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## Hama DIR3100MS

# Hama DIR3100MS Digital Radio User Manual

Model: DIR3100MS

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Hama DIR3100MS Digital Radio. Please read these instructions carefully before using the device to ensure proper setup and functionality. Keep this manual in a safe place for future reference.

## 2. SAFETY INFORMATION

- Do not open the device. Risk of electric shock.
- Do not expose the device to moisture or direct sunlight.
- Use the device only in dry indoor environments.
- Ensure adequate ventilation around the device.
- Disconnect the device from the power supply during thunderstorms or prolonged periods of non-use.
- Only use the provided power adapter.

## 3. PACKAGE CONTENTS

Verify that all items are present and in good condition:

- 1 Hama DIR3100MS Digital Internet Radio
- 1 Remote Control (with 2 AAA batteries)
- 1 Telescopic Antenna (interchangeable)
- 1 Power Adapter (integrated)
- 1 User Manual

## 4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Hama DIR3100MS Digital Radio.



Image: Front view of the Hama DIR3100MS Digital Radio, showcasing the display, control knobs, buttons, and an extended telescopic antenna. The remote control is also visible next to the radio.

## Front Panel Controls:

- **Display:** 2.8-inch color screen for information and navigation.
- **Volume Knob:** Adjusts audio output level.
- **Navigation Knob/Enter:** For menu navigation and selection.
- **Function Buttons:** Power, Mode, Info, Preset, Alarm, Menu.

## Rear Panel Connections:

- **Antenna Connector:** For the telescopic antenna.
- **LAN (RJ-45) Port:** For wired network connection.
- **USB A 2.0 Port:** For media playback and charging.
- **Line-in (3.5mm):** For connecting external audio sources.
- **Line-out (3.5mm):** For connecting to external amplifiers or speakers.
- **Headphone Output:** For private listening.
- **Power Input:** For connecting the integrated power supply.

## 5. SETUP

### 5.1 Power Connection

1. Connect the power cable to the power input on the rear of the radio.
2. Plug the power adapter into a suitable electrical outlet.

3. The radio will power on or enter standby mode.

## 5.2 Antenna Connection

For optimal DAB+ and FM reception, connect the telescopic antenna to the antenna connector on the rear of the radio. Extend the antenna fully for best signal quality.



Image: The Hama DIR3100MS Digital Radio with its telescopic antenna fully extended, positioned for optimal signal reception.

## 5.3 Network Connection (WLAN/LAN)

The DIR3100MS supports both wireless (Wi-Fi) and wired (LAN) network connections for internet radio and streaming services.

### WLAN (Wi-Fi) Connection:

1. Upon first power-on, the radio will guide you through the network setup.
2. Select "WLAN" from the network options.
3. The radio will scan for available Wi-Fi networks.
4. Select your network from the list and enter the password using the navigation knob and display.
5. The radio supports 2.4 GHz and 5 GHz dual-band frequencies for stable connection.

### LAN (Wired) Connection:

1. Connect an Ethernet cable from your router to the RJ-45 LAN port on the rear of the radio.

2. The radio will automatically detect the wired connection.

## 5.4 Initial Setup Wizard

After establishing a network connection, the radio will guide you through initial settings such as date, time, and language. Follow the on-screen prompts.

# 6. OPERATING INSTRUCTIONS

## 6.1 Basic Operation

- **Power On/Off:** Press the **Power** button.
- **Volume Adjustment:** Rotate the **Volume** knob.
- **Mode Selection:** Press the **Mode** button to cycle through available modes (Internet Radio, DAB+, FM, USB, Spotify Connect, Multiroom).



Image: The Hama DIR3100MS Digital Radio displaying "BBC Radio 1" on its color screen, indicating active radio playback.

## 6.2 Internet Radio

Access over 20,000 radio stations and 10,000 podcasts worldwide.

1. Select "Internet Radio" mode.
2. Use the navigation knob to browse by location, genre, or search for specific stations.
3. Press the **Enter** button to select a station.
4. To save a station as a preset, press and hold the **Preset** button, then select a memory slot. The radio supports 30 memory slots.

## 6.3 DAB+ / FM Radio

Listen to digital (DAB+) and analog (FM) radio broadcasts.

1. Select "DAB+" or "FM" mode.
2. For DAB+, the radio will perform an automatic scan for available stations.
3. For FM, use the navigation knob to tune manually or perform an auto-scan.
4. Save favorite stations using the **Preset** button.

## 6.4 USB Playback

Play audio files from a USB flash drive or other external storage devices.

1. Insert your USB device into the USB A 2.0 port.
2. Select "USB" mode.
3. Navigate through folders and select your desired audio files.

## 6.5 Spotify Connect

Stream music directly from your Spotify account to the radio.

1. Ensure your radio and smartphone/tablet are on the same Wi-Fi network.
2. Open the Spotify app on your device.
3. Play a song and select the "Devices Available" icon.
4. Choose your Hama DIR3100MS from the list.

## 6.6 Multiroom Function (UNDOK)

Distribute audio to compatible speakers within your home network using the UNDOK app.

1. Download the UNDOK app to your smartphone or tablet.
2. Ensure all compatible devices are connected to the same network.
3. Use the UNDOK app to group devices and control audio playback across multiple rooms.

## 6.7 Alarm and Sleep Timer

- **Alarm:** Press the **Alarm** button to set up to two independent alarms with customizable sources (buzzer, internet radio, DAB+, FM) and schedules.
- **Sleep Timer:** Access the sleep timer function via the menu to set a countdown for the radio to automatically switch off.

## 6.8 Using the Remote Control

The included remote control provides convenient access to all major functions. Insert the two AAA batteries as indicated in the battery compartment.

## 6.9 Using the UNDOK App

The free UNDOK app allows for remote control of your radio via smartphone or tablet, offering enhanced navigation and control features.

1. Download the "UNDOK" app from your device's app store.
2. Ensure your smartphone/tablet and the radio are connected to the same Wi-Fi network.
3. Launch the app and follow the on-screen instructions to connect to your radio.

# 7. MAINTENANCE

## 7.1 Cleaning

- Always disconnect the device from the power supply before cleaning.
- Use a dry, soft, lint-free cloth to clean the exterior surfaces.
- Do not use abrasive cleaners, solvents, or chemical cleaning agents.

## 7.2 Storage

If storing the device for an extended period, ensure it is clean, dry, and stored in a cool, dust-free environment. Remove batteries from the remote control if not used for a long time.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; power outlet faulty.	Check power cable connection; try a different outlet.
No internet connection	Incorrect Wi-Fi password; router issue; radio too far from router.	Verify Wi-Fi password; restart router; move radio closer to router or use LAN cable.
Poor DAB+/FM reception	Antenna not extended; weak signal area.	Extend antenna fully; reposition radio for better signal.
USB playback not working	Unsupported file format; USB device not recognized.	Ensure audio files are in a supported format; try a different USB device.
Remote control not working	Batteries depleted or incorrectly inserted; obstruction.	Replace batteries; check battery polarity; ensure clear line of sight to radio.

## 9. SPECIFICATIONS

<b>Model</b>	DIR3100MS
<b>Brand</b>	Hama
<b>Color</b>	Black
<b>Dimensions (W x D x H)</b>	29.3 x 14.5 x 12.3 cm
<b>Weight</b>	1.47 kg
<b>Display Size</b>	2.8 inches
<b>Speaker Type</b>	Stereo
<b>Output Power (RMS)</b>	10 W
<b>Connectivity</b>	Wi-Fi (2.4/5 GHz), Ethernet (LAN RJ-45), USB A 2.0
<b>Radio Bands Supported</b>	Internet Radio, DAB/DAB+ (174-240 MHz), FM (87.5-108 MHz)
<b>Streaming Features</b>	Spotify Connect, Multiroom (UNDOK), UPnP, DLNA compatible
<b>Connectors</b>	Line-in (3.5mm), Line-out (3.5mm), Headphone output
<b>Power Supply</b>	Integrated

## 10. WARRANTY AND SUPPORT

Hama products are subject to strict quality controls. If you experience any issues with your DIR3100MS Digital Radio, please contact your retailer or the Hama customer support team. You can find contact information and further support resources on the official Hama website.

Please retain your proof of purchase for any warranty claims.

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