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› Night Owl 20-Channel 4K DVR with 2TB Hard Drive User Manual (Model DVR-FTD8-162)

Night Owl DVR-FTD8-162

Night Owl 20-Channel 4K DVR with 2TB Hard Drive User Manual

Model: DVR-FTD8-162

INTRODUCTION

This manual provides instructions for the Night Owl 20-Channel 4K Video Home Security DVR with a 2TB Hard Drive. This system allows for comprehensive surveillance with support for up to 20 cameras, including 16 wired BNC cameras and 4 Wi-Fi devices. Key features include 2-way audio, secure local data storage, and remote viewing via the Night Owl mobile app.

20
Channels

2TB
SATA HDD

4K
Resolution



Image: The Night Owl 20-Channel 4K DVR unit, highlighting its capabilities: 20 Channels, 2TB SATA HDD, and 4K Resolution.

SETUP

Follow these steps to set up your Night Owl DVR system.

1. **Unboxing and Initial Placement:** Carefully unbox the DVR and place it in a secure, well-ventilated location.
2. **Connecting Wired Cameras:** Connect your compatible Night Owl 2-way audio 4K wired BNC cameras (FTD8 series) to the DVR using the provided cables. The DVR supports up to 16 wired cameras. If upgrading an existing system, you may use your current DVR cabling.
3. **Connecting Wi-Fi Devices:** The DVR supports adding up to 4 compatible Night Owl 4K Wi-Fi devices. Refer to the specific Wi-Fi device's manual for pairing instructions.
4. **Power Connection:** Connect the power adapter to the DVR and then to a power outlet.
5. **Monitor Connection:** Connect a monitor to the DVR via the HDMI port for local viewing and configuration.
6. **Network Connection:** Connect an Ethernet cable from the DVR to your router for internet access, enabling remote viewing and app functionality.
7. **App-Based Bluetooth Setup:** Download the free Night Owl mobile app. Use the secure app-based Bluetooth setup process to pair your DVR with your mobile device for initial configuration and remote access.



Image: A graphic illustrating the ease of setup for the Night Owl security system.

20
Channels
16 Wired + 4 Wi-Fi



Expandable 4K Wired DVR

Add up to a Total of 16 Wired BNC Cameras + 4 Night Owl® Compatible Wi-Fi Devices

Image: The rear panel of the Night Owl DVR, displaying 16 wired camera inputs, HDMI, USB ports, LAN, and power input, indicating its expandability for 16 wired and 4 Wi-Fi channels.

OPERATING INSTRUCTIONS

Learn how to use the various features of your Night Owl DVR system.

- **2-Way Audio:** Utilize the 2-way audio feature through the Night Owl mobile app. This allows you to hear audio from your cameras and speak through the camera's speaker, enhancing communication and deterrence.
- **Mobile App Viewing:** The free Night Owl mobile app provides 24/7 access to your security system.

Features include:

- Live View: Monitor all connected cameras in real-time.
 - Playback: Review recorded footage stored on the DVR's hard drive.
 - Save and Share: Export important video clips directly from the app.
 - Multi-Channel Viewing: View multiple camera feeds simultaneously.
 - Real-Time Alerts: Receive instant notifications for detected events.
- **Local Access:** Connect a mouse to the DVR's USB port and use the connected monitor to navigate the DVR's on-screen menu for system configuration, live viewing, and playback without needing the mobile app or internet connection.



DVR requires compatible Night Owl® Cameras - Sold Separately

Image: A user interacting with the Night Owl mobile app to utilize the 2-way audio feature, demonstrating communication through the security camera.

FREE NIGHT OWL®

Mobile App

- Secure App-Based Bluetooth Setup
- Single Sign-On
- Live View
- Playback
- Save and Share
- Multi-Channel Viewing Options

Real-Time Alerts



Image: The Night Owl mobile app interface displayed on a smartphone, showing live view, event notifications, and playback options.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your DVR system.

- **Hard Drive Management:** The DVR includes a 2TB hard drive for local storage. Ensure the hard drive has sufficient space. The system automatically overwrites the oldest footage when the drive is full. Regularly back up critical footage to an external device if needed.
- **Secure Data:** All recordings are stored locally on the DVR's hard drive via a secure wired connection, meaning no internet is required for recording. This ensures your data remains private and under your control.
- **Firmware Updates:** Periodically check the Night Owl support website for firmware updates for your DVR. Updates can improve performance, add features, and enhance security.
- **Cleaning:** Keep the DVR unit clean and free from dust. Use a soft, dry cloth. Do not use liquid cleaners directly on the unit. Ensure ventilation openings are not obstructed.



No Monthly Fees

No mandatory post-purchase fees with free local storage to your secure hard drive and private 24/7 access

Image: The Night Owl DVR unit with its casing open, revealing the internal 2TB hard drive, emphasizing local storage and no monthly fees.

TROUBLESHOOTING

Refer to these common issues and solutions before contacting support.

- **No Video Display:**

- Ensure all camera cables are securely connected to the DVR and the cameras.
- Verify that the camera is powered on and compatible with your DVR model (FTD8 series for wired BNC).
- Check the HDMI cable connection to your monitor and ensure the monitor is set to the correct input.

- **App Connection Issues:**

- Confirm the DVR is connected to the internet via an Ethernet cable.
- Ensure your mobile device has a stable internet connection.
- Restart both the DVR and your mobile app.
- Verify that the app is updated to the latest version.

- **2-Way Audio Not Working:**

- Check camera settings in the DVR menu or app to ensure audio recording and two-way audio are enabled.
- Ensure your mobile device's microphone and speaker are functioning correctly and app permissions are granted.

- **Difficulty Exporting Footage:**

- When exporting, select the specific event or time period. Note that some systems may limit exports to individual events per camera.
- Use a USB flash drive formatted to FAT32 for best compatibility.

SPECIFICATIONS

Feature	Specification
Model Number	DVR-FTD8-162
Number of Channels	20 (16 Wired BNC + 4 Wi-Fi)
Hard Drive Size	2 TB (2000 GB)
Video Resolution	4K (with compatible cameras)
Connectivity Technology	Ethernet, HDMI, USB
Compatible Devices	Camera, Smartphone, Tablet, Laptop
Audio Input	Microphone (via compatible cameras)
Total USB Ports	1
Video Input	BNC, HDMI, USB
Smart Home Compatibility	Smart Home Compatible
UPC	816522026059

WARRANTY AND SUPPORT

For warranty information and technical assistance, please visit the official Night Owl support website or contact their customer service. Keep your purchase receipt and model number (DVR-FTD8-162) handy when seeking support.

Night Owl Support: nightowlsp.com/support