

Klark Teknik DN32-LIVE

Klark Teknik DN32-LIVE SD/SDHC and USB 2.0 Expansion Module User Manual

Model: DN32-LIVE

1. INTRODUCTION

The Klark Teknik DN32-LIVE is an advanced expansion module designed to significantly enhance the recording and playback capabilities of compatible digital consoles, such as the Midas M32 and Behringer X32. This module facilitates 32-channel, 32-bit/48kHz recording directly to dual SD/SDHC cards, offering over three hours of continuous recording. It also supports direct recording to a computer via USB 2.0.

Key functionalities include multitrack audio capture, virtual soundchecks, integration of backing tracks, and the ability to set and manipulate markers. The DN32-LIVE also allows for remote operation through a computer, smart device, or dedicated control surface, providing flexible control over your audio workflow.



Figure 1: Front panel of the DN32-LIVE module, featuring USB 2.0 port and two SD/SDHC card slots with access indicators.

2. SETUP AND INSTALLATION

Before beginning installation, ensure your digital console is powered off and disconnected from the main power supply.

- Module Insertion:** Carefully align the DN32-LIVE module with the expansion slot on your Midas M32 or Behringer X32 console. Gently push the module into the slot until it is fully seated and secured.
- Securing the Module:** Use the provided screws to firmly attach the module to the console chassis. Ensure all screws are tightened to prevent movement during operation.
- SD/SDHC Card Insertion:** Insert compatible SD or SDHC cards into the designated slots (Slot 1 and Slot 2) on the front panel of the DN32-LIVE module. Ensure the cards are inserted correctly until they click into place. The "ACCESS" indicator lights will briefly illuminate upon successful insertion and during data access.

4. **USB Connection (Optional):** For direct recording to a computer, connect a standard USB 2.0 cable from the USB-B port on the DN32-LIVE module to an available USB port on your computer. Ensure the necessary drivers are installed on your computer (typically available from the Klark Teknik website).
5. **Power On:** Once the module is securely installed and any desired connections are made, reconnect your digital console to the power supply and power it on. The console should recognize the DN32-LIVE module automatically.



Figure 2: Close-up view of the DN32-LIVE's USB 2.0 port and SD/SDHC card slots.

3. OPERATING INSTRUCTIONS

The DN32-LIVE module offers versatile recording and playback functionalities. Refer to your digital console's main user manual for specific menu navigation and integration details.

3.1. Recording to SD/SDHC Cards

- **Card Preparation:** Ensure your SD/SDHC cards are formatted correctly (FAT32 recommended) for optimal performance.
- **Initiating Recording:** Access the recording menu on your digital console. Select the DN32-LIVE as the recording destination. Configure the desired number of channels (up to 32) and recording parameters (e.g., 32-bit/48kHz WAV).
- **Monitoring:** Observe the "ACCESS" indicator lights on the module. A blinking light indicates active data transfer (recording or playback).
- **Sample-Accurate Spanning:** For extended recording sessions, the module can automatically span recordings across both SD cards, providing seamless continuity for over 12 hours of 8-track recording or proportional durations for higher channel counts.
- **Stopping Recording:** Always stop recording through the console's interface before removing SD cards to prevent data corruption.

3.2. USB Audio Interface Functionality

- **Driver Installation:** Before connecting, ensure the appropriate USB audio drivers for the DN32-LIVE are installed on your Windows computer. These drivers are essential for the computer to recognize the module as an audio interface.
- **DAW Integration:** Open your preferred Digital Audio Workstation (DAW) software. Select the DN32-LIVE as your audio input/output device within the DAW's audio settings.
- **Recording:** You can now route up to 32 channels of audio from your console directly to your computer for recording, virtual soundchecks, or other applications.
- **Playback:** Audio from your computer can be routed back through the DN32-LIVE to your console for playback, backing tracks, or processing.

3.3. Remote Operation

The DN32-LIVE supports remote control capabilities, allowing you to manage recording and playback functions from a computer, smart device, or compatible control surface. This typically involves network connectivity between your console and the remote device, utilizing the console's existing network features. Consult your console's manual for detailed instructions on setting up remote control.

4. MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your DN32-LIVE module.

- **Cleaning:** Regularly wipe the module's exterior with a soft, dry, lint-free cloth. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish or internal components.
- **Dust Prevention:** Keep the module and console in a clean, dust-free environment. Dust can accumulate in ports and slots, potentially affecting connectivity and performance.
- **SD Card Care:** Handle SD/SDHC cards carefully. Avoid bending or scratching them. Store them in protective cases when not in use. Regularly back up important recordings from your SD cards to another storage medium.
- **Firmware Updates:** Periodically check the Klark Teknik website for firmware updates for the DN32-LIVE module. Firmware updates can improve performance, add features, or resolve issues. Follow the provided instructions carefully when performing updates.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with the DN32-LIVE module.

Problem	Possible Cause	Solution
Module not recognized by console.	Module not fully seated. Console firmware outdated. Module faulty.	Ensure module is securely inserted and screwed in. Check for and install console firmware updates. Contact Klark Teknik support if issue persists.
SD card recording errors.	Incorrect card format. Card capacity exceeded. Slow card write speed. Card faulty.	Format SD card to FAT32. Use higher capacity cards or span across both. Use high-speed SD/SDHC cards (Class 10 or higher). Try a different SD card.
USB recording not working.	Missing/incorrect USB drivers. Incorrect DAW settings. Faulty USB cable/port.	Install latest Klark Teknik USB drivers. Verify DN32-LIVE is selected as audio device in DAW. Try a different USB cable or port on your computer.

6. SPECIFICATIONS

Feature	Detail
Model	DN32-LIVE
Recording Channels	32 channels
Recording Format	32-bit/48kHz WAV (uncompressed)
Storage Media	Dual SD/SDHC card slots
USB Interface	USB 2.0
Compatible Consoles	Midas M32, Behringer X32 (and compatible variants)
Item Weight	9.9 ounces (approx. 280 grams)

Feature	Detail
Product Dimensions (L x W x H)	8.05 x 6.8 x 2.15 inches (approx. 20.45 x 17.27 x 5.46 cm)
Compatible Operating Systems	Windows (for USB functionality)
Power Source	Powered by host console

7. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Klark Teknik website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Klark Teknik Official Website: www.klarktechnik.com

For driver downloads, firmware updates, and additional resources, visit the product support section on the official website.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question