playing audio through your DW 20T transmitter. The 'SIGNAL' LEDs (L and R) on the DW 20R will illuminate, indicating that an audio signal is being received.
- 4. Adjusting Output Level:** Use the 'LEVEL' knob on the front panel of the DW 20R to adjust the output volume to your connected audio system. Monitor the 'SIGNAL' LEDs to ensure the signal is not clipping (overloading).
- 5. Multiple Receivers:** Multiple DW 20R units can be used with a single DW 20T transmitter for broader coverage. Each receiver must be paired individually.

7. MAINTENANCE

- Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the exterior of the unit. Do not use liquid cleaners or aerosols.
- Ventilation:** Ensure that the ventilation openings are not blocked to prevent overheating.
- Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No audio output from receiver.	Receiver not powered on. Not paired with transmitter. Transmitter not sending audio. Output level too low. Cables incorrectly connected or faulty.	Check power connection and indicator. Perform pairing procedure (Section 6.2). Verify transmitter operation. Increase 'LEVEL' knob setting. Check all audio cable connections and test cables.
Intermittent audio or signal dropouts.	Excessive distance between receiver and transmitter. Obstructions (walls, metal objects). Interference from other 2.4 GHz devices. Antenna not properly oriented.	Reduce distance between units. Relocate units to minimize obstructions. Identify and move interfering devices. Adjust antenna position for optimal reception.
Poor audio quality (noise, distortion).	Input signal to transmitter is too high/low. Output level on receiver is too high. Interference.	Adjust input level on transmitter. Lower 'LEVEL' knob on receiver. See solutions for intermittent audio.

9. SPECIFICATIONS

Feature	Detail
Model Number	DW 20R
Wireless Frequency	2.4 GHz
Item Weight	1.89 pounds (0.86 kg)
Product Dimensions (L x W x H)	4.96 x 4.65 x 8.35 inches (12.6 x 11.8 x 21.2 cm)
Output Wattage	10 Watts
Connector Type	RCA (Unbalanced), XLR (Balanced)
Compatible Devices	Smartphone, Speaker (via compatible transmitter)
Media Format	WAV
First Available Date	January 18, 2019

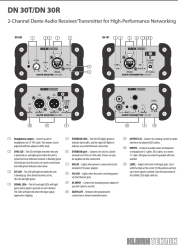
10. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Klark Teknik website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims. You can visit the Klark Teknik Store for more information:[Klark Teknik Store](#)



Related Documents - DW 20R

	<p>Klark Teknik AIR LINK DW 20R/DW 20T Quick Start Guide</p> <p>A concise guide to setting up and pairing the Klark Teknik AIR LINK DW 20R wireless receiver and DW 20T wireless transmitter for high-performance stereo audio broadcasting. Includes setup instructions, control descriptions, specifications, and compliance information.</p>
	<p>KLARK TEKNIK AIR LINK DW 20R/DW 20T Wireless Stereo System</p> <p>Discover the KLARK TEKNIK AIR LINK DW 20R/DW 20T, a 2.4 GHz wireless stereo receiver and transmitter system for high-performance audio broadcasting. This guide provides setup instructions and technical specifications.</p>
	<p>KLARK TEKNIK AIR LINK DW 20BR Bluetooth Receiver: Quick Start Guide and Specifications</p> <p>Comprehensive guide to the KLARK TEKNIK AIR LINK DW 20BR Bluetooth receiver, covering controls, setup instructions, connection notes, technical specifications, and FCC compliance information.</p>
	<p>Klark Teknik AIR LINK DW 20BR Quick Start Guide - Wireless Audio Receiver</p> <p>Get started with the Klark Teknik AIR LINK DW 20BR, a Bluetooth audio receiver. This guide covers controls, setup, specifications, and compliance information for seamless wireless audio streaming.</p>
	<p>Klark Teknik PRO DI 2 DI 20P Passive Stereo DI Box - Overview, Specifications, and Compliance</p> <p>Comprehensive guide to the Klark Teknik PRO DI 2 DI 20P passive stereo DI box, detailing its controls, technical specifications, FCC compliance, and legal information. Features Midas transformer and extended dynamic range for professional audio applications.</p>



Clark Teknik DN 30T/DN 30R: 2-Channel Dante Audio Receiver/Transmitter

Detailed specifications and overview of the Klark Teknik DN 30T and DN 30R, 2-channel Dante audio receiver and transmitter units for high-performance audio networking.