HOW DO I SET THE TIME ZONE ON MY TE923W?

When selecting your location in the Clock and Alarm mode, either by entering the code of the closest city, or entering your specific location longitude and latitude, all data, including the Time Zone, is set automatically.

HOW TO SET THE TIME ALARM?

In the Clock and Alarm mode, select the desired alarm by pressing the ALARM /CHART button. Then press and hold the ALARM/CHART button until the alarm time digits will flash. Set the desired alarm time (hours, minutes) using the "▲" or "▼"buttons and then press ALARM/CHART button exiting from the programming mode and confirming the setting.

HOW TO DISABLE THE TIME ALARM?

In the Clock and Alarm mode press ALARM/CHART button selecting the alarm you want to disable – an appropriate letter of the selected alarm will appear next to the alarm time. Press "▼ "button once, so the word "OFF" will be displayed. The specific alarm is disabled and won't activate.

WHAT IS THE DIFFERENCE BETWEEN THE WEEKDAY (W) AND SINGLE (S) TIME ALARMS?

The Weekday (W) alarm is programmed to sound at the set time with "W" letter flashing Mondays through Fridays.
The Single (S) day alarm is programmed to sound at the set time with "S" letter flashing only for the specific day and will not activate on subsequent days.

WHAT DOES "PRE-AL" MEAN?

When temperature drops below freezing, programmable Ice Warning Alarm (PRE-AL) automatically wakes you up earlier, giving an extra time to get ready.
It programmed to sound before the actual alarm if the remote temperature for Channel one (1) will reach 32°F (0°C) and below. You can set this alarm for 15 to 90 minutes earlier than your actual alarm.
Ice Warning Alarm (PRE-AL) can be set if one or both - Weekday or Single alarm previously programmed.

DOES THE WEATHER STATION HAVE AN ATOMIC TIME FEATURE?

Yes, the weather station main unit is able to receive the US Atomic clock radio signal.

WHERE IS US ATOMIC CLOCK LOCATED?

US Atomic clock is located at Fort Collins outside Boulder, Colorado, and is operated by the US Government

WILL MY ATOMIC TIME UNIT WORK IN ALASKA AND HAWAII?

If used in Alaska and Hawaii, the Atomic Time clocks will not receive the RF signal from the US Atomic Clock during the normal daylight hours. The 50kW radio signal transmitted at 60 kHz frequency covers the Continental United States (CONUS) and reaches parts of Alaska and Hawaii during the night-time hours. However, all clocks can be set manually if the signal from Boulder, Colorado is not able to reach the locations that geographically are not in the US Atomic Clock Time Signal coverage area.

WHAT IS THE MOST IMPORTANT THING I SHOULD KNOW ABOUT THE PRODUCT?

The remote weather sensors must have the batteries installed before installing batteries in the main unit.

WHERE I CAN FIND MY LOCAL ALTITUDE?

To find out your altitude and current barometric pressure go to http://weather.noaa.gov/weather/ccus.html. Select the area nearest you. The altitude can also be found with a portable GPS receiver or topographical map. Barometric pressure can be obtained from the radio or TV weather programs.

HOW DO I PROGRAM MY LOCAL ALTITUDE?

IMPORTANT: Program your altitude in the main unit as soon as after batteries are installed:

- After batteries are inserted into the battery compartment, "inHg" abbreviation will flash in Pressure and Weather forecast window of the main unit's display.
- Press UP or DOWN buttons selecting the pressure unit in metrics or imperial units.
- Press SET button to confirm the selection and move to the altitude selection mode with "feet" flashing.
- Select the desired altitude unit by pressing the back "UP" or "DOWN" button
- Press SET button again – "-15.4 " number will start flashing
- Use the "UP" or "DOWN" buttons to increase or decrease the altitude in 3 feet increments
- Press SET button to confirm the entered altitude - the display will change to the SEA LEVEL barometric pressure adjusted to the set altitude in numerals.

WHERE DO I PLACE THE REMOTE TEMPERATURE SENSORS?

Please, place the remote temperature & humidity sensors in the area you intent to measure environment conditions.
Example: If you wish measuring an outdoor environment conditions, place the remote temperature & humidity sensor outdoors. If you wish measuring an attic environment conditions, place the remote temperature & humidity sensor to the attic, and etc.
Outdoors the remote temperature & humidity sensors should be placed in a dryer, shaded area. Fog and mist will not harm the remote temperature & humidity sensor but direct rain must be avoided.
The remote temperature & humidity sensor has operating range of up to 328 feet in an open area. Any walls or other obstacles will reduce this distance.

HOW OFTEN DOES THE WEATHER FORECAST UPDATE, AND WHAT PERIOD DOES IT COVER?

The weather forecast is updated every 12 hours and covers a period of time from 12 to 24 hours ahead, starting from the first time when the unit has been powered up.

HOW ACCURATE THE WEATHER FORECAST?

About 70%

WHAT IS THE MEANING OF THE PRESSURE BAR GRAPH?

The pressure bar graph shows barometric pressure fluctuations over the past 24 hours. Each bar icon represents 0.06 inHg

WHAT IS THE MEANING OF THE EMPTY WINDOW LOCATED ABOVE THE MOON PHASE ICON?

In the pressure and forecast window, press the HISTORY button to display a specific hour for barometric pressure - from current hour to 24 hours back.
If the MEMORY button is pressed, a specific day for the moon phase will be displayed – for the past and future 39 days

HOW MANY WEATHER ALERTS MY TE923W HAS?

Your Professional Weather station has multiple weather alerts -
Hi/Low temperature, Daily Rainfall, Hi wind gust, Hi wind speed alerts

HOW TO ACTIVATE THE BACKLIGHT?

You can activate the backlight for a short time period by pressing LIGHT/SNOOZE button on the top or continuously, if the AC/DC adapter is connected to the wall power outlet.

WHAT DOES THE LIGHT SENSOR DO?

The TE923W is equipped with the light sensor which detects the environmental light conditions. At the light conditions lower than 100 LUX, the LCD will light up automatically if AC adapter is connected and the light sensor is set to AUTO position. The light sensor feature also can be turned ON or OFF. The light sensor sensitivity can be adjusted to the high or low sensitivity when the AUTO position is selected.

HOW LONG DOES THE BACKLIGHT STAY ON?

The backlight will stay on for 5-6 seconds if the LIGHT/SNOOZE button is pressed.

HOW LONG THE BATTERIES LAST IN THE UNIT?

The average battery life in the atomic time keeping device is 12 months.

WHAT DOES THE UV SENSOR MEASURE?

The UV sensor measures the ultraviolet radiation levels at the earth surface.

WHAT IS SPF?

SPF is a Sun Protection Factor and describes the increased allowable time of sun exposure before your particular skin type burns. For example, SPF4 means that you can expose yourself to the sun four times longer without burning, than without using any SPF.

WHAT IS SSV?

The SSV is a Skin Sensitivity Value. Your individual sensitivity to sunburn is represented by a Skin Sensitivity Value.

WHAT IS THE UVI?

The UVI is a method of measuring UV based on the response of human skin to UV radiation and recorded as a Global Solar UV-Index.

WHAT IS MED / H?

MED/H is a Minimal Erythemal Dose per Hour and it is a threshold for skin redness or burning

WHY DATA ON MY PC IS DIFFERENT FROM THE DATA ON THE MAIN DISPLAY?

This means that the software memory contains a default or previous weather information. In order to clear the default information from the memory, open the software, then click on the FILE menu and select the CLEAR ALL RECORDS AND EXIT option. Then select CONFIRM in the next appeared window – the software will close and all previous records will be erased.

If this does not work, you will have to reset (or clear the memory) of the main unit. Press and hold the LIGHT/SNOOZE and UP buttons simultaneously for about 4 seconds, or until the backlight will start flashing. Then press SET button once – the main unit will beet 4 times meaning that memory clearing process is going correctly. Remove the batteries from the main unit and reinstall them back in 20 seconds – the reset procedure is finished.

WHAT IS A WIND CHILL?

The wind chill temperature is how cold people and animals feel outside. It based on the rate of heat loss from exposed skin caused by wind and cold.

WHAT IS A DEW POINT TEMPERATURE?

Dew point is the air temperature where the moisture in the air begins to condense or change from a vapor to a liquid. In order for surface to collect dew out of the air (like a glass of ice water), the temperature of that surface must be at or below the dew point temperature.