KIMO® INSTRUMENTS

Pressure / Temperature / Humidity / Air velocity / Airflow / Sound level

PT100 thermometer
TR 110 – TR 112

DESCRIPTION OF THE DEVICE

Backlight key

Select key

OK key

On/Off/Esc key

Hold/min/max key

PERFORM A MEASUREMENT

- ➢ Turn on the device by pressing on « **On/Off/Esc** ».
  *The device displays its name « **TR110** » or « **TR112** ».*
- • Put the probe to the required location.
  The device displays the temperature measurement with below the type of thermocouple.

  If the used thermometer is the TR112 with two connected probes, the device will display the two measurements.
- ➢ Press on « **OK** » to display the delta between the two temperatures.

FREEZE THE MEASUREMENT

During the measurement :
- ➢ Press once on « **Hold/min/max** ».
  *« **Hold** » appears on screen and the measurement is frozen.*
- ➢ Press on « **On/Off/Esc** » to exit the hold function.
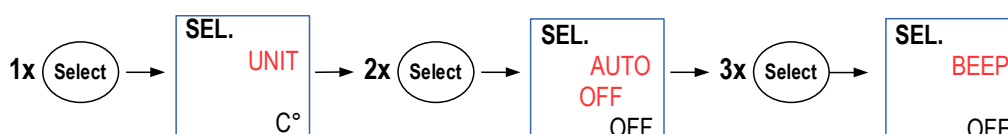 *The device returns to the measurements display.*

DISPLAY THE MINIMUM AND THE MAXIMUM

Once the measurement is frozen :
➢ Press once on « **Hold/min/max** ».
  • *If the device is a « **TR110** » or a « **TR112** » with one connected probe, the device displays the maximum value measured since the last questioning at the top of the screen and the minimum value measured since the last questioning at the bottom of the screen.*
  • *If the device is a « **TR112** » with two connected probes, the device displays the maximum value of the probe C1 measured since the last questioning at the top of the screen and the minimum value of the probe C1 since the last questioning at the bottom of the screen.*
➢ Press again on « **Hold/min/max** » if the device is a « **TR112** » with two connected probes.
  The device displays the maximum value of the probe C2 measured since the last questioning at the top of the screen and the minimum value of the probe C2 since the last questioning at the bottom of the screen.
➢ Press on « **On/Off/Esc** » to return to the measurement display.
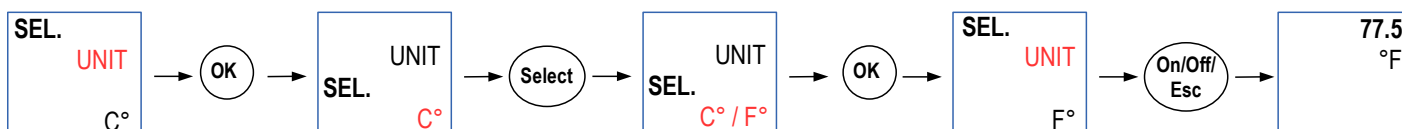
ADJUST THE DEVICE

• **Device drop-down menu**

Select the temperature unit :
The device is on and displays the measurement.
➢ Press on « **Select** » until « **UNIT** » blinks on screen.
➢ Press on « **OK** ».
  The unit currently used blinks on screen.
➢ Press on « **Select** » until the required unit appears : °C or °F.
➢ Press on « **OK** » to validate the unit selection.
  *« **UNIT** » blinks on screen.*
➢ Press on « **On/Off/Esc** » to return to the measurement display.

Adjust the auto shut-off :
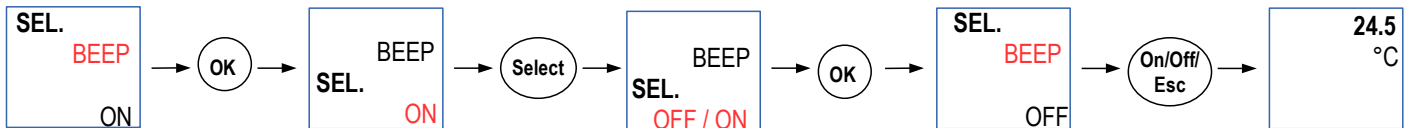*The device is on and displays the measurement.*
➢ Press on « **Select** » until « **AUTO OFF** » blinks on screen.
➢ Press on « **OK** ».
  The time before device auto shut-off blinks at the bottom of the screen.
➢ Press on « **Select** » until the required time before auto shut-off appears : 15, 30, 45, 60, 75, 90, 105, 120 minutes or OFF.
➢ Press on « **OK** » to validate.
  *« **AUTO OFF** » blinks on screen.*
➢ Press on « **On/Off/Esc** » to return to the measurement display.

Activate or deactivate the keys beep :

The device is on and displays the measurement.
➢ Press on « **Select** » until « **BEEP** » blinks on screen.
➢ Press on « **OK** ».
  « OFF » or « ON » blinks on screen.
➢ Press on « **Select** » to activate the keys beep « **ON** » or deactivate it « **OFF** » .
➢ Press on « **OK** » to validate.
  « BEEP » blinks on screen.
➢ Press on « **On/Off/Esc** » to return to the measurement display.

SEL. BEEP ON	→	OK	→	BEEP SEL. ON	→	Select	→	BEEP SEL. OFF / ON	→	OK	→	SEL. BEEP OFF	→	On/Off/ Esc	→	24.5 °C

Adjust the alarm :

This function allows to activate a temperature alarm on the channel 1 when the device reaches and exceeds a previously defined threshold.
This threshold will be between -100 and +400°C.
The device is on and displays the measurement.
➢ Press on « **Select** » until « **AL 1** » blinks on screen.
➢ Press on « **OK** ».
  The first digit blinks. This first digit also allows to deactivate the alarm.
➢ Press on « **Select** » to select its value : -, 0 or off.
  • If OFF is selected, the alarm is deactivated. Press on « **OK** » to validate, « **AL 1** » blinks.
  • If 0 or – is selected, press on « **OK** ». The following digit blinks, press on « **Select** » to select its value (between 0 and 4) then press on « **OK** ». Perform the same procedure to select the value (0 and 9) of the following digits *(press on « **On/Off/Hold** » to return to the previous digit)*. Press on « **OK** » when the first digit is adjusted : « **AL 1** » blinks.
➢ Press on « **On/Off/Esc** » to return to the measurement display.

ACTIVATE THE BACKLIGHT

The device is on.
➢ Press on « **Backlight** » : ☀ to activate the device backlight.
➢ Press again on this key to deactivate the backlight.

CHANGE THE BATTERIES

➢ Remove the front part at the back of the device.
➢ Change the old batteries by AAA LR03 1.5V batteries.
➢ Replace the front.

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