

# English

(MANUAL FOR TS03-F & TS13-F)

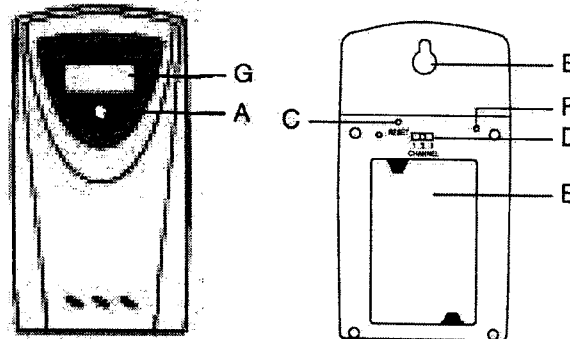
## THERMO-SENSOR

USER'S MANUAL

### INTRODUCTION

Congratulations on your purchase of the cable free sensor

### MAIN FEATURES: REMOTE UNIT



#### A LED INDICATOR

Flashes once when the remote unit transmits a reading  
Flashes twice when low battery is detected on sensor unit

#### B BATTERY COMPARTMENT

Accommodates two AA-size batteries

#### C RESET BUTTON

Press to reset all setting if you have selected different channel.

#### D CHANNEL SELECTOR

Select the channel before you install batteries.

#### E WALL-MOUNT RECESSED HOLE

Supports the remote until in wall-mounting

#### F °C/ °F BUTTON

#### G LCD DISPLAY

### BEFORE YOU BEGIN

For best operation,

1. Insert batteries for remote units before doing so for the main unit.
2. Place the main unit as close as possible next to the remote unit.
3. Position the remote unit and main unit within effective transmission range, which, in usual circumstances, is 20 to 30 meters.

Note that the effective range is vastly affected by the building materials and where the main and remote units are positioned. Try various set-ups for best result. Though the remote units are weather proof, they should be placed away from direct sunlight, rain or snow.

### BATTERY INSTALLATION: REMOTE UNIT

1. Remove the screws on the battery compartment.
2. Select the channel
3. Install 2 batteries (R6, UM-3 or "AA" size 1.5V) strictly according to the polarities shown.
4. Replace the battery compartment door and secure its screws.

### TRANSMISSION COLLISION

Signals from other household devices, such as door bells, home security systems and entry controls, may interfere with those of this product and cause temporarily reception failure. This is normal and does not affect the general performance of the product. The transmission and reception of temperature readings will resume once the interference recedes. Different channel may be reduce the interference.

## PRECAUTIONS

This product is engineered to give you years of satisfactory service if you handle it carefully. Here are a few precautions:

1. Do not immerse the unit in water.
2. Do not clean the unit with abrasive or corrosive materials. They may scratch the plastic parts and corrode the electronic circuit.
3. Do not subject the unit to excessive force, shock, dust, temperature or humidity, which may result in malfunction, shorter electronic life span, damaged battery and distorted parts.
4. Do not tamper with the unit's internal components. Doing so will invalidate the warranty on the unit and may cause unnecessary damage. The unit contains no user-serviceable parts.
5. Only use fresh batteries as specified in the user's manual. Do not mix new and old batteries as the old ones may leak.
6. Always read the user's manual thoroughly before operating the unit.
7. Used batteries shall be disposed off environmentally beneficials.
8. Do not throw away the article, but dispose off environmentally beneficials.
9. Use exsisting collecting points or special waste dumps for this purpose.

## SPECIFICATIONS

|                           |                                             |
|---------------------------|---------------------------------------------|
| Proposed operating range  | : -10.0°C to +60.0°C<br>(14.0°F TO 140.0°F) |
| RF Transmission Frequency | : 433 MHz                                   |
| No. of Remote unit        | : 3                                         |
| RF Transmission Range     | : Maximum 30 meters<br>(open area)          |
| Temperature sensing cycle | : around 43~47 seconds                      |

Power  
use 2 pcs R6, UM-3 or "AA" 1.5V battery

Dimension  
55.5 x 101 x 24 mm  
60g (without battery)

## CAUTION

- The content of this manual is subject to change without further notice.
- Due to printing limitation, the displays shown in this manual may differ from the actual display.
- The contents of this manual may not be reproduced without the permission of the manufacturer.

## FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modification to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment had been tested and found to comply with the limits for a 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, installed and used in accordance with the instructions, may cause harmful interference to radio communications.

There is no guarantee 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 turning the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna
2. Increase the separation between the equipment and receiver.
3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio / TV technician for help.

## STANDARD WARRANTY INFORMATION

This product is warranted from the manufacturing defects for one year from date of retail purchase. It does not cover damages or wear resulting from accident, misuse, abuse, commercial use, or unauthorized adjustment and/ or repair.

Note that online product registration is required to ensure valid warranty protection. To register your product, go to our Company website at: [www.hidekielectronics.com](http://www.hidekielectronics.com). Click Online Product Registration under the Customer Service menu. Should you require assistance with this product and its operation, please contact our Customer Service Hotline 1(866) 443 3543. Please direct all returns to the place of the original purchase. Should this not be possible, contact Customer Service Hotline for assistance and to obtain a Return Merchandise Authorization (RMA). Returns without a return authorization will be refused. Please retain your original receipt as you may be asked to provide a copy for proof of purchase. Hideki Electronics, Inc. reserves the right to repair or replace the product at our option.