User's Manual

EXTECH
INSTRUMENTS

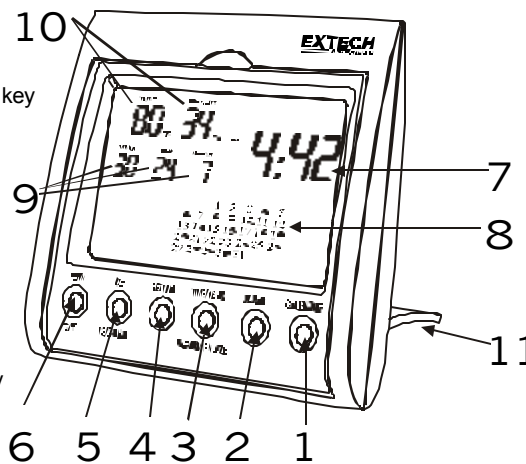## Hygro-Thermometer Calendar Clock
Model 445800

Introduction

Congratulations on your purchase of Extech's Hygro-Thermometer Calendar Clock. This professional meter, with proper care, will provide years of safe reliable service.

Specifications

Temperature Range	14 to 140°F or -10 to 60°C (selectable)
Humidity Range	20% to 90% RH
Accuracy	Temperature: 5°F (±3°C)
	Relative Humidity: ±5%RH from 30 to 80% RH
Calendar range	Up to 12-31-2050 (December 31, 2050)
Alarm snooze	4-minute interval2 (4 times max.)
Clock	12 hour or 24 hour clock (selectable)
Battery	One CR-2032 button battery
Dimensions/Weight	3.4 x 3.5 x 1" (86.4 x 89 x 25.4mm) / 5oz.

Meter Description

1. Calendar key
2. Alarm key
3. Time/Year and Alarm/Snooze key
4. Setting key
5. UP and 12/24 Hour key
6. Down and C/F key
7. Minutes:Seconds display
8. Monthly calendar display
9. Week/Day/Month display
10. Temperature/Humidity display
11. Tilt stand

Operation

Powering the unit

Open the battery compartment and remove the plastic battery tab to turn on the unit.

Real Time Setting

1. Press and hold the **Setting** key for 1 second until the hours display blinks.
2. Use the **Up**/**Down** keys to set the correct value (observe the PM setting).
3. The **Setting** key advances through the settings (Hour / Minute / Day / Month / Year).

Alarm Setting

1. Press the **Alarm** key to enter the Alarm mode.
2. Press the **Setting** key to advance through the settings (Hour, Minute, exit).
3. Press the **Up or Down** key to set the value (observe the PM setting).
4. Press the **Alarm** key and then the **Alarm/Snooze** key to toggle the functions.

Calendar

1. Press the **Calendar** key to enter the calendar mode.
2. Press the **Up or Down** key to advance through the months.
3. Press the **Calendar** key to exit this mode.

°C/°F

Press the °**C**/°**F** key to toggle the units' display between °C and °F.

12hour/24hour Clock

Press the **12/24 HR** key to toggle between 24- and 12-hour clock displays.

Battery Replacement

1. Open the rear battery compartment door
2. Note the orientation and polarity of the existing battery
3. Replace the 2032 button battery
4. Affix the battery compartment door

Calibration and Repair Services

Extech offers complete repair and calibration services for all of the products we sell. For periodic calibration, NIST certification or repair of any Extech product, call customer service for details on services available. Extech recommends that calibration be performed on an annual basis to insure calibration integrity.

Warranty

EXTECH INSTRUMENTS CORPORATION warrants this instrument to be free of defects in parts and workmanship for one year from date of shipment (a six month limited warranty applies on sensors and cables). If it should become necessary to return the instrument for service during or beyond the warranty period, contact the Customer Service Department at (781) 890-7440 for authorization. A Return Authorization (RA) number must be issued before any product is returned to Extech. The sender is responsible for shipping charges, freight, insurance and proper packaging to prevent damage in transit. This warranty does not apply to defects resulting from action of the user such as misuse, improper wiring, operation outside of specification, improper maintenance or repair, or unauthorized modification. Extech specifically disclaims any implied warranties or merchantability or fitness for a specific purpose and will not be liable for any direct, indirect, incidental or consequential damages. Extech's total liability is limited to repair or replacement of the product. The warranty set forth above is inclusive and no other warranty, whether written or oral, is expressed or implied.

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Tech Support Hotlines
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