

Technical Pro UREC7

Technical Pro UREC7 Professional DJ 1U Rack Mountable USB/SD Recording Deck User Manual

Model: UREC7

1. INTRODUCTION

The Technical Pro UREC7 is a professional 1U rack-mountable USB/SD recording and playback device designed for high-quality audio capture and reproduction. It offers versatile connectivity and user-friendly controls, making it suitable for various applications including DJ sets, studio sessions, live event recording, and more.

This manual provides detailed instructions for setting up, operating, and maintaining your UREC7 unit. Please read it thoroughly before use to ensure optimal performance and longevity of the device.

2. PRODUCT OVERVIEW

2.1 Key Features

- 1U Rack Mountable Design: Integrates seamlessly into professional audio setups.
- USB/SD Card Recording & Playback: Supports USB flash drives and SD cards up to 32 GB.
- Multiple Audio Formats: Plays .mp3, .wav, and .wma files.
- Direct Recording: Records .mp3 files onto USB/SD from RCA or 1/8" (AUX) inputs.
- High-Quality Recording: 128 kbps / 44.1 KHz sampling rate for .mp3 recordings.
- Versatile Inputs: RCA and 1/8" (MP3/AUX) inputs for connecting various audio sources.
- RCA Line Output: For connecting to your sound system.
- Headphone Output: 1/8" headphone jack for monitoring.
- Front Panel Controls: Easy access to playback, pause, stop, next/previous track, bass, treble, and volume.
- LED Screen Display: Shows track title, track number, and elapsed time.
- Remote Control: For convenient operation from a distance (playback functions only).

2.2 What's in the Box

- Technical Pro UREC7 USB / SD Rack Mount Recorder Player Deck
- Power Cable
- Remote Control
- User Manual (this document)

3. CONTROLS AND CONNECTIONS

3.1 Front Panel Layout



Figure 3.1: Front Panel of the UREC7. This image displays the front of the Technical Pro UREC7, showing the power switch, USB and SD card slots, control buttons (play, pause, stop, next, previous, record), LED display, bass and treble knobs, headphone jack, and master volume control.

1. **Power Switch:** Toggles the unit on/off.
2. **USB Port:** For connecting USB flash drives (up to 32 GB).
3. **SD Card Slot:** For inserting SD cards (up to 32 GB).
4. **Control Buttons:** Includes Play/Pause, Stop, Next Track, Previous Track, and Record.
5. **LED Display:** Shows operational status, track information, and elapsed time.
6. **Bass Control:** Adjusts the low-frequency output.
7. **Treble Control:** Adjusts the high-frequency output.
8. **Headphone Output (1/8"):** For connecting headphones for audio monitoring.
9. **Volume Control:** Adjusts the master output volume.

3.2 Rear Panel Connections



Figure 3.2: Rear Panel of the UREC7. This image shows the back of the Technical Pro UREC7, highlighting the RCA input and output jacks, the voltage selector switch, and the power input.

1. **RCA Inputs (L/R):** For connecting external audio sources such as mixers, CD players, or instruments for recording.
2. **RCA Outputs (L/R):** For connecting the UREC7 to your amplifier, powered speakers, or sound system's audio input for playback.
3. **Voltage Selector (110V/220V):** Allows selection of the appropriate operating voltage. Ensure this is set correctly for your region before connecting power.
4. **Power Input:** For connecting the supplied power cable.

4. SETUP

Follow these steps to set up your Technical Pro UREC7 unit:

1. **Unpacking:** Carefully remove the UREC7 from its packaging. Retain the packaging for future transport or storage.
2. **Placement:** The UREC7 is designed for 1U rack mounting. Secure it in a standard 19-inch equipment rack

using appropriate rack screws. Ensure adequate ventilation around the unit. If not rack-mounting, place it on a stable, flat surface.

3. **Voltage Selection:** Before connecting the power cable, verify that the Voltage Selector switch on the rear panel is set to the correct voltage for your region (110V or 220V). Incorrect voltage selection can damage the unit.
4. **Audio Input Connection:**
 - For recording from an external audio source (e.g., mixer, CD player), connect the RCA output of your source device to the RCA INPUTS on the rear panel of the UREC7.
 - Alternatively, for portable devices, connect the 1/8" (AUX) output of your device to the 1/8" MP3 input on the front panel.
5. **Audio Output Connection:** Connect the RCA OUTPUTS on the rear panel of the UREC7 to the RCA input of your amplifier, powered speakers, or sound system.
6. **Power Connection:** Once all audio connections are made and the voltage is correctly selected, connect the supplied power cable to the Power Input on the rear panel of the UREC7 and then to a suitable AC power outlet.
7. **Initial Power On:** Press the Power switch on the front panel to turn on the unit. The LED display should illuminate.

5. OPERATION

5.1 Inserting USB Drive or SD Card



Figure 5.1: USB and SD Card Inputs. This image highlights the USB port and SD card slot on the front panel of the UREC7, where users can insert their storage devices.

Insert a USB flash drive or an SD card (up to 32 GB, formatted as FAT32) into the corresponding slot on the front panel. The unit will automatically detect the storage device.

5.2 Playback

1. Ensure a USB drive or SD card containing compatible audio files (.mp3, .wav, .wma) is inserted.
2. The LED display will show track information.
3. Press the **PLAY/PAUSE** button to start playback. Press again to pause.
4. Use the **NEXT TRACK** and **PREVIOUS TRACK** buttons to navigate between files.
5. Press the **STOP** button to end playback.
6. Adjust the **VOLUME** knob on the front panel to control the output level.
7. Use the **BASS** and **TREBLE** knobs to fine-tune the audio tone.
8. For private monitoring, connect headphones to the 1/8" Headphone Output.

5.3 Recording

The UREC7 records audio in .mp3 format at 128 kbps / 44.1 KHz sampling rate.

1. Ensure a USB drive or SD card with sufficient free space is inserted.
2. Connect your audio source (e.g., mixer, instrument) to the RCA INPUTS on the rear panel or the 1/8" MP3 input on the front panel.
3. Start playing the audio from your source device.
4. Press and hold the **REC** button on the front panel until "REC" appears on the display.
5. Immediately press the **REC** button again briefly to start recording. The display will show recording time.
6. To stop recording, press the **STOP** button. The recorded file will be saved to the USB drive or SD card with a sequential filename (e.g., 001.mp3).
7. *Note:* The remote control does not support recording functions. All recording operations must be performed directly on the unit's front panel.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Ensure that the ventilation openings are not blocked. Proper airflow is essential to prevent overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place, preferably in its original packaging.
- **Power Cord:** Regularly inspect the power cord for any damage. If damaged, replace it immediately with an approved cord.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet faulty; Voltage selector incorrect.	Ensure power cable is securely connected. Test power outlet. Verify Voltage Selector is set correctly (110V/220V).
No audio output	Incorrect output connection; Volume too low; Source device not playing.	Check RCA OUTPUTS connection to amplifier. Increase UREC7 volume. Ensure source device is playing and its volume is adequate.
Cannot record	No USB/SD card inserted; Card full or not formatted correctly; Incorrect recording procedure.	Insert a USB/SD card (max 32GB). Ensure card is FAT32 formatted and has free space. Follow recording steps precisely (press and hold REC, then brief press).
Poor recording quality	Input signal too low/high; Source audio quality.	Adjust input level from your source device to avoid distortion or low signal. Ensure source audio is clean.

Problem	Possible Cause	Solution
Remote control not working	Battery depleted; Line of sight blocked; Remote not for recording.	Replace remote battery. Ensure clear line of sight to the unit's IR receiver. Note that the remote only controls playback functions.

8. SPECIFICATIONS

Model	UREC7
Inputs	USB Flash Drive / SD Card (Up to 32 GB), RCA (L/R), 1/8" (AUX/MP3)
Outputs	RCA (Line Out L/R), 1/8" Headphone
Compatible File Formats	.mp3, .wav, .wma (for playback)
Recording Format	.mp3
Recording Quality	128 kbps / 44.1 KHz sampling rate
Frequency Response	20Hz-20KHz ±3dB
Signal to Noise Ratio	>90dB
Dimensions (W x H x D)	19" x 1.75" x 6.5" (48.26 cm x 4.45 cm x 16.51 cm)
Item Weight	3.4 pounds (1.54 kg)
Power Supply	110V / 220V (selectable)
Screen Size	1.8 Inches (LED Display)

9. WARRANTY AND SUPPORT

Technical Pro products are designed for reliability and professional craftsmanship. For warranty information and technical support, please refer to the warranty card included with your product or visit the official Technical Pro website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may contact Technical Pro customer service through their official channels. Please have your model number (UREC7) and purchase details ready.

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