

LEOTEC LT-2009

LEOTEC LT-2009 11-Band High Sensitivity Radio User Manual

Model: LT-2009

1. INTRODUCTION

Thank you for choosing the LEOTEC LT-2009 11-Band High Sensitivity Radio. This portable radio is designed to provide clear reception across FM, AM, and multiple Shortwave (SW1-9) bands. Featuring a classic wooden finish, a headphone jack, and dual power options (AC/DC), it is ideal for both indoor and outdoor listening. Please read this manual carefully to ensure proper use and maintenance of your device.

2. SAFETY INFORMATION

- Do not expose the radio to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the radio to strong impacts.
- Do not attempt to disassemble or modify the radio. This will void the warranty and may cause damage.
- Use only the specified power adapter or batteries.
- Keep out of reach of children.
- Clean the radio with a soft, dry cloth. Do not use liquid cleaners or aerosols.

3. PACKAGE CONTENTS

Please check the package for the following items:

- LEOTEC LT-2009 Radio Unit
- Power Adapter
- User Manual (this document)

4. PRODUCT FEATURES

- **Multi-Band Reception:** FM/AM/SW1-9 for a wide range of stations.

- **Dual Power Options:** Operates on AC power (corded electric) or DC power (UM-1 batteries).
- **Headphone Jack:** For private listening.
- **Portable Design:** Lightweight with a convenient hand strap for easy carrying.
- **Classic Aesthetic:** Features a stylish wooden finish.
- **LCD Display:** For clear frequency indication.

5. CONTROLS AND FUNCTIONS



Figure 1: Rear view of the LEOTEC LT-2009 radio. This image displays the model number (LT-2009), frequency ranges for FM (88-108 MHz), MW (536-1600 KHz), and SW1-9 (9.5-22.3 MHz), power source details (AC 220V/50Hz, DC 3V (UM-1 x 2)), and the AC power input port.



Figure 2: Front view of the LEOTEC LT-2009 radio. This image highlights the main controls including the Band Selector knob (FM, MW, SW1-9), Tuning knob, and Power/Volume knob. The frequency display and speaker grille are also visible.



Figure 3: Angled front view of the LEOTEC LT-2009 radio. This perspective shows the extendable telescopic antenna, the hand strap, and the side panel which typically houses the headphone jack and DC input.



Figure 4: Size reference of the LEOTEK LT-2009 radio. This image illustrates the compact size of the radio, showing it held in a hand with a measurement of 5.2 inches (13 cm) in height, indicating its portability.

Control Descriptions:

- **Power/Volume Knob:** Turn clockwise to power on and increase volume. Turn counter-clockwise to decrease volume and power off.
- **Band Selector Knob:** Rotate to select between FM, AM (MW), and Shortwave (SW1-9) bands.
- **Tuning Knob:** Rotate to scan for radio stations within the selected band.
- **Telescopic Antenna:** Extend fully for optimal FM and SW reception. For AM, the internal ferrite bar antenna is used.
- **Headphone Jack:** Connect 3.5mm headphones for private listening.
- **AC Power Input:** Connect the provided power adapter for mains operation.
- **Battery Compartment:** Located on the back, holds 2 x UM-1 batteries for portable use.

6. SETUP

6.1 Powering the Radio

Your LEOTEK LT-2009 radio can be powered in two ways:

- **AC Power:** Connect the provided power adapter to the AC power input port on the radio and then plug it into a standard wall outlet (220V/50Hz).
- **DC Battery Power:** Open the battery compartment cover on the back of the radio. Insert two (2) UM-1 size batteries, ensuring correct polarity (+/-). Close the compartment cover securely.

Note: When both AC power and batteries are connected, the radio will primarily use AC power. Remove batteries if the radio will not be used for an extended period to prevent leakage.

6.2 Antenna Setup

- For FM and Shortwave (SW) reception, fully extend the telescopic antenna. Adjust its angle and direction for the best signal.

- For AM (MW) reception, the radio uses a built-in ferrite bar antenna. Rotate the entire radio unit for optimal signal strength. The telescopic antenna is not required for AM.

7. OPERATING INSTRUCTIONS

7.1 Turning On/Off and Volume Adjustment

- Turn the **Power/Volume Knob** clockwise until you hear a click to turn on the radio. Continue turning clockwise to increase the volume.
- Turn the **Power/Volume Knob** counter-clockwise to decrease the volume and continue until it clicks off to power down the radio.

7.2 Selecting a Band

- Rotate the **Band Selector Knob** to choose your desired frequency band: FM, AM (MW), or one of the Shortwave bands (SW1-9). The selected band will be indicated on the display.

7.3 Tuning to a Station

- Once a band is selected, slowly rotate the **Tuning Knob** to scan for available radio stations.
- Observe the frequency scale on the display to identify the station's frequency.
- Adjust the antenna (telescopic for FM/SW, rotate radio for AM) for the clearest reception.

7.4 Using Headphones

- Plug any standard 3.5mm stereo headphones into the **Headphone Jack**. The internal speaker will automatically mute.
- Adjust the volume to a comfortable level using the **Power/Volume Knob**.

8. MAINTENANCE

- **Cleaning:** Wipe the radio's exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or strong chemicals.
- **Storage:** If storing the radio for an extended period, remove the batteries to prevent corrosion. Store in a cool, dry place away from direct sunlight.
- **Antenna Care:** Handle the telescopic antenna gently to avoid bending or breaking.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Batteries are dead or incorrectly inserted; AC adapter not connected or faulty.	Replace batteries or check AC adapter connection.
Poor reception / Static	Weak signal; Antenna not extended/positioned correctly; Interference from other electronics.	Extend and adjust telescopic antenna (FM/SW). Rotate radio unit (AM). Move away from interference sources. Try tuning slowly.
No sound from speaker	Volume too low; Headphones connected.	Increase volume. Disconnect headphones.

Problem	Possible Cause	Solution
Tuning knob not working	Internal mechanism issue.	Contact customer support if within warranty period.

10. SPECIFICATIONS

Feature	Specification
Brand Name	LEOTEC
Model Number	LT-2009
Color	Wooden
Special Features	Lightweight
Connectivity Technology	USB (Note: May refer to power input or limited playback)
Product Dimensions (L x W x H)	44mm x 80mm x 148mm
Tuner Technology	FM Waves
Style	Wooden
Power Source	Corded Electric (AC), Battery (DC)
Radio Band Support	11 Bands (FM, AM, SW1-9)
Included Components	Power Adapter
Frequency	Up to 108 MHz (FM)
Compatible Devices	Headphones
Voltage	5 Volts (DC Input)
Display Type	LCD
Hardware Interface	Headphone
Material	Wood
Recommended Uses	Music, News, Sports Broadcast, Outdoor Use, Travel
Manufacturer	LEOTEC
Country of Origin	China

11. WARRANTY

Based on the product information, this product is sold **without a warranty**. Please refer to your retailer's return policy for any issues upon purchase.

12. SUPPORT

For further assistance or inquiries regarding your LEOTEC LT-2009 radio, please contact your point of purchase or refer to the manufacturer's official website for potential support resources.