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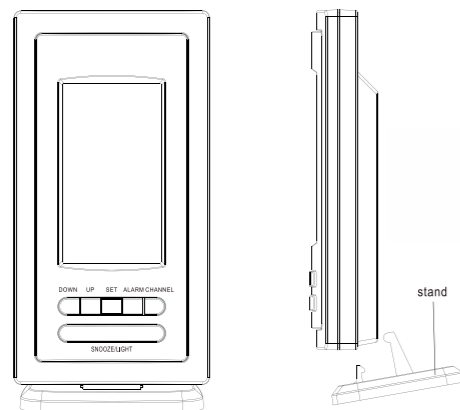
User Manual

Model: E0207TR-2

ASSEMBLING THE MAIN UNIT

Place the base of the stand onto a flat surface.

Carefully align the opening at the bottom of the clock and gently push down to lock into place.



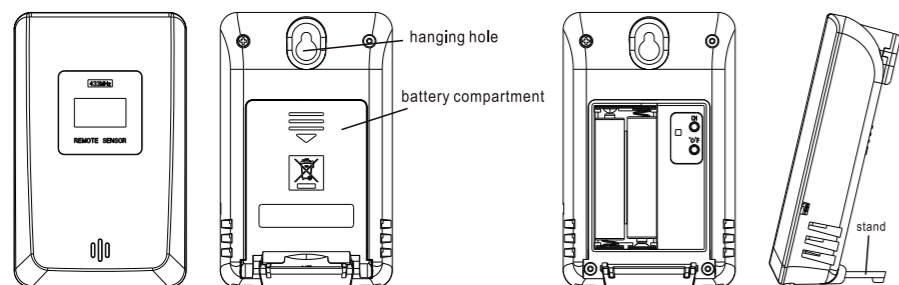
POWERING ON AND SETTING THE PORTABLE TEMPERATURE TRANSMITTERS

For each unit, open the battery compartment cover and insert 2xAAA batteries (not supplied) to each outdoor transmitter, following the polarity symbol as indicated within the compartment.

With the battery compartment exposed, press the "C/F" button to select the temperature read out on the transmitter unit for Celsius/Fahrenheit – each unit can be set to either Celsius/Fahrenheit without affecting the display on the clock.

Press the "CH" button to assign the transmitter unit with a number but ensuring a different number is assigned to each unit.

The assigned number can be seen on the screen of the transmitter and will synchronize to the display on the main unit. Replace the battery compartment cover and continue with set up.



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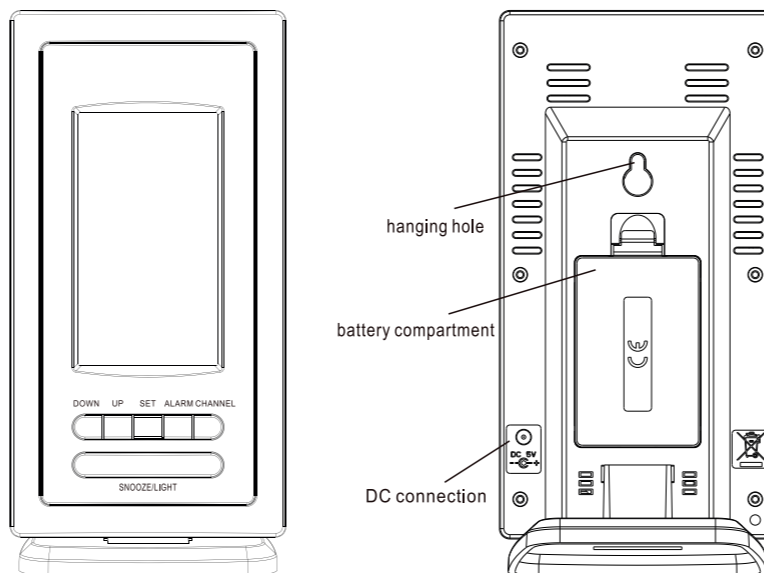
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POWERING ON THE MAIN CLOCK

For ultimate performance, it is recommended to connect and use the supplied 4.5V DC adaptor.

Alternatively, open the battery compartment cover and insert 3xAAA batteries (not supplied) following the correct polarity as shown within the compartment.

Replace the battery compartment cover and continue with set up.



SETTING YOUR CLOCK

When the clock is powered up, you will hear a "beep" to indicate it is ready and in receiving mode with the portable temperature transmitters. When connected to the transmitters, the temperature will be displayed on the main screen of the clock in accordance to the channel you have set.

Note: The unit of measurement "Celsius/Fahrenheit" displayed on the transmitters are independent to the main clock but the temperature readings are comparable with each other.

You are now ready to place these portable transmitters in various location of your choice to monitor the temperature within its environment.

The transmission range is about 260 feet (80 meters) from the transmitter to the main clock.

If the temperature data is not received within 3 minutes after setting up, please check below:

1. The distance of clock or transmitter should be at least 5~6.5 feet (1.5~2 meters) away from any

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interfering sources such as computer monitors or TV sets.

2. Avoid positioning the clock onto or in the immediate proximity of metal window frames.

3. Press and hold "CHANNEL" button for 2 seconds until you hear a "beep" to reset connection on all transmitting units.

AUTOMATIC TIME SETTING

After initial set up with the temperature or when the clock is powered up after reset, press and hold the "Down" button for 2 seconds to start RC connection with the RC icon  flashing.

This process can take between 3-7 minutes. If the time does not set through this process, please see information below on possible cause or ways to improve reception.

MANUAL TIME SETTING

In normal time display mode, press and hold 'SET' button for 3 seconds, "0" flashing.

- Press "UP" or "DOWN" button to set hour difference to GMT.
- Press "SET" button once with day flashing.
- Press "UP/DOWN" button to change display language of day (preset to German), see below for sequence.
- Press "SET" button to access "12/24hr" indicator.
- Press "UP/DOWN" button to select.
- Press "SET" button to access "hour" setting.
- Press "UP/DOWN" button to select.
- Press "SET" button to access "minute" setting.
- Press "UP/DOWN" button to select.
- Press "SET" button to access "year" setting.
- Press "UP/DOWN" button to select.
- Press "SET" button to access "month" setting.
- Press "UP/DOWN" button to select.
- Press "SET" button to access "date" setting.
- Press "UP/DOWN" button to select.
- Press "SET" button to access "c/f" setting.
- Press "UP/DOWN" button to select.
- Press "SET" button to exit setting mode.

If there is no operation for 20 seconds, it will save the existing setting and return to normal display.

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7 LANGUAGE WEEK DISPLAY

The setting order is German → French → Italian → Netherlands → Spanish → Denmark → English

COUNTRY	GERMANY	ENGLISH	ITALIAN	FRENCH	NETHERLANDS	SPANISH	DANISH
ABBREVIATION	GE	EN	IT	FR	NE	ES	DA
SUNDAY	SO	SU	DO	DI	ZO	DO	SO
MONDAY	MO	MO	LU	LU	MA	LU	MA
TUESDAY	DI	TU	MA	MA	DI	MA	TI
WEDNESDAY	MI	WE	ME	ME	WO	MI	ON
THURSDAY	DO	TH	GI	JE	DO	JU	TO
FRIDAY	FR	FR	VE	VE	VR	VI	FR
SATURDAY	SA	SA	SA	SA	ZA	SA	LO

ALARM AND SNOOZE SETTING

In normal time display mode, press 'SET' button once to enter Alarm mode.

- Press "UP" to activate  showing or "DOWN" deactivate the alarm.
- Press "SET" button to return to normal time display.

SETTING ALARM TIME

In normal time display mode, press 'SET' button once to enter Alarm mode and then press and hold "SET" button for 3 seconds, hour flashing.

- Press "UP/DOWN" button to select.
- Press "SET" button to access "minute" setting,
- Press "UP/DOWN" button to select.
- Press "SET" button to exit setting mode and return to normal time display with the alarm now activated.

At the set time, the alarm will sound and last for 2 minutes.

During the alarm sound, press "SNOOZE/LIGHT" button for snooze function with **Z^Z** flashing on screen. Alarm will snooze for 10 minutes.

Press "SNOOZE/LIGHT" button during snooze again will deactivate snooze function.

During alarm sound, press any other buttons to stop the alarm.

The alarm will still be activated and will sound on the next cycle of time.

BACK LIGHT

When powered by DC adaptor, the "Back Light" will be consistently on.

When using batteries, press "SNOOZE/LIGHT" button, the "Back Light" will appear and last for 20 seconds.

TEMPERATURE ALERT

You can set your clock to alert you when temperature set on individual transmitter unit exceeds or falls below your set temperature.

CHECK PRESET TEMPERATURE

In normal time display:


- Press "UP" button once to show "MAX" set temperature on the clock display
- Press "UP" button again to show "MIN" set temperature on the clock display
- Press "UP" button again to show current temperature

Default limited range of alerted of outdoor temperature: +60°C (+140°F) ~ - 40°C (-40°F)

Default limited range of alerted of indoor temperature: +50°C (+122°F) ~ 0°C (+32°F)

SET TEMPERATURE LIMITS

In normal time display:-

- Press 'ALARM' button to show set temperature for each transmitting unit in the following sequence; CH1 HI → CH1 LO → CH2 HI → CH2 LO → CH3 HI → CH3 LO → indoor HI → indoor LO.
- At the selected channel, Press button "UP" to activate the temperature alarm with  showing above the temperature. Press button "DOWN" to deactivate.
- Press and hold 'ALARM' button to enter setting mode with temperature flashing for channel 1.
- Press "UP/DOWN" button to set max temperature.
- Press "Alarm" button to show min temperature.
- Press "UP/Down" button to set min temperature.
- Press "ALARM" button to show channel 2 temperature. Follow the above sequence to set each channels' Max and Min temperature.

When the alarm is activated for each channel, the alarm will sound when the temperature falls or exceed the limit on that channel. The alarm will continue sound until you deactivate the alarm or reset the limits.

Are you having difficulty in setting the clock to the correct time?

Signal strength improves at night, it is recommended to leave the battery inserted, ideally near a window overnight. Possible interference or faults:

- Domestic electrical appliances without any radio interference suppressors.
- TV receivers and computers within 2 metres of the clock
- Machinery with high frequency leakage
- Outside the normal transmission radius (1200km) of the MSF transmitter Weather conditions can affect the signal transmission
- Metal clad buildings.
- There are times during the year when the signal is switched off for maintenance. Please check the following web site for technical information at www.npl.co.uk/time
- If you have any problems with your Precision time piece, please visit our Precision website on www.precisiontimekeeping.com

What does MSF stand for?

MSF is the three-letter call sign used to designate the UK's 60 kHz standard-frequency and time signal. The first character can be only 2, G or M for a UK-based signal, and it appears that MSF was chosen from the available combinations so that it could be memorised as "Master Standard Frequency". However, MSF is not intended to be an acronym.

When the service began in 1950 there were announcements every 15 minutes, "MSF MSF MSF" in Morse code followed by speech, "This is MSF, Rugby, England, transmitting ...". Similar services in other countries also have call signs, such as DCF, HBG, JJY and WWVB.

Battery Precautions

Please take these precautions:

- Use only fresh batteries of the required size and recommended type.
- Never leave dead or weak batteries in the unit.
- If you do not plan to use the unit for several weeks, remove the batteries.
- Batteries can leak chemicals that can destroy electronic parts.
- Dispose of batteries promptly and properly. Do not burn or bury them.
- Non rechargeable batteries are not to be recharged. Rechargeable batteries are to be removed from the unit before being charged. Rechargeable batteries are only to be charged under adult supervision.
- The supply terminals are not to be short circuited. The batteries are to be inserted with the correct polarity.
- Batteries are harmful if swallowed so keep away from young children. Do not remove outer casings.

How should I care for my clock?

Please take these precautions :

- Keep the clock clean and dry. A soft cloth should be used regularly to keep the product dust-free.
- Do not use any corrosive cleaner or chemicals on the clock.
- Always store the clock without a battery whenever it is not in use.

Customer Services

Precision House

Starley Way

Birmingham International Business Park

Bickenhill Lane

Solihull

B37 7GN

0121 524 1400 (Monday - Friday 9:00am-5:00pm).

If you have any problems with your Precision time piece, please visit our Precision website on:

www.precisiontimekeeping.com

WEEE

The wheelee bin symbol indicates that waste and electrical equipment should not be treated as normal household waste. It should be segregated and recycled when it has reached the end of its life, which can be done free of charge at civic amenity sites. For your nearest facilities see www.recycle-more.co.uk This item complies with all the required European standards.

