MODEL: TX3

Operation Instruction

● Outdoor Part:

1. **Channel Switch: Change the channel Ch1,ch2,ch3.**
2. **C/F: Change the temperature between C and F.**
3. **Test : Teansite a test single.**

● Indoor Part:

I. Main Functions:

4. **seven languages to show the day: English, Germany, French, Italian, Spanish, Dutch, Danish**
5. **indoor temperature range: 0℃--50℃, sampling cycle: 12 seconds**
6. **outdoor temperature with RF: up to 3 channels**
7. **indication of the comfort index**
8. **the function of Alarm/ Snooze**
9. **moon phase**

II. Power-On and reset

1. **When Power-On and reset, LCD full display for 3 seconds → enter the normal state after "Beep" → check temperature**
2. **The calendar defaults 0:00 January 1, 2004**
3. **Alarm defaults 0:00**
4. **Temperature scales defaults Celius degree ℃. Time system defaults 24Hr.**

III. instruction of operating the KEYS

3.1 Key functions

Six functional keys: Set, ALM, Up, Down, Snooze, Alert;Channel

Function / Operation		Set	ALM	ALERT	UP	Down	Snooze	Channel
standard mode	Click	-----	Alarm on/off	On/Off temperature Alarm	12hr/24hr switchable	°C/°F switchable	enter into snooze state	Switchable between CH1, 2, 3
	Hold	enter into clock setting	enter into alarm setting	Enter temperature alert range setting	-----	-----	-----	clear current registered ch
Time set	Click	Confirm the setting	-----		one step forward	one step backward	-----	-----
	Hold	-----	-----		8steps/second forward	8steps/second backward	-----	-----
Alarm set	Click	-----	confirm the setting		one step forward	One step backward	-----	-----
	Hold	-----	-----		8steps/second forward	8steps/second backward	-----	-----
Temp alert set	Click	-----	-----	Confirm the Setting item	one step forward	one step backward	-----	Choose the channel
	Hold	-----	-----		8steps/second forward	8steps/second backward	-----	-----

3.2 Normal states

1. **hold "Set" for 2 seconds to enter into time setting**
2. **click "ALM" to switch the alarm on/off**
3. **hold "ALM " for 2 seconds to enter into Alarm setting**
4. **Press "ALERT"key to switch temperature alert on/off**
5. **Hold "ALERT"key 2 seconds to enter temperature alert setting**
6. **click "Up" to switch between 12hr/24hr**
7. **press "Down" to switch between °C/°F**
8. **when ALARM rings, click "snooze" to enter into the snooze state every 5 minutes**
9. **press "Channel" to switch RF channel, CH1 →CH2→CH3**
10. **hold "Channel" key for 2 seconds to clear out all data of current "Channel"**

3.3 Temperature alert setting

1. **Hold"ALERT"2 seconds into ALERT setting**

2. **Setting sequence :upper limited →lower limit→exit**
3. **Press"CHANNEL"key when setting upper limited and lower limited to change different channel.**
4. **Default of upper limited is:+70°C ,lower limited is -50°C**
5. **There will have 1Hz flashing during setting**
6. **Press"ALERT"key confirm the end of setting then enter into next setting.**
7. **Click "Up" one time, the setting will go ahead for one step; hold the keys for 2 seconds, it will run forward by 8 steps/seconds.**
8. **Press "Down/CF" one time, the setting will backward for one step; hold for 2 seconds, it will run back by 8 steps/second.**
9. **The system will exit automatically if no key is operated in 8 seconds.**
10. **Alert will automatically turn on when setting is finished.**

3.4 Time set

1. **hold "Set" key for 2 seconds to enter into time setting**
2. **the sequence of time setting: Year(2000-2050) →Month→ Date → Language → Hour → Minute → Time zone →Exit**
3. **there will have 1Hz flashing during setting**
4. **press "Set" to confirm the setting, and enter the next setting state**
5. **press "Up" one time, the setting will go ahead for one step; hold the key for 2 seconds, it will run forward by 8 steps/second.**
6. **press "Down" one time, the setting will backward for one step; hold for 2 seconds, it will run back by 8 steps/second.**
7. **moon phase is changed accordingly**
8. **the system will exit automatically if no key is operated in 8 seconds.**

3.5 Alarm set

1. **hold "ALM" key for 2 second to enter into alarm setting**
2. **the sequence of alarm setting: Hour → Minute → exit**
3. **there will have 1Hz flashing during setting**
4. **press "ALM" to confirm the setting, and enter the next setting state**
5. **press "Up" one time, the setting will go ahead for one step; hold the keys for 2 seconds, it will run forward by 8 steps/seconds.**
6. **press "Down" one time, the setting will backward for one step; hold for 2 seconds, it will run back by 8 steps/second.**
7. **the system will exit automatically if no key is operated in 8 seconds.**

IV. Function and effect

4.1 The receiving function of RF

1. **after installing the battery and checking temperature, it will enter RF receiving state automatically for 3 minutes.**
2. **under normal display mode, hold the "Channel" key for 2 seconds to clear out the channel information**
3. **if there is no effective signal with same ID code received for the current channel in 35 minutes, the temperature of that CH will shows "--.-".**
4. **the temperature display will resume back when the correct signal is received again**

4.2 The function of alarm

1. **the BUZZER will ring for 2 seconds as below:**
   a. **0 – 10 sec.: one "beep" per second**
   b. **10 – 20 sec.: two "beep" per second**
   c. **20 – 30 sec.: four "beep" per second**
   d. **after 30 sec.: "beep" continuously**
2. **when ringing, click "Snooze" key once to enter into 5 minutes snooze states, exit if any other key is clicked.**

4.3 The function of temperature

1. **the indoor temperature display range: 0℃ -- +50℃ (32F -- +122F)**
2. **the indoor temperature proposed operating range: 0℃ -- +40℃ (32F -- +104F)**
3. **the outdoor temperature display range: - 50℃ -- +70℃ (-58F -- +158F)**
4. **the outdoor temperature proposed operating range: -5℃ -- +45℃ (23F -- +113F)**
5. **the tolerance of the temperature: ±2℃**
6. **sampling period: 12 seconds.**
7. **the temperature sampling will be held when the alarm is ringing**
8. **the RF Transmission Frequency: 433MHz**
9. **No. of Remote unit: Up to 3units**

Modifications not authorized by the manufacturer may void users authority to operate this device

Note:

This equipment has 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 generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, 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 the interference by one or more of the following measures:

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