

TRAILTUNE

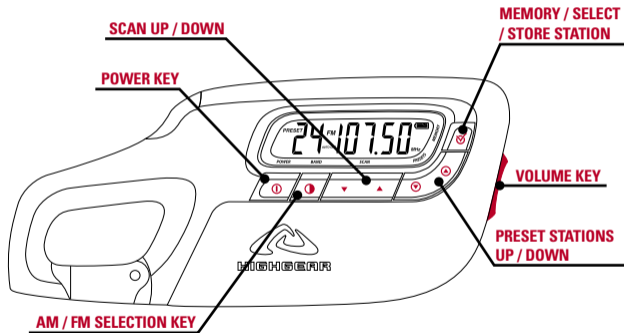
portable AM / FM carabiner radio



HIGHGEAR®



TRAIL AUDIO



Congratulations on your purchase of your **TRAIL TUNE FM/AM PLAYER**. Designed to meet the needs of outdoor enthusiasts, Trail Tune players are shock resistant enough to be safely used in the types of environments commonly found while participating in outdoor recreational activities. The design of the Trail Tune player makes it easy and convenient to use in an outdoor environment. Large buttons make operating the player quick and easy and the carabiner clip system allows you to easily attach the player to your belt, jacket, backpack or hydration device.

Please read the following manual carefully to familiarize yourself with the functions of the player. Here are some of the key features of your Trail Tune player:

- AM / FM Stereo Radio.
- 3 Radio Tuning Modes : Manual / Automatic / Memory.
- Capable of Storing up to 30 Radio Stations (20 for FM, 10 for AM).
- Self-activated Sleep Mode (10 – 100 min, user adjusted).
- Battery Consumption Display.
- Small in Size, and Highly Portable.
- Operates on 1 AAA Battery.
- Equipped with Stereo Headphones.

SAFETY INFORMATION

Modifications not authorized by the manufacturer may void user's authority to operate this device.

This equipment has been tested and found to comply with limits for class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there are no guarantees that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiver player.

Increase the separation between the equipment and receiver.

Consult the dealer or an experienced radio / TV technician for help. Keep in mind that modifications not authorized by the manufacturer may void users authority to operate this device.

Strong electro static charges may render the Trail Tune player inoperable and it will not respond to key presses. If this occurs, simply open the player, remove and reinstall the battery.

WARNINGS AND CAUTIONS

WARNING: Do not use your Trail Tune player under conditions which require you to be aware of your surroundings such a bicycling, skiing, running in populated areas. Wearing your Trail Tune player may impair your ability to hear and quickly respond to certain situations.

CAUTION: Do not expose your Trail Tune player to unnecessary shock or extreme vibration.

CAUTION: Do not expose your Trail Tune player to chemicals, direct sunlight or extreme heat.

CAUTION: Keep your Trail Tune player away from strong magnetic fields as this may cause you to lose information stored in the player's memory.

CAUTION: While your Trail Tune player is designed to be water resistant when not being used, we strongly recommend you avoid allowing the unit to become wet or submerged. When in use, the player remains mostly water resistant. However, it is possible for water to enter the player at the headphone jack when the headphones are installed. Failure to properly install any of the seals of the player will result in a reduction or elimination of water resistance.

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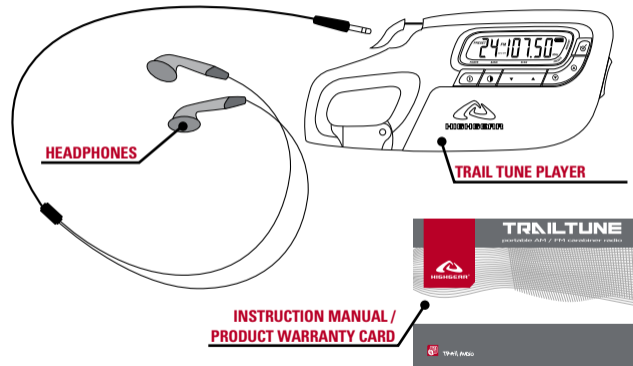
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PACKAGE CONTENTS



HEADPHONES

TRAIL TUNE PLAYER

INSTRUCTION MANUAL /
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HOW TO USE THIS MANUAL

The Trail Tune has many unique features and functions. Be sure to read each section carefully so that you will fully understand how the instruments and its features work.

The manual is divided into sections outlining each of the major functions of the player. A drawing of the player's screen that represents the starting point or other important screen for each operational process is shown adjacent to the instructions for the process; important keys are shown in color indicating **PRESS & HOLD** and **PRESS**. The steps for the programming or operation are adjacent to the screen illustration. Key points and important information are shown in highlighted blocks.

The Trail Tune player itself is an important part of this manual as it prompts you through its operation.

CARE & MAINTENANCE

Your Trail Tune player should be protected from shocks, extreme heat and extended exposure to direct sunlight. You should only perform service procedures related to the changing of the battery as shown in this manual. **NEVER** attempt to disassemble. Store your player in a clean, dry area at room temperature.

Clean your player using a moist cloth. Care should be taken when cleaning the lens not to rub dirt into the surface as it can become scratched and hard to read.

Avoid shock or physical impacts to the device.

In case of prolonged storage, remove the battery to prevent leakage of corrosive liquid.

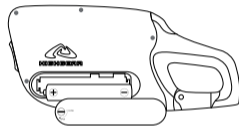
REPLACING THE BATTERY

PRE-USAGE INSPECTION

Before operating the device, check if the battery is correctly positioned (be aware of battery polarity).

TO REPLACE BATTERY:

1. Open battery hatch lid.
2. Remove old battery, insert one AAA battery into the slot according to the indicated +/- diagram.
3. Securely replace the battery hatch lid.



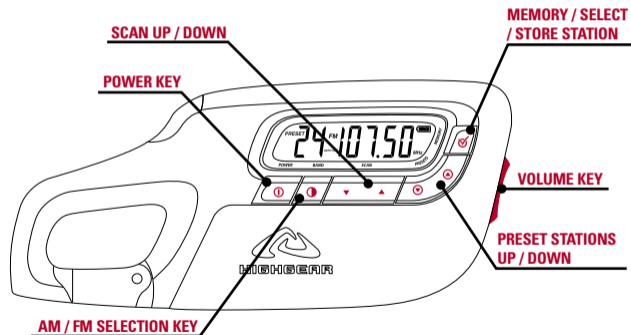
IMPORTANT:

Once switched off, battery must be replaced within 10 sec. Otherwise, preset channel memories will be lost. If battery is removed from the hatch when the player is switched on, stored memories will be lost. In case of prolonged disuse, empty the battery hatch to prevent leakage of the battery's corrosive liquid.

To maintain quality of radio reception, replace the battery when necessary. When the Low Battery symbol is shown on the display the quality of the radio output may be affected, as the battery level is extremely low. When the Low Battery symbol is shown the battery should be replaced.

KEYS AND THEIR FUNCTIONS

The Trail Tune has 6 individual keys. Each key has several functions. The drawing identifies the keys and their names as used in this manual.



COMPONENTS OF THE PLAYER

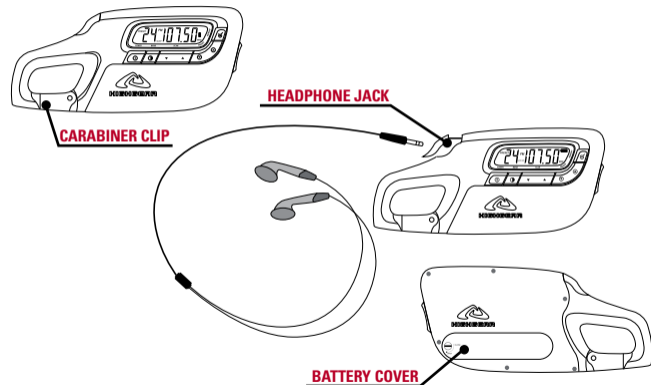
HEADPHONE JACK allows you to connect the Trail Tune player to headphones or other output source.

CARABINER CLIP allows you to secure the Trail Tune player to clothing, backpack, etc.

BATTERY COVER secures power source of the Trail Tune player.

The battery cover of the Trail Tune player is specially designed to form a water tight seal when properly closed. To assure a proper seal, press the door fully into position until it is fully flush with the main body of the player. Failure to fully seal the battery door may result in moisture entering the player. The Trail Tune player uses one 1.5v AAA battery as its power source. A fresh battery should supply enough power for approximately 15 hours of playing time. When replacing the battery pay attention to the polarity of the battery.

COMPONENTS OF THE PLAYER






DISPLAY SYMBOLS AND THEIR MEANINGS

MODE SYMBOLS


symbol	description	what it means
PRESET	PRESET RADIO CHANNEL	Displays when a preset radio channel is selected
FM	FM RADIO	Indicates that the radio is operating on an FM frequency
AM	AM RADIO	Indicates that the radio is operating on an AM frequency
AUTO OFF	AUTO OFF MODE	Auto Off mode is active when displayed
KHz	KILO HERTZ	Indicates that the radio is operating in Kilo Hertz
MHz	MEGA HERTZ	Indicates that the radio is operating in Mega Hertz

DISPLAY SYMBOLS AND THEIR MEANINGS

BATTERY SYMBOLS

symbol	battery status	what it means
	SUFFICIENT BATTERY	Battery is in good condition.
	LOW BATTERY	Battery is half full.
	EXHAUSTED BATTERY	Battery needs to be replaced

POWERING THE PLAYER ON / OFF

To power the Trail Tune player **ON** or **OFF**, **PRESS** the **POWER**  key. The Trail Tune is equipped with a conditional memory. When powered on, the radio automatically tunes itself to the previous frequency.





ADJUSTING THE VOLUME

The Volume toggle switch is located on the outer edge of the player to the right of the display screen. **PRESS +** to **INCREASE HEADPHONE VOLUME** or **PRESS -** to **DECREASE HEADPHONE VOLUME**.

SELF-ACTIVATED SLEEP MODE

To minimize battery consumption and in case of neglect to switch off the player, it is recommended the user activate the **SELF-ACTIVATED SLEEP MODE**. This function automatically powers off the player when the operation of the radio is unaltered for a designated time.

SETTING THE SELF-ACTIVATED SLEEP MODE

1. When the player is "Off", **PRESS & HOLD** the **POWER**  key. **AUTO OFF** will display. (Do not release the key.)
2. The display will cycle through waiting times in 10-minute increments from 100 down to 10 minutes followed by OFF. (OFF indicates function is disabled and player will remain ON until powered OFF.)
3. Release the **POWER**  key when the desired waiting time is displayed.



SELECTING AM / FM FREQUENCY

PRESS the **AM/FM SELECTION**  key to select **AM** frequency or **FM** frequency. The selected frequency will display in the LCD.

TUNING THE RADIO RECEIVER

The Trail Tune player is equipped with 3 search modes: Manual, Automatic, and Preset.







MANUAL SEARCH MODE

In **MANUAL SEARCH MODE**, the radio is tuned using the **SCAN DOWN**  or **SCAN UP**  keys to scroll through the radio frequency. This mode allows user to tune the radio to an exact signal.

1. Rapidly **PRESS** the **SCAN DOWN**  or **SCAN UP**  keys repeatedly until the desired frequency is acquired.

**AUTOMATIC SEARCH MODE**

In Automatic Search Mode, the radio automatically tunes to the next occupied frequency. The Automatic Search allows the user to quickly scroll through available stations with strong transmission signals.

1. **PRESS & HOLD** the **SCAN DOWN**  or **SCAN UP**  keys. Release the key, once the frequency display begins to change.
2. The Trail Tune will automatically tune itself to the next available frequency and begin playing.
3. To use Automatic Search to find a specific station, continue holding the **SCAN DOWN**  or **SCAN UP**  keys until the display reading is close to the desired frequency and release the key. The player will automatically tune itself the next signal received.
4. Repeat until desired frequency is reached. In remote locations (with minimal signal reception) the search may be aborted by **PRESSING** either **SCAN DOWN**  or **SCAN UP**  keys.








NOTE: The "Automatic Search" is useful for searching stations with strong transmission signals. To more quickly search for weaker signals, combine both Manual and Automatic search functions. Use Automatic Search to tune the radio near the desired frequency, switch to Manual Search to pinpoint the exact frequency.

PRESET SEARCH MODE

The Trail Tune player is equipped with a memory that allows the user to store up to 20 FM frequency presets and 10 AM frequency presets.

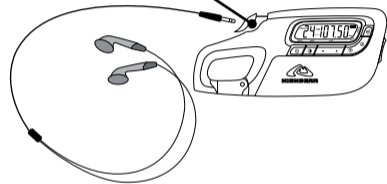
SETTING STATION PRESETS

1. Select **AM** or **FM** by pressing the **AM/FM SELECTION**  key.
2. Tune to the preferred frequency using either Manual Search or Automatic Search modes.
3. **PRESS & HOLD** the **MEMORY**  key for 2 seconds. The Preset number will display and flash (if no key is pressed for 3 seconds, the player will exit this mode). Adjust the **PRESET NUMBER** by pressing the **SCAN DOWN**  or **SCAN UP**  keys. (If you select an existing channel number to store a new station, the previous station will be overwritten.)
4. **PRESS** the **MEMORY**  key to save the setting.
5. Repeat this sequence to program additional presets.



CONNECTING THE HEADPHONES

HEADPHONE JACK



HEADPHONE PRECAUTIONS

- Always adjust the volume to an appropriate level to prevent hearing damage.
- If ringing in the ears occurs, reduce the volume of the radio, or perhaps, stop using it for a short period of time.
- Avoid using the headphones when commuting in traffic, as this could cause distraction that could lead to serious accidents.

SPECIFICATIONS AND RANGES

FREQUENCY RANGES

FM 87.5 – 108.0 MHz
AM 530 – 1710 KHz

NUMBER OF PRESET CHANNELS

30 in total
FM – 20 channels
AM – 10 channels

NOISE SENSITIVITY

FM beyond 10uv
AM beyond 2.0mv/m

MONO SIGNAL SELECTIVITY

beyond 20dB

VOLTAGE

DC 1.5 Volt Compatible Battery
Size (AAA) Battery

HEADPHONE JACK SIZE

D3.5 mm

DIMENSIONS

132x60x20mm approx.

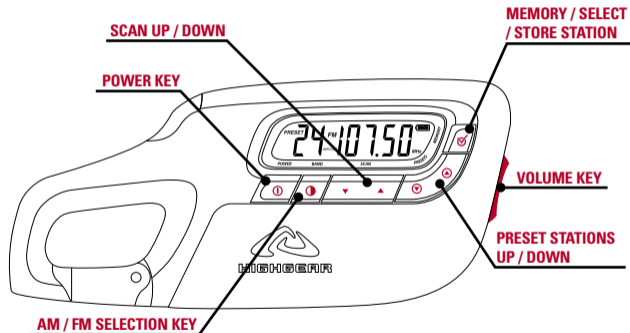
MASS

70g (without battery)

WATER RESISTANCE

Up to 1 ATM

KEY REFERENCE



TRAILTUNE

portable AM / FM carabiner radio



TRAIL AUDIO

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