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› Ocean Digital WiFi/FM Internet Radio WR230S Alarm Clock Radio with Bluetooth Receiver & Ethernet Port, Stereo Speakers, Line Out, Aux in, 20,000+ Stations, 2.4" Color Display- Black in Wooden Case

## Ocean Digital ODT WR230S US

# User Manual

## OCEAN DIGITAL WiFi/FM INTERNET RADIO WR230S

Model: ODT WR230S US

### Introduction

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The Ocean Digital WR230S is an all-in-one internet radio designed to provide a comprehensive audio experience. It combines internet radio, FM radio, Bluetooth connectivity, and network media streaming capabilities. Featuring a sleek wooden case and dual stereo speakers, it is suitable for various home environments. This manual provides detailed instructions for setting up, operating, and maintaining your WR230S radio.



*Image: The Ocean Digital WR230S Internet Radio, showcasing its black wooden finish, front display, control knobs, and included remote control.*

## Package Contents

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Please check the package contents upon unboxing to ensure all items are present:

- Ocean Digital WR230S Internet Radio Unit
- Remote Control
- Power Adapter (9V 2A)
- User Manual (this document)
- Auxiliary Cable (3.5mm)



Image: All items included in the Ocean Digital WR230S package: the radio unit, remote control, power adapter, auxiliary cable, and user manual.

## Product Features Overview

The WR230S offers a wide array of features for versatile audio entertainment:



Internet Radio



DAB+/DAB  
(Region  
Dependent)



FM Radio



Bluetooth  
Receiver



Ethernet RJ45  
Port



Dual Stereo  
Speakers



Aux-In



Line-out



Dual Alarm  
Clock



UPnP/DLNA  
Compatible

*Image: A collage of icons representing the key features of the WR230S, including Internet Radio, DAB+/DAB, FM Radio, Bluetooth, Ethernet, Dual Stereo Speakers, Aux-In, Line-out, Dual Alarm Clock, and UPnP/DLNA compatibility.*

## Setup

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### 1. Power Connection

Connect the supplied power adapter to the DC IN port on the back of the radio. Plug the other end of the adapter into a standard wall outlet (100-240V~50/60Hz). The radio will power on automatically or can be switched on using the power button.



Image: The rear panel of the WR230S, highlighting the various input and output ports including DC IN, LAN (Ethernet), Aux-In, Audio Out, and Headphone jack.

## 2. Network Connection

The WR230S supports both wireless (Wi-Fi) and wired (Ethernet) network connections for internet radio and media streaming.

### Wireless (Wi-Fi) Connection:

1. Upon first power-on, the radio will prompt you to set up the network.
2. Select "Wireless Network" from the menu.
3. The radio will scan for available Wi-Fi networks. Select your network from the list.
4. Enter your Wi-Fi password using the controls on the radio or remote. Confirm the password.
5. Once connected, the radio will display a confirmation message.

### Wired (Ethernet RJ45) Connection:

1. Connect one end of an Ethernet cable (RJ45) to the LAN port on the back of the radio.
2. Connect the other end of the Ethernet cable to an available LAN port on your router or network switch.
3. The radio will automatically detect the wired connection and configure itself.

# Wired LAN Connection(LAN RJ45)



Image: A visual guide illustrating how to establish a wired LAN connection to the WR230S, showing a router, an Ethernet cable, and the radio's LAN port.

## 3. Initial Configuration

After establishing a network connection, the radio may prompt you to set the time and date. You can choose to auto-set the time and date via the internet or set it manually. Select your preferred language from the multi-language menu display (English, French, Spanish, Italian, German, Dutch, Polish, Russian).

## Operating Instructions

### Basic Navigation

Use the control knob on the front panel or the remote control to navigate through menus and select options. The 2.4" color display provides visual feedback.

### Internet Radio Mode

1. From the main menu, select "Internet Radio".
2. You can browse stations by location, genre, or search for specific stations.
3. To save a station to your favorites, press the "Favorite" button (heart icon) on the radio or remote. The radio supports

up to 99 favorite presets.

4. To access your saved favorites, select "My Favorites" from the Internet Radio menu.

## FM Radio Mode

1. Extend the telescopic antenna on the back of the radio for optimal reception.
2. Select "FM Radio" from the main menu.
3. Use the tuning knob or remote control buttons to scan for FM stations (frequency range: 87.5-108MHz).
4. You can manually tune or perform an auto-scan to find available stations.

## Bluetooth Mode

1. Select "Bluetooth" from the main menu. The radio will enter pairing mode and become discoverable.
2. On your Bluetooth-enabled device (e.g., smartphone, tablet), search for "Ocean Digital WR230S" in the Bluetooth settings.
3. Select the radio to pair. Once connected, you can stream audio from your device to the WR230S.
4. *Note: The radio acts as a Bluetooth receiver only; it cannot connect to wireless headphones or speakers.*

## Aux-in Mode

1. Connect an external audio device (e.g., MP3 player, CD player) to the 3.5mm Aux-in jack on the back of the radio using an auxiliary cable.
2. Select "Aux-in" from the main menu.
3. Audio from the connected device will now play through the radio's speakers.

## Alarm Clock and Sleep Timer

- **Dual Alarm Clock:** Access the alarm settings from the main menu. You can set two independent alarms, choose to wake to a tone or your favorite radio station, and configure repeated time settings.
- **Sleep Timer:** Set a timer for the radio to automatically turn off after a specified duration. This is useful for falling asleep to music.

## Equalizer Settings

Customize the audio output by adjusting the equalizer settings. Navigate to the "Equalizer" option in the system settings to select from preset modes or create a custom sound profile.

## Language Settings

Change the display language of the radio through the system settings. Available languages include English, French, Spanish, Italian, German, Dutch, Polish, and Russian.

## Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the radio's surface. Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- **Placement:** Place the radio on a stable, flat surface. Avoid placing it in direct sunlight, near heat sources, or in areas with high humidity. Ensure adequate ventilation around the unit.
- **Antenna:** Handle the telescopic antenna carefully to avoid bending or breaking it.

## Troubleshooting

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty outlet.	Ensure power adapter is securely connected to the radio and a working power outlet.
Cannot connect to Wi-Fi	Incorrect password, weak signal, or router issue.	Verify Wi-Fi password. Move radio closer to router. Restart router. Check network settings on radio.
Poor FM reception	Antenna not extended or environmental interference.	Fully extend the telescopic antenna. Try repositioning the radio. Avoid placing near large metal objects or other electronic devices.
Bluetooth device won't pair	Radio not in pairing mode, device too far, or device already paired elsewhere.	Ensure radio is in Bluetooth mode and discoverable. Keep devices within 10 meters. Disconnect from other Bluetooth devices.
No sound	Volume too low, mute enabled, or incorrect mode selected.	Increase volume. Check if mute is active. Ensure the correct input mode (Internet Radio, FM, Bluetooth, Aux-in) is selected.

## Technical Specifications

<b>Model Number</b>	ODT WR230S US
<b>Power Input</b>	9V 2A
<b>Power Voltage</b>	100-240V~50/60Hz
<b>Wireless Network</b>	IEEE802.11b/g/n, 2.4 GHz
<b>Security Protocol</b>	WEP/WPA/WPA2
<b>Ethernet Connection</b>	10/100 Mbps RJ45
<b>Bluetooth Version</b>	V4.2 BR/EDR compliant
<b>Bluetooth Range</b>	10 meters (line of sight)
<b>DAB Frequency Range</b>	174.928MHz (5A) - 239.200MHz (13F)
<b>FM Frequency Range</b>	87.5-108MHz
<b>Audio Output</b>	3.5 mm stereo earphone jack, 3.5 mm stereo line-out jack
<b>Audio Input</b>	3.5mm aux-in jack
<b>Antenna</b>	Telescopic
<b>Unit Dimensions (L x D x H)</b>	295 x 143 x 115 mm
<b>Unit Weight</b>	2.34 kg
<b>Material</b>	Wood

<b>Color</b>	Black
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## Support

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For any questions, technical assistance, or to request the addition of specific radio stations, please contact Ocean Digital customer support. We are committed to providing assistance to ensure your satisfaction with the WR230S. Please refer to the contact information provided on the official Ocean Digital website or the product packaging for the most up-to-date support channels.