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Kaito KA350GY

Kaito KA350GY Voyager Trek Radio User Manual

Model: KA350GY

INTRODUCTION

The Kaito KA350GY Voyager Trek is a versatile multi-powered radio designed for emergency preparedness and outdoor activities. It features AM/FM, Shortwave (SW), and NOAA Weather band reception, a 5-LED flashlight, and a USB charging port for external devices. This manual provides instructions for its setup, operation, maintenance, and troubleshooting.

KEY FEATURES

- **Multi-Band Radio:** Receives AM (530-1710KHz), FM (87-108MHz), Shortwave (SW1: 3-8 MHz, SW2: 9-18 MHz), and 7 pre-programmed NOAA Weather channels.
- **Multiple Power Sources:** Internal rechargeable Ni-MH battery (charged via hand crank, solar panel, USB, or optional AC/DC adapter), and 3 AAA batteries (not included).
- **5-LED Flashlight:** Integrated super bright flashlight for illumination.
- **USB Charging Port:** Allows charging of external devices like cell phones and MP3 players.
- **Compact and Portable Design:** Ideal for emergencies, camping, and travel.

SETUP

1. Battery Installation and Initial Charge

The KA350GY comes with a built-in rechargeable Ni-MH battery pack. Before initial use, ensure this battery pack is properly connected. It is typically located within the AAA battery compartment. If using optional AAA batteries, insert three AAA batteries into the compartment, observing correct polarity.



Image: Rear view of the radio, highlighting the battery compartment and hand crank.

For optimal performance, fully charge the internal Ni-MH battery before first use. Use one of the following methods:

- **USB Charging:** Connect the radio to a computer's USB port or a USB wall adapter (not included) using the provided USB cable.
- **Hand Crank:** Rotate the hand crank clockwise or counter-clockwise for several minutes. Ensure the crank is turned gently and kept properly aligned to prevent damage.
- **Solar Panel:** Place the radio with the solar panel facing direct sunlight. Note that solar charging provides a trickle charge and is best for maintaining battery life or operating the radio without draining the battery, rather than a rapid full charge.

2. Power Source Selection

Locate the power source switch. For most operations, set it to the "Power" position to utilize the internal rechargeable battery or external power. If using AAA batteries, switch to the "Battery" position.

OPERATING INSTRUCTIONS

1. Radio Operation



Image: Front view of the radio, displaying the speaker, tuning dial, and band selection switches.

1. **Turn On:** Rotate the Volume knob clockwise to turn on the radio and adjust the volume.
2. **Select Band:** Use the BAND switch to select between OFF, FM, AM, SW1, SW2, NOAA, or ALERT.
3. **Tune Station:** Rotate the TUNING knob to find your desired station. Extend the telescopic antenna for better FM and SW reception. For AM, rotate the radio for optimal signal.
4. **NOAA Weather Channels:** The 7 NOAA channels are pre-programmed. Simply select the NOAA band, and then use the channel selector to choose between CH1-CH7.
5. **NOAA Alert:** In ALERT mode, the radio will remain silent until a weather alert is broadcast, at which point it will sound an alarm and play the alert message.

2. Flashlight Operation



Image: Angled view of the radio, highlighting the 5-LED flashlight and the hand crank.

Press the FLASH LIGHT button located near the flashlight to turn it on or off. The flashlight uses 5 LEDs for bright illumination.

3. Charging External Devices



Image: End views of the radio, illustrating the USB output port for charging external devices and the micro-USB input for charging the radio itself.

The radio features a USB output port (labeled "OUT") to charge small electronic devices such as cell phones, MP3 players, or digital cameras. Connect your device's charging cable to this port. Ensure the radio has sufficient charge in its internal Ni-MH battery for effective charging.

Note: Direct charging of some high-power devices may be slow or inconsistent. For more reliable charging of such devices, consider charging an external power bank with the radio first, then using the power bank to charge your device.

MAINTENANCE

- **Battery Care:** If storing the radio for extended periods without use, remove any AAA batteries to prevent leakage and damage. The internal Ni-MH battery should be periodically charged to maintain its health.
- **Regular Testing:** To ensure readiness, operate and test all radio functions at least once a year.
- **Cleaning:** Wipe the radio's exterior with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Handle with Care:** The hand crank and telescopic antenna are delicate components. Operate the hand crank gently and extend/retract the antenna with reasonable care to prevent bending or breakage.
- **Storage:** Store the radio in a cool, dry place away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Radio does not turn on.	Internal Ni-MH battery is depleted. Charge using hand crank, solar, or USB. AAA batteries (if used) are depleted or incorrectly installed. Replace or check polarity. Power source switch is in the wrong position. Ensure it's set to "Power" or "Battery" as appropriate.
Poor radio reception (AM/FM/SW).	Telescopic antenna not fully extended (for FM/SW). Radio orientation (for AM). Try rotating the radio. Environmental interference. Move away from electronic devices or large metal objects. External power source interference. Do not listen to the radio while it is plugged in for charging, as this can cause interference. Shortwave reception is highly dependent on time of day and atmospheric conditions.
External device not charging.	Internal Ni-MH battery is too low. Charge the radio's battery. Device requires more power than the radio can supply. Charging cable is faulty or incompatible.
Hand crank feels stiff or breaks.	Crank not aligned properly. Ensure gentle, consistent rotation. Avoid forcing the crank.

SPECIFICATIONS

- **Model:** KA350GY
- **Dimensions (L x W x H):** Approximately 6 x 2 x 3 inches (15.24 x 5.08 x 7.62 cm)
- **Weight:** Approximately 8 ounces (227 grams)
- **Radio Bands:**
 - AM: 530 - 1710 KHz
 - FM: 87 - 108 MHz
 - Shortwave (SW1): 3 - 8 MHz
 - Shortwave (SW2): 9 - 18 MHz
 - NOAA Weather: 7 pre-programmed channels
- **Power Sources:**
 - Internal Rechargeable Ni-MH Battery Pack
 - 3 x AAA Batteries (not included)
 - Hand Crank Dynamo
 - Solar Panel
 - USB Input (5V DC)
- **Flashlight:** 5-LED
- **Output:** USB (for charging external devices)
- **Included Components:** Earphone, User Manual



Image: Diagram illustrating the physical dimensions of the Kaito KA350GY radio.

WARRANTY INFORMATION

Warranty details for the Kaito KA350GY radio are typically provided with the product packaging or can be found on the official Kaito website. Please refer to these sources for specific terms and conditions regarding your product's warranty coverage.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries about your Kaito KA350GY radio, please visit the official Kaito website or contact their customer support using the information provided in your product documentation.