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Yewrich LT-BT2105

Yewrich AM/FM Radio with Bluetooth Speaker

Model: LT-BT2105

Introduction

This manual provides detailed instructions for the proper use and maintenance of your Yewrich LT-BT2105 AM/FM Radio with Bluetooth Speaker. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. This portable radio offers versatile listening options, including traditional AM/FM broadcasts and modern Bluetooth audio streaming, powered by either AC or batteries.

Key Features

- **Strong AM/FM Reception:** Equipped with a powerful DSP chip and a retractable antenna for stable signal quality across FM 87.5-108MHz and AM 520-1710kHz.
- **Bluetooth Speaker Functionality:** Easily connect your smartphone or other Bluetooth-enabled devices for wireless music streaming.
- **Clear and Breathtaking Sound:** Features a built-in precision large speaker for clear audio without distortion.
- **Dual Power Source:** Operates via AC 110V power (adapter included) or 4 AA batteries (not included) for portable use.
- **User-Friendly Design:** Includes a large tuning knob, band switch, and 3.5mm headphone jack for convenient operation and private listening.
- **Portable and Durable:** Compact design with a comfortable handle, made from premium ABS materials for sturdiness.

Package Contents

Please check the package for the following items:

- Yewrich LT-BT2105 AM/FM Radio with Bluetooth Speaker
- Power Adapter
- User Manual (this document)

If any items are missing or damaged, please contact customer support.

Controls and Components



Figure 1: Front and top view of the Yewrich LT-BT2105 radio, highlighting the main controls and the retractable antenna.



Figure 2: Detailed view of the radio's side and front, illustrating the large tuning knob, the band switch (AM/FM/Bluetooth), and the 3.5mm earphone jack.

1. **Retractable Antenna:** Extends for improved AM/FM reception.
2. **Tuning Knob:** Used to select AM or FM radio frequencies.
3. **Volume Knob:** Adjusts the audio output level.
4. **Band Switch:** Toggles between AM, FM, and Bluetooth modes.
5. **AUX IN Port:** 3.5mm input for connecting external audio devices.
6. **PHONE (Headphone) Jack:** 3.5mm output for private listening with headphones.
7. **AC Power Input:** Port for connecting the included power adapter.
8. **Battery Compartment:** Located on the back, holds 4 AA batteries.

Setup

Powering the Radio



Figure 3: Illustration of the two power supply methods: AC power and battery power.

Your Yewrich radio can be powered in two ways:

- **AC Power:** Connect the included power adapter to the AC power input port on the radio and plug the adapter into a standard 110V AC wall outlet. This is recommended for continuous use indoors.
- **Battery Power:** For portable use, open the battery compartment on the back of the radio and insert 4 new AA batteries (not included), ensuring correct polarity (+/-). Close the compartment securely.

Antenna Adjustment



Figure 4: The retractable antenna extended for optimal AM/FM signal reception.

For best AM/FM reception, extend the retractable antenna fully. You may need to adjust its direction and position to find the clearest signal for your desired station.

Operating Instructions

Turning On/Off and Volume Control

Rotate the **Volume Knob** clockwise to turn on the radio and increase the volume. Rotate it counter-clockwise to decrease the volume and turn off the radio.

AM/FM Radio Operation

1. Slide the **Band Switch** to either 'AM' or 'FM' mode.
2. Extend the retractable antenna for optimal reception.
3. Slowly rotate the **Tuning Knob** to scan for radio stations. The tuning dial will indicate the frequency.
4. Adjust the antenna position and the tuning knob slightly for the clearest sound.

Bluetooth Speaker Operation



Figure 5: The radio functioning as a Bluetooth speaker, streaming music from a smartphone.

1. Slide the **Band Switch** to 'Bluetooth' mode. The radio will enter pairing mode, indicated by an audible prompt or indicator light.
2. On your Bluetooth-enabled device (e.g., smartphone, tablet), enable Bluetooth and search for available devices.
3. Select 'YR-2105' from the list of devices to pair.
4. Once paired, you can play audio from your device through the radio's speaker.

Using the Headphone Jack



Figure 6: Private listening experience using headphones connected to the radio.

To listen privately, plug any standard 3.5mm headphones into the**PHONE (Headphone) Jack** on the side of the radio. The internal speaker will automatically mute when headphones are connected.

Using the AUX IN Port

To play audio from an external device that does not have Bluetooth, connect a 3.5mm audio cable (not included) from the device's audio output to the **AUX IN Port** on the radio. Switch the radio to AUX mode if available, or ensure it is not in AM/FM/Bluetooth mode, and play audio from your external device.

Maintenance

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** If storing the radio for an extended period, remove the batteries to prevent leakage. Store in a cool, dry place.
- **Battery Replacement:** Replace all 4 AA batteries at the same time. Do not mix old and new batteries or different types of batteries.

- **Antenna Care:** Handle the retractable antenna gently to avoid bending or breaking.

Troubleshooting

Problem	Possible Cause	Solution
No power	Batteries are dead or incorrectly inserted; AC adapter not connected or faulty.	Replace batteries, check polarity. Ensure AC adapter is securely plugged into radio and wall outlet.
Poor AM/FM reception or static	Antenna not extended; weak signal; interference.	Fully extend and adjust the antenna. Try moving the radio to a different location away from electronic devices that may cause interference.
No sound from speaker	Volume too low; headphones plugged in; incorrect mode.	Increase volume. Unplug headphones. Ensure correct mode (AM/FM/Bluetooth) is selected.
Bluetooth not pairing	Radio not in Bluetooth mode; device Bluetooth off; radio too far from device.	Slide band switch to Bluetooth. Ensure Bluetooth is enabled on your device. Move device closer to the radio (within 33 feet/10 meters).
Sound distortion	Volume too high; weak signal.	Lower the volume. For radio, adjust tuning or antenna for a stronger signal.

Specifications



Figure 7: Product dimensions of the Yewrich LT-BT2105 radio.

Feature	Detail
Model Number	LT-BT2105
Product Dimensions	8.65"L x 2.95"W x 5.03"H (approx. 9 x 3 x 5 inches)
Item Weight	15.8 ounces
Connectivity Technology	Bluetooth
Tuner Technology	AM/FM
Frequency Range FM	87.5-108MHz
Frequency Range AM	520-1710kHz
Power Source	AC 110V (with adapter) or 4 x AA Batteries
Included Components	Power Adapter

Warranty and Support

Yewrich products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official Yewrich website. Please retain your proof of purchase for warranty claims.

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