User's Guide

EXTECH® INSTRUMENTS

Radio Controlled Clock and Weather Station
Model WTH100
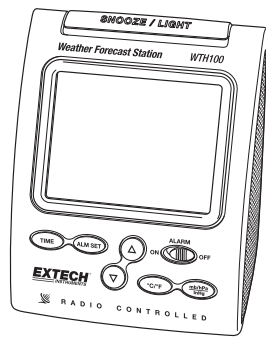
Introduction

Congratulations on your purchase of the Extech WTH100 Radio Controlled Wireless Weather Station. This device is shipped fully tested and calibrated and, with proper use, will provide years of reliable service.

Operation

GETTING STARTED

1. Remove the battery door by slightly pressing the latch upwards.
2. Insert two new AA size batteries as per indication marked on the battery compartment.
3. Close the battery door.
4. Press the reset button (located on back of clock). The Radio Controlled Clock will automatically start scanning for the radio controlled time signal.
5. The default time zone is Pacific zone. If you are in this time zone, changing is not required. Otherwise, change to the correct time zone (Refer to 'Setting the Time Zone'.)

Notes

In some cases, the clock may be unable to receive a signal immediately. Due to atmospheric disturbances during the day, the best reception often occurs at night.

The clock is susceptible to interference. Always place the clock away from devices such as TV's and computers. Avoid placing clock on or near a metal object.

Do not start the clock in a moving vehicle. Avoid closed areas.

FUNCTION KEYS

TIME key:	Push to toggle from day and month to year display. Push and hold to enter time set mode.
ALM SET key:	Push to view alarm set time. Push and hold to enter alarm set mode.
ALARM On/OFF	Slide switch to turn alarm on or off..
°C/°F key:	Selects unit of display for temperature. Press and hold for 3 seconds for signal reception test.
Mb/hPA/InHg:	Display air pressure in inches of mercury or millibars AND hectopascals.
SNOOZE/LIGHT	Turns on Backlight and turns alarm off in snooze mode. Snooze interval is 4 minutes.

WEATHER FORECAST

This device forecasts the next 12 to 24 hours of weather within a 30-50 km (19-31 mile) radius based on barometric pressure trend readings and indicated by these icons.
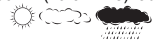
MOON PHASE

Moon phase is indicated by the following icons

SIGNAL STRENGTH INDICATOR

The signal indicator displays signal strength in 3 levels. Wave segment flashing means time signals are being received. The signal quality falls into three categories:

Bad Signal Quality   Acceptable   Excellent

SETTING THE TIME ZONE

Make sure the time zone is already set to appropriate location. The default time zone is Pacific zone. If your location is out of Pacific zone press the ▲ key to select the proper time zone. (P=Pacific M=Mountain C=Central E=Eastern)

Support line (781) 890-7440
Technical Support: Extension 200; E-mail: support@extech.com
Repair & Returns: Extension 210; E-mail: repair@extech.com
Product specifications subject to change without notice
For the latest version of this User Guide, Software updates, and other up-to-the-minute product information, visit our website: www.extech.com
Extech Instruments Corporation, 285 Bear Hill Road, Waltham, MA 02451

Copyright © 2007 Extech Instruments Corporation
All rights reserved including the right of reproduction in whole or in part in any form.
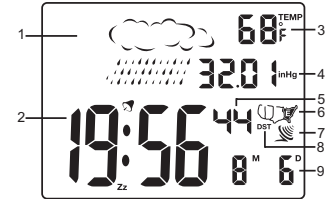

FRONT PANEL

1. Snooze/Backlight
2. LCD
3. Time
4. Alarm Set
5. Down
6. Up
7. °C/°F
8. Alarm On/Off
9. Air Pressure

LCD DISPLAY

1. Weather Forecast/Moon Phase
2. Time
3. Temperature
4. Atmospheric Pressure
5. Seconds/Day of Week
6. Time Zone
7. Signal Strength
8. Daylight Savings Time
9. Day/Month/Year/Alarm Time

SECONDS, DAY OF WEEK AND YEAR DISPLAY

The clock alternates between displaying seconds and the day of the week.
To display the year, press TIME. The year will display. Press TIME again to return do day and month or clock will switch back automatically after 30 seconds.

SETTING THE ALARM

1. With the clock in normal time display mode press and hold ALM SET button.
2. Press or hold ▲ or ▼ to change hour.
3. Press ALM SET again. The minute digits will flash
4. Press or hold ▲ or ▼ to change minutes
5. Press ALM SET to save.
6. Slide ALARM button to ON position. and **Zz** appear. Your alarm is now set
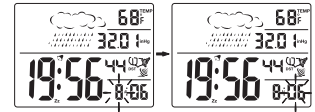
SETTING TIME MANUALLY

1. Remove battery for 30 seconds.
2. Press TIME until HOUR digits flash. Press or hold ▲ or ▼ to change hour
3. Press TIME. MINUTES flash. Press or hold ▲ or ▼ to change minutes.
4. Press TIME again to step through Hours > Minutes > Seconds > Year .> Month > Date>Language (GB-FR-DE-ES-IT). Press or hold ▲ or ▼ to change.
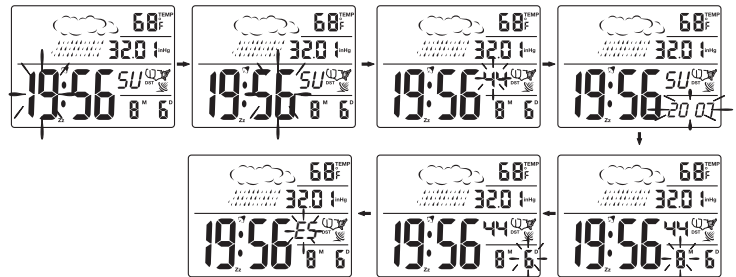
5. Press TIME to save.

SNOOZE FUNCTIONS

1. When alarm goes off, press SNOOZE
2. Clock will snooze for 4 minutes

12/24 Hour Clock

In clock mode press ▼ to switch time display from 12 hour clock (am/pm) to 24 hour clock.

SPECIFICATIONS
Battery Operated:	2 x AAA
Battery Life:	Approximately 1.5 years
Pressure Range	850 mb to 1050 mb
Temperature Range	-10C to 50C/ +14F to 122F

Warranty