

# TIMEX®

## INSTRUCTIONS FOR TIMEX MODEL TX6180 – WIRELESS WEATHER STATION WITH RADIO CONTROL ALARM CLOCK, BAROMETER, I/O TEMPERATURE AND HYGROMETER, SUNRISE – SUNSET, MOON PHASE, CALENDAR, BAROGRAPH, WEATHER FORECAST ICONS.



Congratulations on your purchase of your new Timex Wireless Weather Station. We thank you for your interest in this state of the art weather monitor. We know that you will get many years of use out of this latest addition to our fine line of precision weather products. We encourage you to read through this instruction booklet that carefully highlights all of the features of Timex model TX6180. Enjoy the useful weather data that you will be able to view hour by hour. Each of the instruments has been developed to respond to changing conditions as fast as they take place. Each precise instrument accurately reflects temperature, barometric pressure, and hygrometer readings. This model lets you know when the sun rises and sets in the top 50 locations in the USA and Canada. You will also be able to track the minimum and maximum temperatures and humidity readings. Your radio-controlled alarm clock is the most accurate clock in the world taking its constant radio signal from the Atomic Clock in Colorado. This radio signal will update the time on your clock to reflect the split second accuracy of that Atomic Clock. Again we thank you for your purchase. We appreciate your business.

Timex Weather Products  
Maverick Industries  
Edison, New Jersey

## ONE YEAR LIMITED WARRANTY

The warranty period is one year from the date of purchase. Please keep the sales slip as proof of purchase. During the one-year limited warranty period, any defective TX6180 weather stations can be sent to the service address shown below for repair or replacement at our option. You will receive a new or repaired device in return, free of charge. A full copy of the Limited Warranty is included in this manual.

After the end of the warranty period, you still have the option of sending the defective TX6180 to the address listed below in order to have it repaired at your expense. Cost for all repairs and return postage after the guarantee has expired, will be the responsibility of you the consumer.

The proper address to return in warranty and out of warranty product:

TIMEX WEATHER PRODUCTS

MAVERICK INDUSTRIES INC.

Repair Dept.

94 Mayfield Avenue

Edison, New Jersey 08837 USA

Tel: 732-417-9666 Fax: 732-417-9673

SETTING UP THE WEATHER STATION.

To hang the weather station on the wall, please use the molded hole on the back of the pictured device to attach it to a nail or screw on that wall.



The Arm of the base station will fold backwards if your preference is to have this rest on a table or desk. This arm has most of the set buttons and the operator activated data buttons on it.



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## TECHNICAL DATA WEATHER STATION

- Radio controlled Clock via - WWVB – Fort Collins, Colorado
- Automatic correction using the time signal of the most accurate clock in the world, the Atomic Clock in Colorado
- Switches automatically between Standard Time and Daylight Saving Time
- Time in optional 12/24 hour format
- Continuous calendar up to 2099
- Day and weekday display
- Weekday display in English plus 6 other languages.
- Two daily alarms
- Automatic snooze function
- Automatic lighting when the alarm goes off
- Barometer Pressure shown in graphic bargraph display highlighting the air pressure readings over the course of the last 12 hours. Displays barometric pressure in two scales. The mb/hPa (millibars / hecto Pascals and the Hg (Mercury) scale.
- Weather forecast using five icons: sunny, light cloud cover, cloudy, rain and stormy
- Thermometer: Indoor measurement range: 0°C (**32°F**)° ~50°C (**122°F**)  
Outdoor measurement range: -50°C (**-58° F**) ~70°C (**158°F**)
- Temperature trend display for both indoor and outdoor measurements, display either in °C or F°
- Hygrometer Measurement range: 20% - 90% RH, separate display for both indoor and outdoor measurements
- Minimum / Maximum display for air humidity and temperature both indoors and outdoors
- Temperature alarm
- Moon Phase
- Sunrise and sunset display
- Tidal display: low, medium, high
- Battery level display
- LED background display
- Battery: 2AA/UM3/LR06 (not included)

### Transmitter

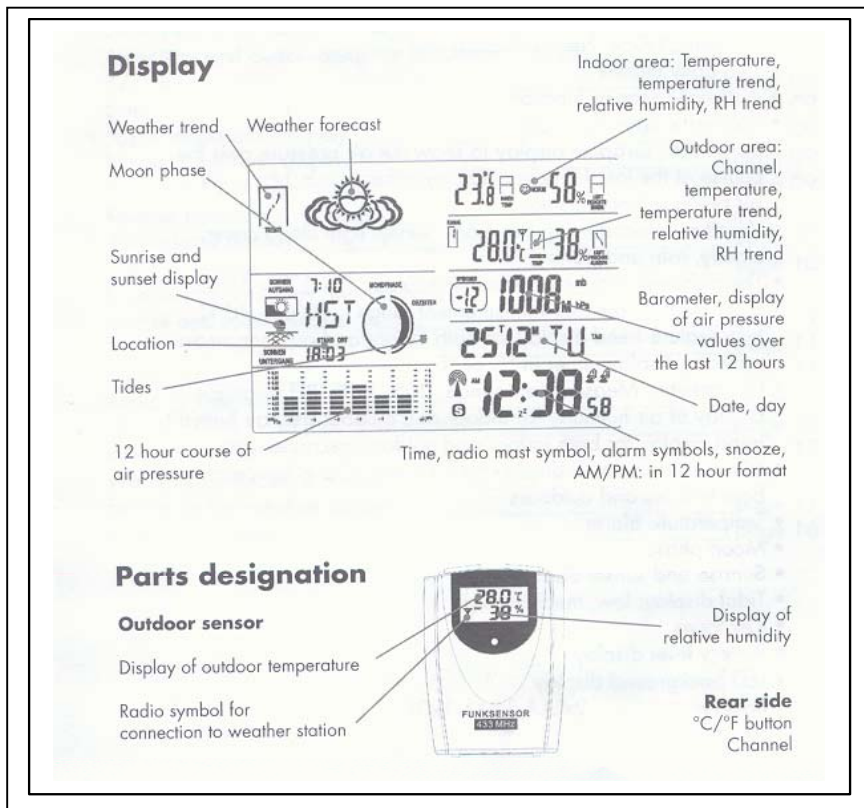
- Transmission frequency: 433.92 MHz
- Range of up to 30m (100 Feet)
- Battery: 2xAAA.UM04/LR03 (not Included)

- Included find an 8 foot sensor wire. This wire can be attached to the remote sensor for winter use when temperature bellows 5 degrees Fahrenheit render the batteries inoperable.

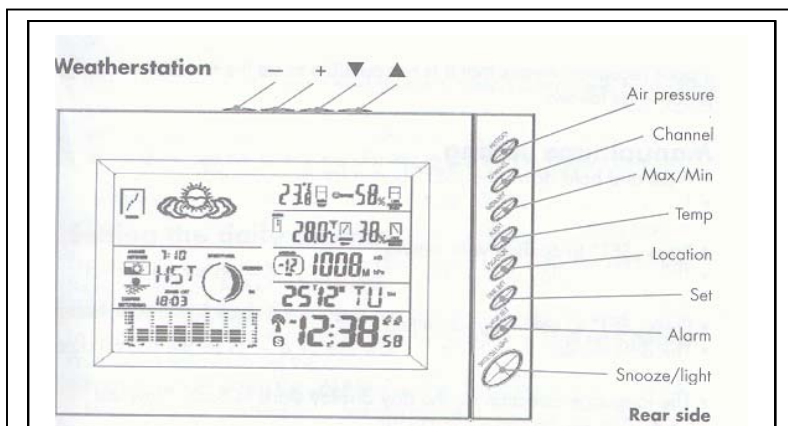
### Important information

- Please insert the batteries in the remote temperature transmitter first.
- Obstacles can severely impair the range of the transmitter.
- Protect the transmitter against direct sunlight penetration.
- The weather forecast is only ready for operation 12 hours after the batteries are inserted.

### Display



### Weather Station



### **To Get Started, Please Follow The Direction Below**

- Remove the bracket from the outdoor sensor case. Open the battery compartment by unscrewing the four attachment screws on the back of the outside sensor. Install the batteries matching the marked polarity. Note the two buttons above the battery cradle. One marked “C°/F°” and the other marked “Tx”. The Celsius (C) or Fahrenheit (F) Scale can be selected for the LCD readout of this remote sensor by pressing the C/F button. When you press the Tx button this will confirm that there is transmission of temperature data by displaying a satellite icon in the bottom left corner of the Remote Sensor LCD Display. Not until you see the icon in the sensor display is the unit transmitting temperature data. Once that icon appears it is okay to seal the battery compartment. Replace the battery compartment door by carefully securing that door with the four screws. It is important to make the seal as tight as possible on this door. During the setup, keep the outdoor sensor close to the base station in order to establish an effective wireless transmission. Do not permanently install the remote sensor until transmission has been confirmed.
- Open the battery compartment on the rear side of the base weather station and insert the batteries again observing the correct polarity. Close the battery compartment.
- When you insert the batteries all the symbols on the display will briefly light up and you will hear a signal tone.
- The weather station will now start to connect to the outdoor sensor and thus ready to begin transmitting data. This operation takes about three minutes and is displayed by a flashing reception symbol in the “OUTDOOR” display area.
- After the weather station has created a connection to the outdoor sensor, it will then commence automatic reception of the WWVB Radio Signal for the Radio Controlled Clock. This operation could take up to twenty-four hours and completion of which is displayed by the flashing radio mast symbol in the “Clock” display area. The best time to catch the radio time signals from Ft. Collins, Colorado is between 2AM and 5AM.
- If reception is successful, then the radio mast symbol will appear continuously in the display.

If this automatic setting process is unsuccessful, then use a sharply pointed instrument to press the Reset button on the rear side of the weather instrument.

If you encounter poor reception on the radio control clock, which results in the inability to have the time set automatically, please use this manual setting proceed listed below:

#### MANUAL TIME SETTING

- Press and hold down the “SET” button for three seconds.
- The year display “2000” starts to flash. Now use “+ & -“ to set the correct year.
- Press, “Set” to confirm your setting.
- The month display starts to flash. Now use “+ & -“ to set the correct month.
- Press, “Set” to confirm your setting.
- The date display starts to flash. Now use “+ & -“ to set the correct date.
- Press, “Set” to confirm your setting.
- The 12Hr display starts to flash. Now use “+ & -“ to set the 12Hr or 24Hr for the time format.
- Press, “Set” to confirm your setting.
- The hour display starts to flash. Now use “+ & -“ to set the correct hour.
- Press, “Set” to confirm your setting.
- The minute display starts to flash. Now use the “+ & -“ to set the correct minute.
- Press, “Set” to confirm your setting.
- The daylight saving time S and on display starts to flash. Now use the “+ & -“ to set the on or off.
- Press, “Set” to confirm your setting and to end the setting procedure.

#### INFORMATION:

- Normal clock mode press “+” key to set the correct time zone (E-Eastern, C-Central, M-Mountain and P-Pacific).
- To set up the connection to the outdoor transmitter sensor manually, press and hold down” Channel” for the three seconds.
- After eight seconds without a button being pressed, the clock switches atomically from Setting mode to Normal clock mode.
- There are seven languages available for the day display: German, English, French, Danish, Dutch, Italian and Spanish.

#### **SETTING THE DAILY ALARMS**

The weather station possesses two daily alarms. To view the set alarm time press the “ALARM” button briefly. The display switches from the clock to Alarm 1 and, if you press the button again, to Alarm 2 – after five seconds, the weather stations switches back to the normal time display. Proceed as follows to set the daily alarms:

- Press and hold down the “ALARM” button for three seconds until alarm time 1 and the flashing icon are displayed.
- Now use the “+ & -“ buttons to select the alarm time you require and Then briefly press the “ALARM” button to set this time.
- The hour display of the alarm time starts to flash. Use the arrow keys “+ & -” to set the required hour.
- Press, “ALARM” to confirm your setting.
- The minute display of the alarm time starts to flash. Use the arrow key “+ & -” to set the required minute.
- Press, “ALARM” to confirm your setting and to end the setting procedure.

#### ACTIVATING AND DEACTIVATING THE DAILY ALARMS

To activate or deactivate the daily alarms, briefly press the “- “ button.

Press 1 x: Alarm 1 activated

Press 2 x: Alarm 2 activated

Press 3x: Both alarms activated

Press 4x: Both alarms deactivated

#### INFORMATION:

- After eight seconds without a button being pressed, the clock switches automatically from Setting mode to Normal clock mode.
- The alarm will sound for two minutes if you do not deactivate it by pressing any button. In this case, the alarm will be repeated automatically after 24 hours.
- Crescendo alarm - length: 2 minutes - increases in sound four times while the alarm signal is heard.
- When the alarm goes off, there will be an automatic display of the LED back light lasting as long as the alarm sounds.

#### AUTOMATIC SNOOZE FUNCTION

- To activate the automatic snooze function: While the alarm is sounding, press the “SNOOZE/LIGHT” button to activate the snooze function. When the snooze function is activated, the “Zz” symbol appears in the display.
- This operation moves the alarm back by five minutes and the alarm will restart at this time.
- The snooze function can be interrupted by pressing any button and can be repeated up to seven times.

#### SETTING THE TEMPERATURE ALARM

- Press and hold down the “TEMP” button for three seconds until the symbol for the temperature alarm starts to flash.
- Press the “CHANNEL” button to switch between the different radio frequency channels (CH1, CH2, CH3) (for multiple sensors within range).



Note, this model TX6180 comes with just one sensor. More sensors for the other two channels are available for purchase from Timex Weather Products – Maverick Industries, 94 Mayfield Avenue, Edison, NJ 08837.

- Press, “TEMP” to confirm the selected channel.
  - The symbol for the upper limit of the temperature alarm starts to flash. Use the arrow keys “▲ & ▼” to set the required maximum temperature.
  - Press, “TEMP” to confirm your setting.
  - The symbol for the lower limit of the temperature alarm starts to flash. Use the arrow keys “▲ & ▼” to set the required minimum temperature.
  - Press, “TEMP” to confirm your setting and to end the setting procedure.
- Activating and deactivating the temperature alarm
- Briefly press the “TEMP” button to activate or deactivate the temperature alarm for all the channels of the outdoor sensors.
  - Alarm activated: Temperature alarm symbol appears in display.
  - Alarm deactivated: Temperature alarm symbol disappears

#### INFORMATION:

- You can set up a temperature alarm for every channel.
- If you set the maximum to a temperature, which is lower than the minimum, then you will not be able to complete the setting process.
- The minimum must always be at least 1° C below the maximum.
- When the temperature alarm sounds, the appropriate channel and the upper or lower limit symbol is shown.

12/24 HOUR MODE – The time is displayed either in 12 or 24 hour format.

Briefly pressing the “\_” button allows you to switch between the individual modes. The symbol AM (before midday) or PM (after midday) appears after the time.

#### °C/°F TEMPERATURE DISPLAY

The temperature is displayed either in °C or °F. Briefly pressing the “▼” button allows you to switch between the individual temperature scale modes.

#### TEMPERATURE TREND DISPLAY

After you insert the batteries, the weather station measures the current temperature. The trend display shows a neutral temperature course (horizontal arrow).

The further course of the trend display is determined as follows:

- If, after an hour, the temperature is more than 1°C higher than the value measured first, then a positive course is displayed (arrow pointing upwards).
- If, after an hour, the temperature is more than 1°C lower than the value measured first, then a negative course is displayed (arrow pointing downwards).
- If the temperature does not change within an hour, then the upward or downward pointing arrow becomes a horizontal arrow. The measured

temperature is then taken as the neutral value from which further prognoses are made.

#### MAXIMUM/MINIMUM TEMPERATURE/RELATIVE HUMIDITY

- Briefly press the “MAX/MIN” button to display the maximum/minimum temperature and relative humidity. After five seconds,

The display switches back to the normal time display mode.

- Pressing and holding down the “MAX/MIN” button for 3 seconds allows you to delete the saved maximum and minimum temperature and relative humidity.

#### RELATIVE HUMIDITY TREND DISPLAY

After you insert the batteries, the weather station measures the current relative humidity. The trend display shows a neutral relative humidity course (horizontal arrow)

The further course of the trend display is determined as follows:

- If, after an hour, the relative humidity is more than 5% higher than the value measured first, then a positive course is displayed (arrow pointing upwards).
- If, after an hour, the relative humidity is more than 5% lower than the value measured first, then a positive course is displayed (arrow pointing downwards).

If the relative humidity does not change within an hour, then the upward or downward pointing arrow becomes a horizontal arrow. The measured relative humidity is then taken as the neutral value from which further prognoses are made.

#### BAROMETRIC AIR PRESSURE DISPLAY -

The course of the barometric air pressure within the last twelve hours is displayed on this display in the form of a bar chart. In addition, you have the option of displaying the exact barometric air pressure value, for example, 3 hours previously, in the normal barometric air pressure display. To do this, proceed as follows:

- Press the “AIR PRESSURE” button briefly to display the barometric air pressure value of the last few hours. For example, pressing the button seven times displays the barometric air pressure value seven hours ago.
- [The maximum height for setting the Barometric Air Pressure is 2000 metres and the lowest level is minus 200 meters.](#)

You have the option of displaying the air pressure in mb (Millibar)/hPa (hecto Pascals) or Hg (mercury). To switch between these displays, briefly press the “▲” button.

#### WEATHER FORECAST

The weather station uses the air pressure data of the last four hours to create a weather forecast for the next 12 to 24 hours.

It must be taken into account that the date within the first twelve hours after inserting the batteries will not be correct, as the weather station has to get used to the environmental circumstances after the restart. The forecast can be given for a radius of up to 15-20 KM (9 to 12 miles). When forecasting the weather, the station uses five different symbols: sunny, light cloud cover, cloudy, rain and stormy. In addition, a snowflake is displayed when the outdoor area temperature drops below minus four (-4°) degrees Celsius (25°F).

#### BATTERY LEVEL DISPLAY

The weather station display also displays the battery level to show whether the batteries of the weather station or the outdoor sensor need to be replaced.

- Battery level display of the weather station: in the clock area of the display.
- Battery level display of the outdoor sensor: in the Outdoor area of the display.

#### BACKLIGHT

Briefly press the “SNOOZE/LIGHT” button to activate the LED display backlight for five seconds.

#### RADIO FREQUENCY CONNECTION TO OUTDOOR SENSOR

- Press the “CHANNEL” button to select a channel (1 to 3). This gives you the option of polling three outdoor sensors with one weather station.
- Press and hold down the “CHANNEL” button for three seconds to search for outdoor sensors. You can break off this operation by briefly pressing the “CHANNEL” button.

#### LOCATION/TIDES DISPLAY/MOON PHASE/SUNRISE AND SUNSET DISPLAY

- Press and hold down the “LOC” button for three seconds until the city selection begins to flash. Use the arrow keys “▲ & ▼” to set your location. You can see the list of all cities on the next page.
- Press “LOC” to confirm your setting.

The weather station now uses the saved data on the selected city to determine the sunrise and sunset times, the strength of the tides and the phrases of the sun and moon.

#### SUNRISE SUNSET –

Press and hold the “LOCATION” button for three seconds. The city name will be flash. Press “+” or “-“ change the city. The sunrise and sunset time will be automatic change.

#### SUNRISE SUNSET CITIES OR STATE DESIGNATION

CITY/STATE	Designation	CITY/STATE	Designation	CITY/STATE	Designation
Anchorage, Alaska	ALA	Little Rock, AR	LIT	Raleigh, NC	RDU
Atlanta, GA	ATL	Lincoln, NE	LNK	Richmond,	RIC

				<b>VA</b>	
<b>Baltimore, MD</b>	<b>MTN</b>	<b>Miami, FL</b>	<b>MIA</b>	<b>Sacramento, CA</b>	<b>SMF</b>
<b>Boston, MA</b>	<b>BOS</b>	<b>Kansas City, MO</b>	<b>MKC</b>	<b>Saint Louis, MO</b>	<b>STL</b>
<b>Chicago, IL</b>	<b>CHI</b>	<b>Milwaukee, WI</b>	<b>MKE</b>	<b>Salt Lake City, UT</b>	<b>SLC</b>
<b>Cleveland, OH</b>	<b>CLE</b>	<b>Madison, WI</b>	<b>MSN</b>	<b>San Antonio, TX</b>	<b>SAT</b>
<b>Charlotte, NC</b>	<b>CLT</b>	<b>Minneapolis, MN</b>	<b>MSP</b>	<b>San Francisco, CA</b>	<b>SFO</b>
<b>Cincinnati, OH</b>	<b>CVG</b>	<b>Nashville, TN</b>	<b>BNA</b>	<b>San Jose, CA</b>	<b>SJC</b>
<b>Denver, CO</b>	<b>DEN</b>	<b>New Orleans, LA</b>	<b>MSY</b>	<b>Seattle, WA</b>	<b>SEA</b>
<b>Dallas, TX</b>	<b>DFW</b>	<b>New York, NY</b>	<b>NYK</b>	<b>Tucson, AZ</b>	<b>TUS</b>
<b>Detroit, MI</b>	<b>DTT</b>	<b>Oklahoma City, OK</b>	<b>OKC</b>	<b>Washington, DC</b>	<b>WAS</b>
<b>Honolulu, HI</b>	<b>HNL</b>	<b>Orlando, FL</b>	<b>ORL</b>	<b>Montreal, Canada</b>	<b>YMQ</b>
<b>Houston, TX</b>	<b>HOU</b>	<b>Philadelphia, PA</b>	<b>PHL</b>	<b>Ottawa, Canada</b>	<b>YOW</b>
<b>Indianapolis, IN</b>	<b>IND</b>	<b>Phoenix, AR</b>	<b>PHX</b>	<b>Quebec, Canada</b>	<b>YQB</b>
<b>Las Vegas, NV</b>	<b>LAS</b>	<b>Pittsburgh, PA</b>	<b>PIT</b>	<b>Toronto, Canada</b>	<b>YYZ</b>
<b>Los Angeles, CA</b>	<b>LAX</b>	<b>Portland, OR</b>	<b>PDX</b>	<b>Vancouver, Canada</b>	<b>YVR</b>

#### RECEPTION OF THE RADIO SIGNAL

- The clock automatically starts the WWVB signal search on any restart or if the batteries are changed. The radio mast symbol starts to flash.
- At 2:00AM the Radio Controlled clock automatically carries out a synchronization procedure with the WWVB signal to correct any deviations to the exact time. If this synchronization attempt is unsuccessful (The radio mast symbol disappears from the display), the system will automatically attempt another synchronization at the next full hour. This procedure is repeated automatically up to four times.
- To start manual WWVB signal reception, press and hold the “-“ button for three seconds. If no signal is received within seven minutes, then the WWVB signal search stops (the radio mast symbol disappears) and starts again the next full hour.

INFORMATION:

- A flashing radio mast symbol indicates that the WWVB signal reception has started.
- A continuously displayed radio mast symbol indicates that the WWVB was received successfully.
- We recommend a minimum distance of 2.5 meters (8.2 Feet) to all sources of interference such as televisions or computer monitors.
- Radio reception is weaker in rooms with concrete walls (e.g. in cellars) and in offices. In extreme cases, place the system at a window.
- As there is less atmospheric interference at night, radio reception is normally possible at this time. A single synchronization each day is sufficient to keep the time display accurate to one second.

DAYLIGHT SAVINGS TIME - Your radio controlled clock will automatically reset itself in the spring and then again in the fall. The signal from Fort Collins, Colorado automatically takes care of these changes. However in those few spots in the USA that are not on the daylight saving time program, the daylight savings Time (DST) should be turned to the off position."

#### NOTES:

If the clock cannot receive the WWVB signal (because the distance is too great to receive a signal from the transmitter in Colorado), you have the option of setting the time manually as mentioned above. As soon as the reception of the WWVB signal is possible, then the clock is readjusted automatically.

#### WARRANTY CARD FOR TX6180 SERIES ONE YEAR LIMITED WARRANTY

Timex Weather Products, a business unit of Maverick Industries, Inc. warrants this product to be free from original defects in material and workmanship for a period of one year from the date of purchase. This warranty does not cover damage in shipment or failure caused by tampering, carelessness or abuse. Repair or replacement will be made at our option without additional charge if the instrument is returned postage paid to:

Timex Weather Products  
Maverick Industries  
94 Mayfield Avenue  
Edison, New Jersey 08837 USA  
[www.maverickhousewares.com](http://www.maverickhousewares.com)  
Phone (732) 417-9666

Congratulations on your purchase of this Timex weather station. We wish you many happy hours of keeping on top of the weather in your area.

FCC COMPLIANCE – 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 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 interference by one or more of the following measures

1. Connect the radio or television into a new outlet on an electrical circuit that is different than the one currently in use.
2. Distance this weather station further away from the television or radio.
3. Relocate the receiving antenna.
4. Consult the dealer or an experienced radio/TV technician for help

# TIMEX®

## INSTRUCTIONS FOR MODEL TX6000 – WIRELESS ELECTRONIC INDOOR OUTDOOR THERMOMETER WITH CALENDAR and ALARM CLOCK

INCLUDED IN THIS PACKAGE:

- 1 BASE STATION
- 1 REMOTE SENSOR WITH MOUNTING CRADLE.

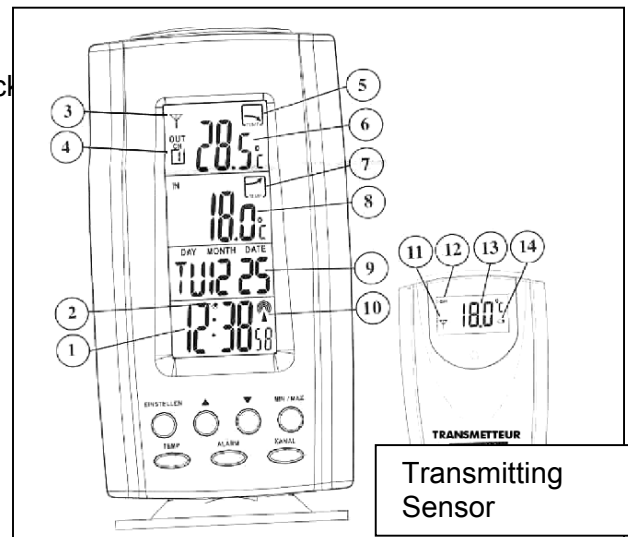
Timex Weather Products, a Division of Maverick Industries, Inc. congratulates you on your purchase of this outstanding wireless indoor – outdoor thermometer.

### Weather Station Features

1. Time
2. Alarm Symbol
3. RCC signal icon
4. Outside temperature
5. Outside temperature trend
6. Outside Temperature
7. Inside Temperature trend
8. Inside Temperature
9. Day, Month & Date
10. Transmitter Symbol (Only on Radio Control Clock)

### Outside Sensor

11. Transmitter Connection to Weather station
12. Channel
13. Outside Temperature
14. Battery Power Indicator



Transmitting Weather Station with Wireless Outside Sensor

### User Guide

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### Technical Dates

- Electronic Alarm Clock with Snooze.

- Touchtone
- Daily alarm with automatic snooze alert (5 minutes)
  - Crescendo alarm
  - Alarm time 120 seconds
- Automatic DST function.
- Weekly day indicator in English
- Battery power indicator for outside sensor
- Thermometer
  - Measuring range inside temperature 0 degree C (32° F)° – 50 degree C (-58° F)
  - Measuring range outside temperature – 50 degree C (-58° F) to 70 degree C (158° F)
  - Offers three channels for wireless transmission. One sensor included. Additional sensors available from manufacturer.
  - Transmission per 433.92 MHZ frequency
  - Trend indicator of the inside and outside temperature
  - Storage of the minimum and maximum values for inside and outside temperature
- Temperature shown in Celsius (C) degrees or Fahrenheit (F) degrees
- Temperature alarm when temperatures reach pre- set temperature
- LED background display lighting
- Transmission range radius of outside sensor of about 25 meters (82 Feet)
- Batteries Required (Batteries included)
  - \* Weather station 2x AAA/UMA/ LR03
  - Outside sensors 2x AAA/UMA/LR03

## Display

Displays the hours, minutes, seconds, month, date, day, (in English), alarm, inside and outside temperature.

To start up  
To activate

- Open the battery compartment on the back of the outside sensors and install the batteries matching the marked polarity. Replace the battery compartment.
- Open the battery compartment at the backside of the base weather station and install the batteries matching the marked polarity. Close the compartment.
  - + When installing the batteries a short display of all the functions will appear and a signal tone will sound.
- The base weather station will now start to establish a connection with the outside sensor. This will take about 3 minutes and will display a blinking receiver indicator in the display area of the outside temperature.
- After the base weather station makes the connection with the outside sensor, it will automatically receive the temperature transmission signal. This will take about 7 minutes and will be displayed with a blinking transmission tower symbol in the display by showing the time.
- FOR RADIO CONTROL CLOCKS TX6000RC ONLY - After successful reception the transmission tower symbol will be shown continuously in the display.

When you have successfully completed the automatic setting process, use a sharp object to



press the reset button on the backside of the housing.

In case there is bad reception, no automatic time setting is possible, please follow the steps.

Manual time setting for TX6000 Model.

- Press and hold down the “MODE” button for three seconds.
- The year display “2000” starts to flash. Now use “▲ & ▼” to set the correct year.
- Press, “MODE” to confirm your setting.
- The month display starts to flash. Now use “▲ & ▼” to set the correct month.
- Press, “MODE” to confirm your setting.
- The date display starts to flash. Now use “▲ & ▼” to set the correct date.
- Press, “MODE” to confirm your setting.
- The 12Hr display starts to flash. Now use “▲ & ▼” to set the 12Hr or 24Hr for the time format.
- Press, “MODE” to confirm your setting.
- The hour display starts to flash. Now use “▲ & ▼” to set the correct hour.
- Press, “MODE” to confirm your setting.
- The minute display starts to flash. Now use the “▲ & ▼” to set the correct minute.
- Press, “MODE” to confirm your setting.
- The daylight saving time S and on display starts to flash. Now use the “▲ & ▼” to set the on or off.
- Press, “MODE” to confirm your setting and to end the setting procedure.

Information

- Normal clock mode press “+” key to set the correct time zone (E-Eastern, C-Central, M-Mountain and P-Pacific).
- The clock changes after 8 seconds without touching the buttons automatically from setting mode to normal time mode.

Setting for daily alarms.

- Press and hold the “alarm” button for 3 seconds until alarm hour flashes.
- Now use the “▲ & ▼” buttons to select the alarm hour you require and Then briefly press the “ALARM” button to set this minute. Press, “ALARM” to confirm your setting.

To activate or deactivate the daily alarm.

- To activate or deactivate the daily alarm, push the alarm button quickly.
  - + Alarm activated            Bell symbol will be in the display
  - + Alarm deactivated        Bell symbol disappears

Information

The clock changes after 8 seconds without touching the button automatically from setting mode to normal time mode.

The alarm sounds for 2 minutes, if not stopped by the activation of the beloved push button. In this case the alarm will automatically restart after 24 hours.

Setting of the temperature alarm.

Push and hold the push button "temp" for 3 seconds.

The channel indicator begins to blink. Now set with "Channel" ("Kanal") the desired channel.

+ Push "temp" to verify

The symbol for the upper limit of the terminal alarm begins to blink. Now set with "▲ & ▼" the desired maximum.

+ Push "temp" to verify

The symbol for the lower limit of the terminal alarm begins to blink. Now set with "▲ & ▼" the desired minimum.

+ Push "temp" to verify and close the setting

Activate and deactivate the temperature alarm.

To activate or deactivate the daily alarms, push the "temp" button quickly.

- + Alarm activated      temperature alarm symbol on display
- + Alarm deactivated    temperature alarm symbol disappears

Information

- The clock changes after 8 seconds, without touching push button, automatically from setting mode to normal time mode.
- The alarm sounds, as soon as the temperature reaches the limits set for the temperature and stops, as soon as the actual temperature differs by more than 1 degree C from the preset settings. ~~Parallel-~~In conjunction with the signal sound ~~will~~ the symbol for the temperature alarm will start blinking.
- Setting limits, channel 1-3 temperatures C (-58° F) to 70 degree C (158° F)

Automatic snooze alarm.

To activate the automatic snooze alarm, please proceed as follows:

While the alarm sounds, push the push button (Snooze/Light) to activate the snooze alarm function. When the snooze alarm function is activated "Zz" symbol shows on display.

The alarm will with this procedure delay it by 5 minutes and restarts after that. The automatic snooze alarm can with every desired push button touch be stopped ~~and for~~ up to a maximum four times ~~be re-seated~~.

12/24-hour mode.

The time indicator can follow a 12 or 24-hour format. By a quick touch of the "▲ & ▼" " button one can decide between the 2 modes.

Degrees Celsius (C)/Degrees Fahrenheit (F) temperature indicator.

Degrees C or Degrees F. By quick touch of "" push"▼" button, you can decide between the two modes.

Temperature trend indicator.

After insertion of the batteries, the weather station ~~misses~~ will not immediately record the

actual temperature. The trend indicator shows a neutral course (average) of the temperature. (A horizontal arrow)

The ongoing operation of the temperature indicator is determined as follows.

When the temperature after one hour ~~departs~~ varies more than 1 degree C over the first measured value, a positive operation will be shown (upward pointing arrow)

When the temperature after one hour ~~departs~~ varies more than 1 degree C under the first measured value a negative operation will be shown (a down pointing arrow)

Maximum/minimum temperature.

- Quickly touch maximum push button to show the maximum and minimum temperature.  
The indicator changes back to the normal time indicator mode after 5 seconds.
- Through the pushing and holding of the “maximum” button you can activate the maximum temperature.
- ~~Through quick push of “snooze/ alarm” button light you can activate the background light on the display for 5 seconds.~~

Lighting.

Through quick push of the snooze/light alarm push button you activate the background light of the display for 5 seconds.

During alarm the display will automatically light up for 5 seconds.

Transmission connection to outside sensor.

- Push the channel button to select a channel (1 to 3)  
You have the possibility to choose 3 outside channels with one weather station.
- Push and hold the channel button for 3 seconds to search for outside sensors.

FCC COMPLIANCE ---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 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 interference by one or more of the following measures

1. Connect the radio or television into a new outlet on an electrical circuit that is different than the one currently in use.
2. Distance this weather station further away from the television or radio.
3. Relocate the receiving antenna.
4. Consult the dealer or an experienced radio/TV technician for help

We recommend a minimum distance of 2.5 meters or 8 ¼ feet to all sources of interference, such as TV or computer dish.

In rooms with concrete walls (for instance basements) and office buildings the transmission reception is weaker. Stand the weather station in extreme cases by a window so it is within direct view of the remote sensor. Because at night fewer atmospheric disturbances occur, the transmission reception in most cases is possible at that time.

Hint.

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