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ONGTEED SM-616

ONGTEED Digital AM FM Shortwave Radio with Bluetooth Speaker and MP4 Video Player

Model: SM-616

Introduction

This manual provides detailed instructions for the operation and maintenance of your ONGTEED Digital AM FM Shortwave Radio with Bluetooth Speaker and MP4 Video Player, Model SM-616. Please read this manual thoroughly before using the device to ensure proper function and longevity.

Product Overview

The ONGTEED SM-616 is a versatile portable device combining a digital radio, Bluetooth speaker, and MP4 video player. It features a 7-inch LCD screen, supports USB and Micro SD card media playback, and includes a portable handle for convenience.

Components and Controls



Image 1: Front view of the ONGTEED SM-616 Digital Radio. The device features a large screen on the left, displaying video content. To the right of the screen are radio controls including SW, AM, FM band selection buttons, a digital frequency display (showing "FM 95.6"), MENU, BACK, and VIDEO buttons. Below these are a numeric keypad (0-9) and media control buttons (play/pause, skip). On the right side panel, there are ports for DC 5V power input, USB, and TF1 (Micro SD card). A telescopic antenna extends from the top, and a brown leather-like handle is attached to the top edge.

Refer to Image 1 for a visual guide to the device's components:

- **7-inch LCD Screen:** Displays video content, radio frequency, menu options, and other information.
- **Telescopic Antenna:** Extends for improved radio reception.
- **Band Selection Buttons (SW, AM, FM):** Used to switch between Shortwave, Amplitude Modulation, and Frequency Modulation radio bands.
- **Digital Frequency Display:** Shows the current radio frequency.
- **Control Buttons (MENU, BACK, VIDEO):** Navigate menus, go back, and switch to video mode.
- **Numeric Keypad (0-9):** For direct frequency input or menu selection.
- **Media Control Buttons:** Play/Pause, Skip Forward/Backward for media playback.
- **DC 5V Input:** Power input for charging the device.

- **USB Port:** For connecting USB drives for media playback.
- **TF1 (Micro SD Card Slot):** For inserting Micro SD cards for media playback.
- **Portable Handle:** For easy carrying.
- **90° Adjustable Support Frame:** Located on the back for optimal viewing angles.
- **Headphone Jack (3.5mm):** For private listening.

Setup

1. Charging the Device

1. Locate the DC 5V input port on the side of the radio.
2. Connect the provided USB charging cable to the DC 5V port and the other end to a compatible USB power adapter (not included) or a computer USB port.
3. The charging indicator light will illuminate. Allow the device to charge fully before first use. A full charge ensures optimal battery performance.
4. The device is equipped with three 1200mAh rechargeable batteries.

2. Initial Power On

1. Press and hold the power button (usually labeled "OFF/ON" or similar, located on the side) to turn on the device.
2. The LCD screen will power on, and the device will typically start in radio mode or the last used mode.

Operating Instructions

1. Radio Functions (AM/FM/SW)

- **Selecting a Band:** Press the **SW**, **AM**, or **FM** buttons to switch between Shortwave, AM, and FM radio bands.
- **Automatic Station Search:** In radio mode, press the **AUTO** button (if available, or refer to the specific button for auto-scan) to automatically scan and store available stations.
- **Manual Tuning:** Use the numeric keypad to directly input the desired frequency. For example, to tune to 95.6 FM, press 9-5-6.
- **Antenna Adjustment:** Extend the telescopic metal antenna for optimal reception, especially for FM and SW bands.
- **Frequency Ranges:**
    - FM: 87.5 - 108 MHz
    - AM: 520 - 1730 kHz
    - SW: 4.75 - 21.95 MHz

2. Bluetooth Speaker Function

- **Activating Bluetooth:** Navigate to the Bluetooth mode using the **MENU** button or a dedicated Bluetooth button.
- **Pairing:** On your external device (smartphone, tablet), search for Bluetooth devices and select "ONGTEED SM-616" (or similar name) to pair.
- **Audio Playback:** Once paired, audio from your external device will play through the radio's 5W speaker.
- **Note:** This device functions as a Bluetooth receiver only and does not have a transmitter function.

3. Video Playback (USB/Micro SD)

- **Insert Media:** Insert a USB drive into the USB port or a Micro SD card (up to 128GB) into the TF1 slot.
- **Access Video Mode:** Press the **VIDEO** button or navigate through the **MENU** to select video playback.

- **File Selection:** Browse and select your desired MP4 video file from the displayed list.
- **Supported Resolutions:** The device supports 720p and 1080p MP4 video playback.
- **Viewing Angle:** Adjust the 90° movable support frame on the back for optimal viewing.
- **Note:** This device does not have TV functionality.

4. Music Playback (USB/Micro SD)

- **Insert Media:** Insert a USB drive or Micro SD card containing MP3 audio files.
- **Access Music Mode:** Navigate through the **MENU** to select music playback.
- **File Selection:** Browse and select your desired MP3 audio file.
- **Controls:** Use the media control buttons (Play/Pause, Skip) for playback management.

5. E-book Reading and Photo Browsing

- **Insert Media:** Insert a USB drive or Micro SD card containing e-book files or photos.
- **Access Mode:** Navigate through the **MENU** to select e-book reader or photo viewer mode.
- **File Selection:** Browse and select your desired files.

6. Headphone Jack

- Connect standard 3.5mm headphones to the headphone jack for private listening.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or abrasive materials.
- **Battery Care:** To prolong battery life, avoid fully discharging the batteries frequently. Charge the device regularly, especially if not used for extended periods.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna Care:** Handle the telescopic antenna gently to prevent bending or breakage.

Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery or no charge.	Connect the device to a power source using the USB charging cable and allow it to charge.
Poor radio reception.	Antenna not extended or weak signal area.	Fully extend the telescopic antenna. Try repositioning the device for better signal.
No sound from speaker.	Volume too low, headphones connected, or device muted.	Increase volume. Disconnect headphones. Check if device is muted.
Video/Music files not playing.	Unsupported file format, corrupted file, or media not inserted correctly.	Ensure files are in supported formats (MP4 for video, MP3 for audio). Check if USB drive/Micro SD card is properly inserted. Try a different file or media.

Problem	Possible Cause	Solution
Bluetooth pairing issues.	Device not in pairing mode, or external device too far.	Ensure the radio is in Bluetooth pairing mode. Keep external device within range (approx. 10 meters). Restart both devices.

Specifications

- **Model:** SM-616
- **Brand:** ONGTEED
- **Screen:** 7-inch LCD
- **Video Playback:** Supports 720p/1080p MP4 via USB/Micro SD Card
- **Radio Bands:** FM (87.5-108MHz), AM (520-1730kHz), SW (4.75-21.95 MHz)
- **Bluetooth:** Yes (Receiver function only)
- **Speaker:** 5W high-performance speaker
- **Audio Playback:** MP3 via USB/Micro SD Card
- **Memory Card Support:** Micro SD Card up to 128GB
- **Connectivity:** USB port, Micro SD card slot, 3.5mm Headphone Jack
- **Power Source:** 3 x 1200mAh rechargeable Lithium-Ion batteries (included)
- **Charging:** USB 5V
- **Material:** Premium ABS plastic
- **Dimensions:** 8.5 x 1.17 x 1.39 inches
- **Weight:** 1.5 lbs
- **Special Features:** Portable handle, 90° adjustable support frame

Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or contact ONGTEED customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.
For further assistance, please visit the official ONGTEED website or contact their support channels.

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