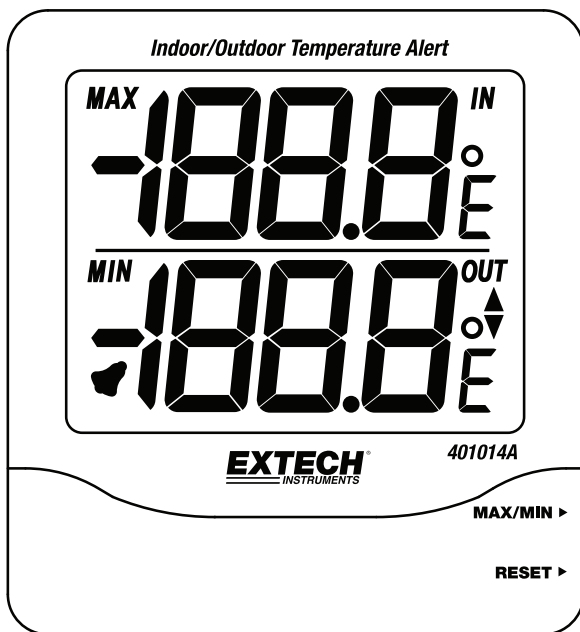


Indoor/Outdoor Temperature Alert

Model 401014A



Additional User Manual Translations available at www.extech.com

Introduction

Congratulations on your purchase of the 401014A Indoor/Outdoor Temperature Alert. This thermometer simultaneously displays indoor temperatures (internal sensor) and outdoor temperatures (integrated external weatherproof sensor). The 401014A has a MAX/MIN recording utility and a user programmable high and low alarm for outdoor temperature monitoring. We ship this meter fully tested and calibrated and, with proper use, it will provide years of reliable service. Please visit our website (www.extech.com) for additional information including the latest version of this User Manual and Customer Support.

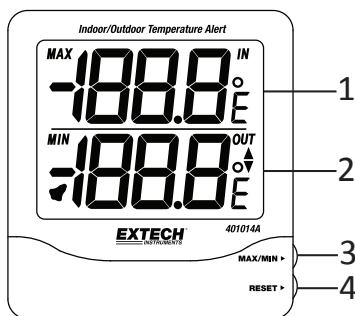
Features

- Large, easy-to-read LCD
- Indoor and outdoor temperature displays
- User programmable high/low audible alarm for outdoor temperature monitoring
- Memory recording for MAX/MIN readings with reset button
- Water resistant/splash proof sensor for outdoor temperature measurements
- Includes tilt-stand, mounting bracket, battery, and 9.6 ft. (3m) thin cable for easy installation of external sensor

Meter Description

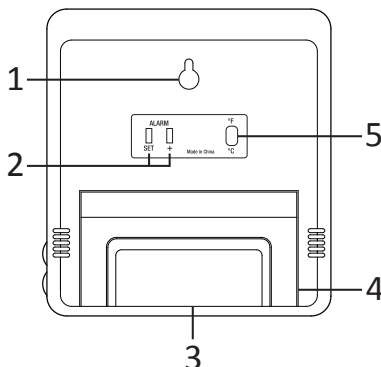
Front Description

1. Indoor temperature display
2. Outdoor temperature display
3. MAX/MIN recording button
4. Reset button to clear MAX/MIN readings



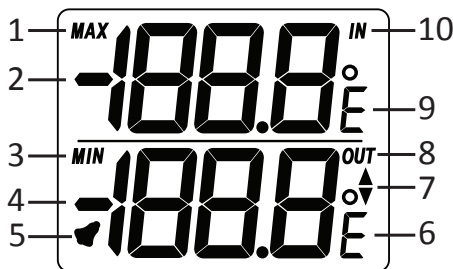
Back Description

1. Mounting bracket
2. Alarm adjustments (SET and '+')
3. Battery compartment cover
4. Tilt stand
5. Temperature units select switch



LCD Description

1. Maximum display icon
2. Indoor temperature reading
3. Minimum display icon
4. Outdoor temperature reading
5. Alarm ON/OFF icon
6. Outdoor temperature units (F/C) icon
7. Alarm setpoint programming icons (up arrow for high alarm setpoint and down arrow for low alarm setpoint)
8. Outdoor temperature icon
9. Indoor temperature units (F/C) icon
10. Indoor temperature icon



Operation

1. Remove the battery safety strip from the battery compartment to power the meter. See the Maintenance section for battery replacement instructions.
2. Remove the protective adhesive cover from the LCD display.
3. Select the temperature units (C/F) using the temperature switch on the back of the meter.
4. Position the meter in the desired indoor area and run the external temperature probe to outside area of interest.
5. The upper display indicates indoor temperature. The lower display, outdoor temperature.

MAX/MIN Readings

1. This meter displays the maximum and minimum readings stored over time. To record and view the readings:
 - a. Press the MAX/MIN button. The display shows the highest and lowest indoor temperatures measured since the RESET button was last pressed. The MAX and MIN icons appear next to their respective readings.
 - b. Press the MAX/MIN button again. The display shows the highest and lowest outdoor temperatures measured since the RESET button was last pressed. The MAX and MIN icons appear next to their respective readings.
 - c. Press the MAX/MIN button again to return to normal operation, the MAX and MIN icons will switch off.
2. To clear the MAX/MIN readings, short press the RESET button while in the MAX/MIN mode. When reset, the MAX/MIN readings will show dashes and the meter will begin recording new MAX/MIN readings. You can erase indoor and outdoor MAX/MIN memories independently.

Audible High/Low Alarm (outdoor temperature only)

1. Long press the **SET** button (back of meter) to access the high alarm setup mode. The lower digits will flash and the up arrow icon will appear.
2. Short press the **<+>** button to change the high alarm limit* (long press to scroll faster).
3. Short press the **SET** button to access the low alarm setup mode. The lower digits will flash and the down arrow icon will appear.
4. Short press the **<+>** button to change the low alarm limit* (long press to scroll faster).

- 5. Short press the **SET** button to return to the normal operating mode*.
 - 6. Short press the **<+>** button (back of meter) to activate/deactivate the outdoor temperature alarm. The alarm bell icon will appear on the LCD when the alarm is active.
 - 7. When the measured outdoor temperature reaches the high or low temperature limit, the buzzer will sound for one (1) minute. Press the MAX/MIN or RESET button to silence the buzzer before the 1-minute interval elapses.
 - 8. After an alarm has been silenced either by button-press or 1-minute time-out, you have to press the **<+>** button to switch off the alarm bell icon and then press the **<+>** button again to re-enable the alarm, otherwise the alarm will be disabled even though the alarm bell icon is displayed.
- *Notes:
- The alarm is adjustable in increments of 1.8°F and 1.0°C.
 - If no buttons are pressed for approximately 7 seconds while programming the high and low alarm limits, the meter will automatically return to the normal operating mode.

Maintenance

Battery Replacement

Replace the 1.5V ‘AAA’ battery located in the rear compartment as explained below.

- 1. Open the rear battery compartment by pushing the battery compartment cover downward, as indicated by the arrow.
- 2. Remove the old battery and replace with new battery observing correct polarity.
- 3. Close the compartment cover before use.

Safety: Please dispose of batteries responsibly, never dispose of batteries in a fire, batteries may explode or leak. When storing the meter for > 60 days, remove the battery and store separately.

Cleaning

Wipe the meter housing with a soft, damp cloth as needed. Use a mild detergent if necessary but do not use solvents or abrasives, as these can damage the meter housing and display area.

Specifications

Display	LCD, 1 in. (25mm) digit height
Range	Indoor (internal sensor): 14.0 to 140.0°F (-10.0 to 60.0°C) Outdoor (external sensor): -58.0 to 158.0°F (-50.0 to 70.0°C)
Accuracy	±1.8°F (1°C) from 32.0 to 122.0°F (0.0 to 50.0°C) ±3.6°F (2°C) -58.0 to 32.0°F (-50.0 to 0.0°C) and 122.0 to 158.0°F (50.0 to 70.0°C)
Battery	One (1) ‘AAA’ 1.5 V battery
Cable	Outdoor temperature sensor cable length: 9.6 ft. (3m)
Dimensions	4.4 x 4.0 x 0.9” (112 x 102 x 22mm)
Weight	6.5 oz. (186g)

Warranty

*FLIR Systems, Inc. warrants this Extech Instruments brand device to be free of defects in parts and workmanship for **one year** from date of shipment (a six month limited warranty applies to 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 for authorization. Visit the website www.extech.com for contact information. A Return Authorization (RA) number must be issued before any product is returned. 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. FLIR Systems, Inc. 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. FLIR'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.*

Calibration, Repair, and Customer Care Services

FLIR Systems, Inc. offers repair and calibration services for the Extech Instruments products we sell. NIST certification for most products is also provided. Call the Customer Service Department for information on calibration services available for this product. Annual calibrations should be performed to verify meter performance and accuracy. Technical support and general customer service is also provided, refer to the contact information provided below.

Support Lines: U.S. (877) 239-8324; International: +1 (603) 324-7800

Technical Support: Option 3; E-mail: support@extech.com

Repair & Returns: Option 4; E-mail: repair@extech.com

Product specifications are subject to change without notice

Please visit our website for the most up-to-date information

www.extech.com

FLIR Commercial Systems, Inc., 9 Townsend West, Nashua, NH 03063 USA

ISO 9001 Certified

Copyright © 2018 FLIR Systems, Inc.

All rights reserved including the right of reproduction in whole or in part in any form

www.extech.com

Garantie

FLIR Systems, Inc. garantit que cet appareil Extech Instruments est exempt de défauts matériaux et de fabrication pendant un an à partir de la date d'envoi (une garantie limitée de six mois s'applique aux capteurs et aux câbles). Si le renvoi de l'appareil pour réparation devient nécessaire durant ou après la période de garantie, contactez le service client pour autorisation. Pour obtenir les coordonnées, visitez le site Web suivant : www.extech.com. Un numéro d'autorisation de retour (AR) doit être délivré avant tout retour de produit. L'expéditeur prend à sa charge les frais d'expédition, le fret, l'assurance et l'emballage correct de l'appareil afin de prévenir toute détérioration durant le transport. Cette garantie ne s'applique pas aux dommages imputables à l'utilisateur, tels que l'usage impropre ou abusif, un mauvais câblage, une utilisation non conforme aux spécifications, un entretien ou une réparation incorrecte, ou toute modification non autorisée. FLIR Systems, Inc. déclinera spécifiquement toute garantie ou qualité marchande ou aptitude à l'emploi prévu, et ne sera en aucun cas tenu responsable pour tout dommage conséquent, direct, indirect ou accidentel. La responsabilité totale de FLIR est limitée à la réparation ou au remplacement du produit. La garantie définie ci-dessus est inclusive et aucune autre garantie, écrite ou orale, n'est exprimée ou implicite.

Calibrage, réparation et services après-vente

FLIR Systems, Inc. offre des services de calibrage et de réparation pour les produits Extech Instruments que nous commercialisons. Nous fournissons également une certification NIST pour la plupart des produits. Contactez notre service client pour toute information sur les services de calibrage disponibles pour ce produit. Un calibrage doit être effectué chaque année pour vérifier les performances et la précision du mètre. Nous offrons également une assistance technique et un service à la clientèle. Veuillez vous reporter aux coordonnées fournies ci-dessous.

Lignes d'assistance: États-Unis (877) 239-8324;

International: +1 (603) 324-7800

Service d'assistance technique : Option 3 ; E-mail : support@extech.com

Réparations et retours : Option 4 ; E-mail : repair@extech.com

Les spécifications produit sont sujettes à modifications sans préavis.

Pour les toutes dernières informations, veuillez visiter notre site Web.

www.extech.com

FLIR Commercial Systems, Inc., 9 Townsend West, Nashua, NH 03063 USA

Certifié ISO 9001

Copyright © 2018 FLIR Systems, Inc.

Tous droits réservés, y compris la reproduction partielle ou totale sous quelque forme que ce soit.

www.extech.com

Garantía

FLIR Systems, Inc., garantiza este dispositivo marca Extech Instruments para estar libre de defectos en partes o mano de obra durante un año a partir de la fecha de embarque (se aplica una garantía limitada de seis meses para cables y sensores). Si fuera necesario regresar el instrumento para servicio durante o después del periodo de garantía, llame al Departamento de Servicio a Clientes para obtener autorización. Visite www.extech.com para Información de contacto. Se debe expedir un número de Autorización de Devolución (AD) antes de regresar cualquier producto. El remitente es responsable de los gastos de embarque, flete, seguro y empaque apropiado para prevenir daños en tránsito. Esta garantía no se aplica a defectos resultantes de las acciones del usuario como el mal uso, alambrado equivocado, operación fuera de las especificaciones, mantenimiento o reparación inadecuada o modificación no autorizada. FLIR Systems, Inc., rechaza específicamente cualesquier garantías implícitas o factibilidad de comercialización o idoneidad para cualquier propósito determinado y no será responsable por cualesquier daños directos, indirectos, incidentales o consecuentes. La responsabilidad total de FLIR está limitada a la reparación o reemplazo del producto. La garantía precedente es inclusiva y no hay otra garantía ya sea escrita u oral, expresa o implícita.

Servicios de calibración, reparación y atención a clientes

FLIR Systems, Inc., ofrece servicios de reparación y calibración para los productos que vendemos de Extech Instruments. Además ofrecemos certificación NIST para la mayoría de los productos. Llame al Departamento de Servicio al Cliente para solicitar información de calibración para este producto. Para verificar el funcionamiento y precisión se debe realizar la calibración anual. Además se provee Soporte Técnico y servicios generales al cliente, consulte la información de contacto en seguida.

Líneas de soporte: EE.UU. (877) 239-8324; Internacional: +1 (603) 324-7800

Soporte Técnico Opción 3; correo electrónico: support@extech.com

Reparación / Devoluciones: Opción 4; correo electrónico: repair@extech.com

Las especificaciones del producto están sujetas a cambios sin aviso

Por favor visite nuestra página en Internet para la información más actualizada

www.extech.com

FLIR Commercial Systems, Inc., 9 Townsend West, Nashua, NH 03063 USA

Certificado ISO 9001

Copyright © 2018 FLIR Systems, Inc.

Reservados todos los derechos, incluyendo el derecho de reproducción total o parcial en cualquier medio

www.extech.com