

Overview

This manual provides instructions for the Audiocrazy Multi-Band AM/FM/SW1-2 Radio. This is a portable transistor radio that receives AM, FM, and two shortwave (SW1, SW2) bands. It can be powered by an AC adapter, standard D-cell batteries, or its built-in rechargeable battery. The radio features a large speaker, a telescopic antenna for reception, a 3.5mm headphone jack, and an AUX input.



Features and Components

Front and Top Panel

- **Speaker Grille:** Covers the built-in speaker for audio output.
- **Frequency Dial:** A large, clear dial with markings for AM, FM, SW1, and SW2 bands. Features large letters for easy reading.
- **Tuning Knob:** A large, precise knob for selecting stations across the frequency dial.
- **Band Selector Switch:** A knob or switch to select between AM, FM, SW1, and SW2 reception modes.

- **Volume/Power Knob:** Combined control. Rotating clockwise from the 'OFF' position turns the radio on and increases volume.
- **Telescopic Antenna:** A retractable copper antenna extends from the top or side of the radio to improve FM and shortwave reception.

Side and Rear Panel

- **3.5mm Headphone Jack:** For private listening. Inserting a headphone plug will mute the internal speaker.
- **AUX Input (3.5mm):** For connecting external audio devices (e.g., smartphone, MP3 player) to play through the radio's speaker.
- **DC Power Input:** Socket for connecting the included 120V AC power cord adapter.
- **Battery Compartment:** Hatch, typically on the rear, for installing 2 x D-cell batteries (batteries not included).
- **Built-in Rechargeable Battery:** An internal battery is charged when the AC power cord is connected. This battery is not removable or visible from the outside.

Use Guide

Initial Setup

1. **Unpacking:** Remove the radio, AC power cord, and manual from the packaging.
2. **Power Choice:** Decide on your power source:
 - **AC Power (Indoor):** Plug the included power cord into the DC input on the radio and into a standard 120V wall outlet.
 - **Battery Power (Portable):** Open the battery compartment and install 2 new D-cell batteries, observing the correct polarity (+/-) markings.
 - **Rechargeable Battery (Portable):** The internal battery charges when the AC power cord is connected. Allow several hours for a full charge before unplugging for portable use.

Listening to the Radio

1. **Turn On:** Rotate the **Volume/Power Knob** clockwise. You will hear a click and static.
2. **Select Band:** Use the **Band Selector Switch** to choose AM, FM, SW1, or SW2.
3. **Extend Antenna:** For FM or Shortwave bands, fully extend the telescopic antenna for best reception. For AM, the antenna is internal.
4. **Tune Station:** Slowly turn the large **Tuning Knob** while looking at the frequency dial. Stop when you hear a station clearly.

5. **Adjust Volume:** Rotate the **Volume/Power Knob** to your desired listening level.
6. **Private Listening:** Plug standard 3.5mm headphones into the **Headphone Jack**. The internal speaker will mute.

Using the AUX Input

1. Ensure the radio is powered on. Volume can be set to low.
2. Using a 3.5mm audio cable (not included), connect one end to the headphone output of your external device (e.g., phone, tablet).
3. Connect the other end to the **AUX Input** on the radio.
4. Start playback on your external device. Use the device to control playback (play, pause, track) and the radio's **Volume Knob** to control the sound level.

Power and Battery Notes

- The radio operates on 120V AC power, 2 x D-cell batteries, or the built-in rechargeable battery.
- When using AC power, the internal rechargeable battery will charge.
- For longest battery life, use the AC power cord when indoors. Remove disposable batteries if the radio will not be used for an extended period.

Specifications

- **Brand:** Audiocrazy
- **Model:** AC-Q1ARB
- **Radio Bands:** AM, FM, Shortwave 1 (SW1), Shortwave 2 (SW2)
- **Frequency Range:**
 - FM: 87.5 - 108 MHz
 - AM: 520 - 1710 KHz
 - SW: 3.5 - 23 MHz
- **Power Sources:** 120V AC Power Cord (included), 2 x D-cell batteries (not included), Built-in Rechargeable Battery
- **Output:** Built-in speaker, 3.5mm Headphone Jack
- **Input:** 3.5mm AUX Input
- **Dimensions:** Approximately 6.65" L x 2.87" W x 4.8" H
- **Weight:** Approximately 500 grams (1.1 lbs)
- **Included Items:** Radio, AC Power Cord, User Manual

Troubleshooting

- **No Power:**

- Check that the Volume/Power Knob is rotated to the ON position.
- If using batteries, ensure they are fresh and installed correctly.
- If using the AC cord, ensure it is firmly connected to the radio and the wall outlet.

- **Poor or No Reception:**

- For FM/SW, ensure the telescopic antenna is fully extended.
- Try moving the radio to a different location, away from large metal objects or electronics.
- Check that the correct band (AM/FM/SW1/SW2) is selected.
- AM reception uses an internal antenna; repositioning the entire radio may improve reception.

- **No Sound from AUX Input:**

- Ensure the audio cable is fully plugged into both the radio's AUX port and your external device.
- Check that the external device's volume is turned up and playback has started.
- Ensure the radio's volume is turned up.

- **Distorted Sound:**

- Reduce the volume on the radio.
- If using the AUX input, reduce the volume on the connected device.

Safety and Care

- Keep the radio dry. Do not expose it to rain, moisture, or liquids. It is not water-resistant.
- Use only the provided AC power adapter. Do not use a damaged power cord.
- When installing batteries, observe the correct polarity (+/-). Do not mix old and new batteries or different battery types.
- Remove batteries if the radio will not be used for a long time to prevent potential leakage.
- Clean the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Do not place the radio in extremely hot or cold environments.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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