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› NORTH EDGE Apache-46 Digital Tactical Watch User Manual

## NORTH EDGE APACHE-46

# NORTH EDGE Apache-46 Digital Tactical Watch User Manual

Model: APACHE-46

## INTRODUCTION

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The NORTH EDGE APACHE-46 is a robust 46mm outdoor digital watch designed for various activities including hiking, training, and daily wear. It integrates essential outdoor functions such as a digital compass, altimeter, barometer, weather trend indicator, and pedometer. This manual provides detailed instructions for setting up, operating, and maintaining your watch to ensure optimal performance.



Front view of the NORTH EDGE Apache-46 Digital Tactical Watch, showcasing its digital display and rugged design.

Key features include:

- Digital Compass for direction reference.
- Altimeter for measuring altitude and elevation changes.
- Barometer for monitoring air pressure and weather trends.
- Pedometer for tracking steps, distance, calories, and exercise time.
- EL Backlight for clear visibility in low-light conditions.
- Chronograph, Countdown Timer, and Pacer modes for training.
- 50M Water Resistance suitable for everyday outdoor use.



An overview of the Apache-46's core functions: Compass, Altimeter, Barometer, Pedometer, EL Backlight, and Chronograph.

## Product Overview Video

Your browser does not support the video tag.

This video provides a general introduction to the NORTH EDGE Apache-46 watch, showcasing its design and some key features. It offers a visual overview of the product.

## SETUP

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### Battery Installation

The watch uses a CR2032 battery. Ensure the battery is correctly installed with the positive (+) side facing up. If replacing the battery, consult a professional to maintain water resistance.



The back of the watch, indicating water resistance and battery type (CR2032).

## Initial Time Setting

Upon first use or after battery replacement, set the current time and date. Refer to the "Operating Instructions" section for detailed instructions on adjusting these settings.

## Pedometer Settings

For accurate activity tracking, configure your personal settings:

1. Enter Pedometer mode.
2. Access the settings menu (usually by holding a specific button, refer to the "Operating Instructions" section for button functions).
3. Set your unit of measurement (e.g., metric/imperial).
4. Input your stride length for accurate distance calculation.
5. Enter your weight for more precise calorie expenditure estimates.

## Compass Calibration

Before using the compass for the first time or after a battery change, calibration is required for accurate readings. Perform calibration in an open area away from metal objects or strong magnetic interference.

1. Enter Compass mode by pressing the **COMP** button.
2. Keep the watch horizontal and steady during the measurement.
3. Rotate the watch twice in the same direction (a full 360-degree rotation) to complete calibration.

A visual guide for compass calibration:



This image illustrates the four steps for compass calibration: entering compass mode, maintaining a horizontal position, reading the initial direction, and performing two full rotations for calibration. It also shows a visual representation of the watch's compass display.

## OPERATING INSTRUCTIONS

The NORTH EDGE Apache-46 features multiple modes accessible via the side buttons. Familiarize yourself with the button layout:

- **LIGHT** button (top left): Activates backlight.
- **MODE** button (bottom left): Cycles through main modes.
- **BARO** button (top right): Accesses Barometer mode.
- **ALTI** button (bottom right): Accesses Altimeter mode.
- **COMP** button (center right, often labeled D): Accesses Compass mode.

### Time Mode

This is the default display mode, showing current time, date, and day of the week. To adjust time settings, press and hold the **MODE** button until the display flashes, then use the **BARO** and **ALTI** buttons to adjust values and **MODE** to confirm and move to the next setting.

### EL Backlight

Press the **LIGHT** button to illuminate the display for approximately 3 seconds. This feature is designed for low-light conditions and may be less visible in strong sunlight.

**APACHE-46**  
**TACTICAL OUTDOOR WATCH**  
Essential tools on your wrist for exploring more, measuring more and conquering more.

**ALTIMETER**  
Measure altitude changes and elevation reference.

**BAROMETER**  
Monitor air pressure and 24H pressure trend.

**COMPASS**  
Digital compass for direction reference wherever you go.

**PEDOMETER**  
Track steps, distance, calories and exercise time.

**CHRONOGRAPH**  
Stopwatch, lap record and training timing tools.

**COUNTDOWN TIMER**  
Countdown timer for workouts and daily activities.

**PACER**  
Metronome pace setting to keep your rhythm.

**EL BACKLIGHT**  
Press LIGHT button for about 3 seconds to illuminate.

**50M**  
Water Resistant

**46MM**  
Case Diameter

**NYLON**  
Durable Strap

**STAINLESS STEEL BUCKLE**

**CR2032**  
Battery

Note: All data is for reference only and cannot be used as medical data.

This image displays the watch with the EL backlight active, making the digital numbers and icons visible in a dark environment. It highlights the soft green glow for nighttime viewing.

## Altimeter Mode

Press the **ALTI** button to enter Altimeter mode. The watch displays current altitude and an altitude trend graph over the last 24 hours. The measurement range is from -698 to 9164 meters.

## Barometer Mode

Press the **BARO** button to enter Barometer mode. This mode shows current air pressure (hPa) and a 24-hour air pressure trend graph. The measurement range is 300 to 1100 hPa. This data can indicate weather trends (rising, steady, falling pressure).



This image displays the watch in Altimeter and Barometer modes, showing current readings and historical trend graphs for both altitude and air pressure. It also includes weather icons indicating sunny, cloudy, rain, and storm conditions based on pressure changes.

## Pedometer Mode

The pedometer tracks your daily activity. In this mode, you can view steps taken, distance covered, calories burned, and exercise time. Press the **E** button (often the **ALTI** button in pedometer mode) to switch between these data displays.

## Training Timer Tools

The watch includes several tools for training and timing:

- **Chronograph (Stopwatch):** Measures elapsed time and supports up to 100 lap records.
- **Countdown Timer:** Set a specific duration for interval training or other timed activities, up to 99 hours, 59 minutes, 59 seconds.
- **Pacer/Metronome:** Helps maintain a steady rhythm with adjustable frequency (30-180 BPM).



This image illustrates the watch's display in Stopwatch mode (showing elapsed time and split time), Countdown Timer mode (showing a set timer), and Pacer/Metronome mode (showing beats per minute).

## Dual Time, Alarms, and Hourly Chime

The watch supports dual time display, two independent alarms, and an hourly chime function. Navigate through modes using the **MODE** button to access these features and adjust settings as needed.

## MAINTENANCE

### Water Resistance

The watch is rated for 50M (5 ATM) water resistance. This means it is suitable for everyday use, showering, and swimming in shallow water. Do not press any buttons underwater, and avoid exposure to hot water or steam, as this can compromise the seals.

### Cleaning

Clean the watch case and strap regularly with a soft, damp cloth. For nylon straps, mild soap and water can be used, then rinse thoroughly and allow to air dry. Avoid harsh chemicals or abrasive materials that could damage the watch.

### Battery Replacement

The watch uses a CR2032 battery. When the battery is low, the display may dim or functions may become unreliable. It is recommended to have the battery replaced by a qualified technician to ensure proper sealing and maintain water resistance.

## TROUBLESHOOTING

### Q: Why does the temperature reading seem inaccurate?

A: The temperature sensor can be affected by body heat when the watch is worn. For a more accurate ambient temperature reading, remove the watch and place it in a shaded, well-ventilated area for 20-30 minutes.

**Q: How can I improve pedometer data accuracy?**

A: Ensure your personal settings (unit, stride length, and weight) are correctly entered in the pedometer settings menu. Accurate input helps the watch estimate steps, distance, and calories more precisely.

**Q: The compass is not providing accurate directions.**

A: Calibrate the compass before first use or after battery replacement. Perform calibration in an open area, away from metal objects or strong magnetic fields. Keep the watch horizontal during measurement and calibration. Refer to the "Setup" section for detailed steps.

**Q: Is the watch suitable for small wrists?**

A: The APACHE-46 is designed for wrists with a circumference of approximately 160–220mm (6.3–8.7 inches). If your wrist is smaller than 160mm, the watch may feel large.

**Q: The watch time is running fast.**

A: If the watch consistently gains time, it may indicate an internal issue. Contact customer support for assistance.

## SPECIFICATIONS

Feature	Detail
Model Name	APACHE-46
Brand	NORTH EDGE
Display Type	Digital
Watch Movement Type	Quartz
Case Material	Metal
Band Material	Nylon
Case Diameter	46mm (Note: Some specifications may list 50mm, but the product title and description refer to 46mm.)
Case Thickness	14 Millimeters
Band Width	24 Millimeters
Water Resistance Depth	50 Meters / 164 Feet
Battery Type	CR2032 (1 included)
Features	Altimeter, Barometer, Compass, Pedometer, Chronograph, Countdown Timer, Pacer, EL Backlight, Dual Time, Alarms, Hourly Chime

## WARRANTY AND SUPPORT

### Warranty Information

This NORTH EDGE Apache-46 watch comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear.

### Customer Support

For technical assistance, warranty claims, or any questions regarding your NORTH EDGE Apache-46 watch, please contact the manufacturer directly. You can often find contact information on the product packaging or through the official NORTH EDGE website.

The product is sold by **NORTH EDGE**. For specific inquiries related to your purchase, refer to your retailer's customer service channels.