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> Night Owl 2-Way Audio 12 Channel 4K DVR with 2TB Hard Drive Instruction Manual

Night Owl DVR-FTD8-82

Night Owl 2-Way Audio 12 Channel 4K DVR with 2TB Hard Drive

Model: DVR-FTD8-82

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Night Owl 2-Way Audio 12 Channel 4K DVR with 2TB Hard Drive. This Digital Video Recorder (DVR) is designed to provide advanced surveillance capabilities, including 4K resolution recording, 2-way audio communication, and support for up to 12 channels (8 wired BNC and 4 Wi-Fi devices).



Image 1.1: Front view of the Night Owl 2-Way Audio 12 Channel 4K DVR. The device is black with a sleek, angular design on the front panel, featuring the Night Owl logo on the right side.



Image 1.2: The Night Owl DVR with text overlays indicating its key features: "12 Channels", "2TB SATA HDD", and "4K Resolution". This image highlights the core capabilities of the DVR system.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully unpack all components from the box. Verify that the DVR unit, power adapter, mouse, Ethernet cable, and any included documentation are present. Inspect all items for any signs of damage. If any items are missing or damaged, contact Night Owl support immediately.

2.2 Hard Drive Installation (If Applicable)

Your DVR model includes a pre-installed 2TB hard drive. If you are using a model with customizable storage or need to replace the hard drive, follow these steps:

1. Ensure the DVR is powered off and disconnected from the power source.
2. Remove the top cover of the DVR by unscrewing the retaining screws.
3. Carefully connect the SATA data and power cables to the new hard drive.
4. Secure the hard drive within the DVR chassis using the provided screws.
5. Replace the top cover and secure it with the screws.



No Monthly Fees

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

Image 2.1: An exploded view of the Night Owl DVR showing the internal hard drive bay and a hard disk drive being placed or removed. This illustrates the process for hard drive installation or replacement.

2.3 Connecting Cameras and Peripherals

Connect your wired BNC cameras to the corresponding BNC input ports on the rear of the DVR. Connect the included mouse to a USB port. If using a monitor, connect it via the HDMI or VGA port. For network access, connect an Ethernet cable from the DVR to your router.

12
Channels
8 Wired + 4 Wi-Fi



Expandable 4K Wired DVR

Add up to a Total of 8 Wired BNC Cameras + 4 Night Owl® Compatible Wi-Fi Devices

Image 2.2: Rear view of the Night Owl DVR, displaying various connection ports. These include 8 BNC inputs for wired cameras, HDMI output, two USB ports, a LAN port for network connection, and a power input. Text indicates support for "12 Channels: 8 Wired + 4 Wi-Fi".



Image 2.3: A white Night Owl security camera with a black lens, positioned against a backdrop of an American flag and a sunset. This image represents the compatible cameras that can be connected to the DVR system.

2.4 Powering On and App Configuration

Connect the power adapter to the DVR and an electrical outlet. The DVR will power on automatically. Download the free Night Owl mobile app from your device's app store. Follow the in-app instructions to pair your DVR using Bluetooth for a secure and easy setup process.

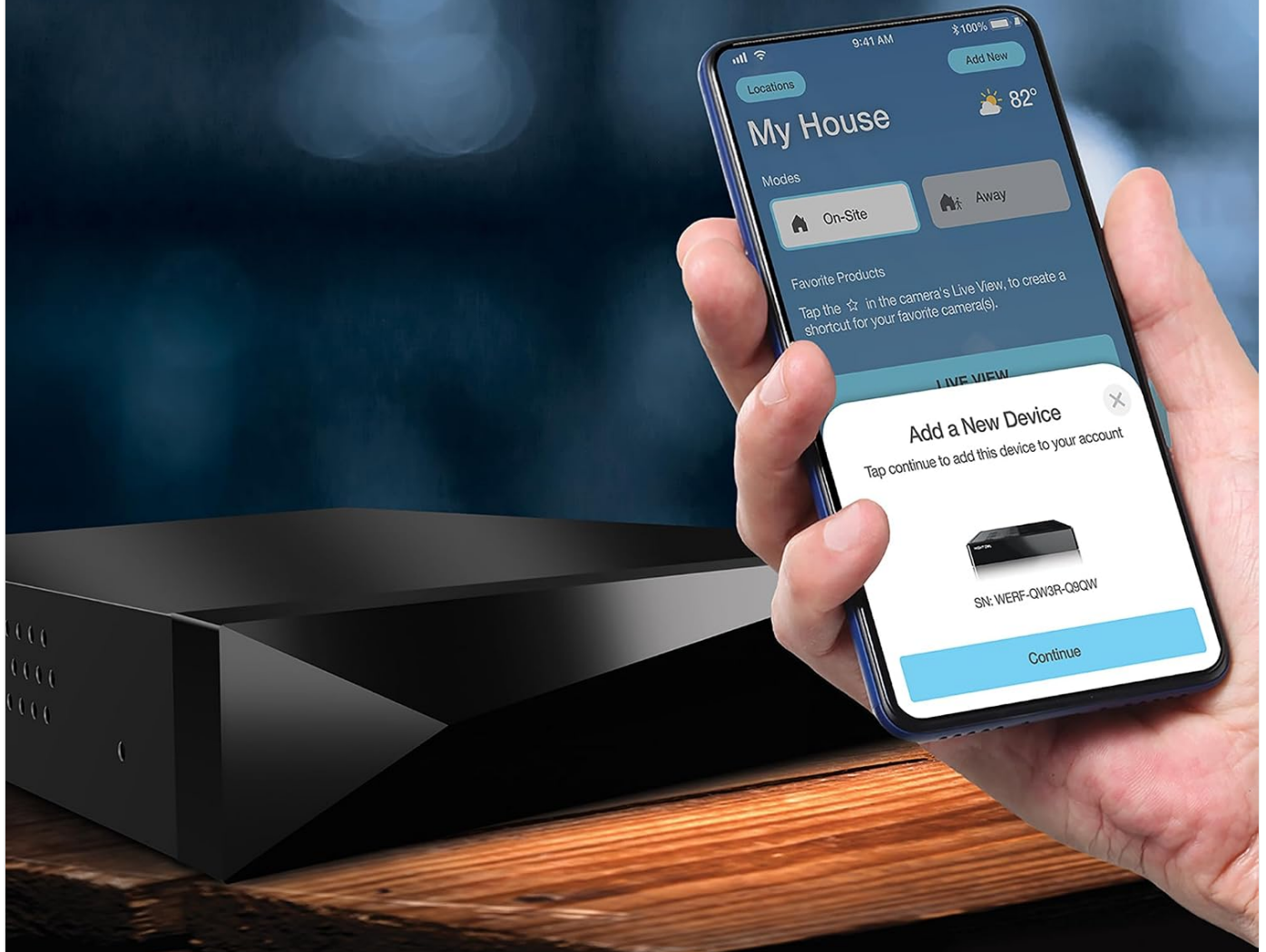


Image 2.4: A smartphone screen displaying the Night Owl mobile app's "Add a New Device" interface, with a Bluetooth logo prominently featured. This illustrates the simple, app-based Bluetooth setup process for the DVR.

3. OPERATING INSTRUCTIONS

3.1 2-Way Audio Functionality

The DVR supports 2-way audio with compatible cameras. This feature allows you to not only hear audio from your camera's location but also speak through the camera using the Night Owl mobile app. This is useful for communicating with visitors or deterring intruders.



Image 3.1: A visual representation of the 2-way audio feature. It shows a person at a door being addressed via a security camera, and another person interacting with the system through the Night Owl mobile app on a smartphone. This demonstrates real-time communication.

3.2 Mobile App Features

The Night Owl mobile app provides comprehensive control and monitoring capabilities:

- **Live View:** Access real-time video feeds from all connected cameras.
- **Playback:** Review recorded footage stored on the DVR's hard drive.
- **Real-Time Alerts:** Receive instant notifications on your smartphone for detected motion or events.
- **Multi-Channel Viewing:** View multiple camera feeds simultaneously.
- **Secure Single Sign-On:** Access your system securely.

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 3.2: A smartphone displaying the Night Owl mobile app interface. The screen shows a live view from a camera, event timelines, and options for recording, talking, and playback. A notification banner indicates a detected event.

3.3 Recording and Storage

The DVR utilizes a 2TB hard drive for local storage of all recordings. This wired connection ensures data privacy and security, as no internet connection is required for recording. Recordings are typically triggered by motion detection or can be set for continuous recording.

3.4 Expanding Your System

The DVR supports expansion with additional cameras:

- **Wired BNC Cameras:** Add up to 8 compatible Night Owl 2-way audio 4K wired BNC cameras (FTD8 series).
- **Wi-Fi Devices:** Integrate up to 4 compatible Night Owl 4K Wi-Fi devices to expand your viewing area wirelessly.

4. MAINTENANCE

4.1 General Care

Keep the DVR in a cool, dry, and well-ventilated area. Avoid exposing it to direct sunlight, extreme temperatures, or high humidity. Do not block ventilation openings on the DVR.

4.2 Cleaning

To clean the DVR, disconnect it from the power source. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosol sprays, as they may damage the internal components.

4.3 Software Updates

Periodically check the Night Owl website or mobile app for available firmware updates. Keeping your DVR's software up-to-date ensures optimal performance, security, and access to new features.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Night Owl DVR.

5.1 No Power

- Ensure the power adapter is securely connected to the DVR and a working electrical outlet.
- Verify the power outlet is functional by plugging in another device.
- If using a power strip or surge protector, ensure it is turned on and functioning correctly.

5.2 No Video Output

- Check the HDMI or VGA cable connection between the DVR and your monitor.
- Ensure the monitor is powered on and set to the correct input source.
- Verify that cameras are properly connected to the DVR's BNC ports.
- If using Wi-Fi cameras, ensure they are properly paired and have a stable network connection.

5.3 Network Connection Issues

- Confirm the Ethernet cable is securely connected to both the DVR and your router.
- Restart your router and modem.
- Check your router's settings to ensure the DVR is assigned an IP address.
- Ensure your mobile device has a stable internet connection when accessing the app remotely.

5.4 2-Way Audio Not Working

- Ensure you are using compatible Night Owl 2-way audio cameras.
- Check microphone and speaker settings within the DVR interface or mobile app.
- Verify that the camera's audio components are not obstructed or damaged.

6. SPECIFICATIONS

Feature	Detail
Model Number	DVR-FTD8-82
Number of Channels	12 (8 Wired BNC, 4 Wi-Fi)
Memory Storage Capacity	2000 GB (2 TB)
Connectivity Technology	Ethernet, HDMI, USB

Feature	Detail
Compatible Devices	Night Owl Cameras
Media Format Digital Video	HDD
Audio Input	Microphone
Total USB Ports	1
Video Input	BNC, HDMI, USB
Smart Home Compatibility	Smart Home Compatible
Item Weight	2.04 Kilograms
UPC	816522026035

6.1 Camera Compatibility

Refer to the compatibility chart below to ensure your cameras are compatible with this DVR model. This DVR supports both wired BNC cameras and Night Owl Wi-Fi cameras.

NIGHT OWL	Wired Cameras						Wi-Fi Cameras (For Wi-Fi Expandability)								
	FTD4 (2K)		FTD8 (4K)		FTN8 (4K)		BWNIIP2 (1080p)	WNIIP2 (1080p)	FWIP2 (1080p)	FWIP3 (3MP)	FWIP3 (3MP)	EBWNIIP4U (2K)	FWIP4 (2K)	WNIIP8 (4K)	FWIP8 (4K)
Series															
Wired DVR FTD2 (1080p)	✓	✓	✗	✗	✗	✗	✗	✓	✓	✓	✓	✗	✓	✓	✓
Wired DVR FTD4 (2K)	✓	✓	✗	✗	✗	✗	✗	✓	✗	✗	✗	✓	✓	✓	✓
Wired DVR FTD8 (4K)	✓	✓	✓	✓	✗	✗	✗	✓	✓	✓	✗	✓	✓	✓	✓
Wired NVR FTN8 (4K)	✗	✗	✗	✗	✓	✓	✗	✓	✗	✗	✗	✓	✓	✓	✓
Camera Model #s	CAM-2PK-FTM CAM-FTD4-NBC-B	CAM-2PK-FTD4M CAM-FTD4M-NBC-B CAM-4PK-FTD8-B	CAM-2PK-FTD8 CAM-FTD8-NBC-B CAM-4PK-FTD8-B	CAM-2PK-FTD8M CAM-FTD8M-NBC-B CAM-4PK-FTD8M-B	CAM-FTN8-BU CAM-2PK-FTN8-BU-B CL-CAM-2PK-FTN8-BU-B CAM-FTN8-NBC-BU	CAM-FTN8-DM CAM-FTN8-DM-BU CAM-2PK-FTN8-DM-B CL-CAM-2PK-FTN8-DM-B	CAM-8INIP2LEU-B CAM-8INIP2LEU-R	CAM-2PK-WNIIP2LEU CAM-WNIIP2LEU CAM-WNIIP2LEU-WI CAM-WNIIP2LEU	CAM-FWIP2LEU CAM-2PK-FWIP2LEU CL-CAM-2PK-FWIP2LEU	CAM-FWIP3-FL CAM-FWIP3-FL	CAM-8INIP4U-IP CAM-8INIP4U-IP-B CAM-2PK-8INIP4U-IP CAM-2PK-8INIP4U-IP-B	CAM-FWIP4 CAM-2PK-FWIP4L CL-CAM-2PK-FWIP4L	CAM-WNIIP8LEU CAM-WNIIP8LEU-B CAM-2PK-WNIIP8LEU CAM-2PK-WNIIP8LEU	CAM-FWIP8LEU CAM-FWIP8LEU-B CAM-2PK-FWIP8LEU CAM-2PK-FWIP8LEU	CAM-FWIP8LEU CAM-FWIP8LEU-B CAM-2PK-FWIP8LEU CAM-2PK-FWIP8LEU

IMPORTANT: The Series can be located on the product support sticker on your recorder or camera.

Image 6.1: A detailed compatibility chart for Night Owl Wired Recorders, including the FTD8 series DVR. The chart lists various wired and Wi-Fi camera models and indicates their compatibility with different DVR/NVR series using checkmarks and crosses.

7. WARRANTY INFORMATION

Night Owl products typically come with a limited manufacturer's warranty. For specific details regarding the warranty period and terms for your DVR-FTD8-82 model, please refer to the warranty card included in your product packaging or visit the official Night Owl website. Keep your proof of purchase for warranty claims.

8. CUSTOMER SUPPORT

If you require further assistance or encounter issues not covered in this manual, please contact Night Owl customer support. Support resources, including FAQs, troubleshooting guides, and contact information, are available on the official Night Owl website. Ensure you have your model number (DVR-FTD8-82) and serial number ready when contacting support.

