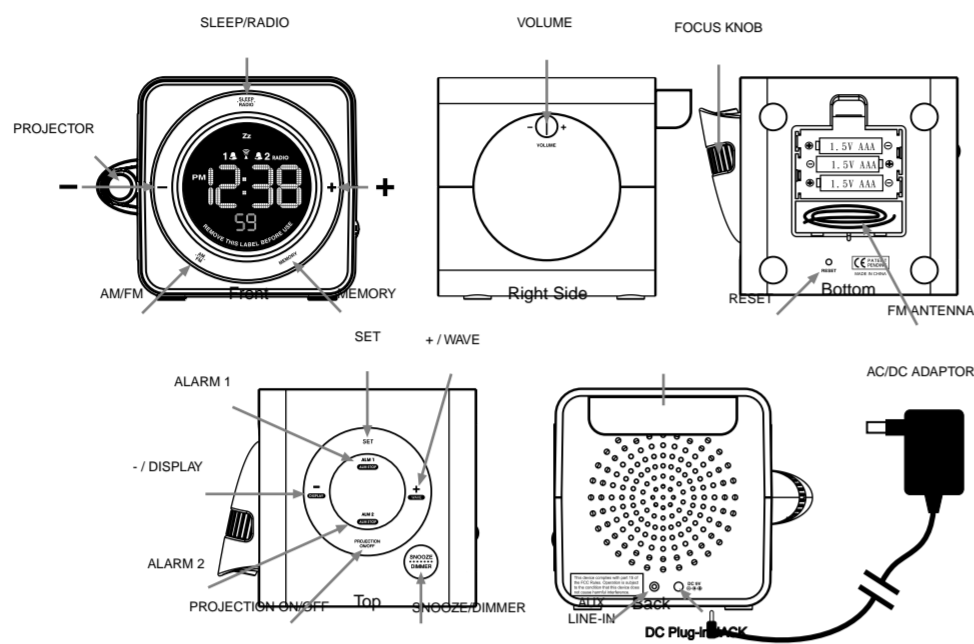


## WT-480 INSTRUCTION MANUAL



### INSTALLATION

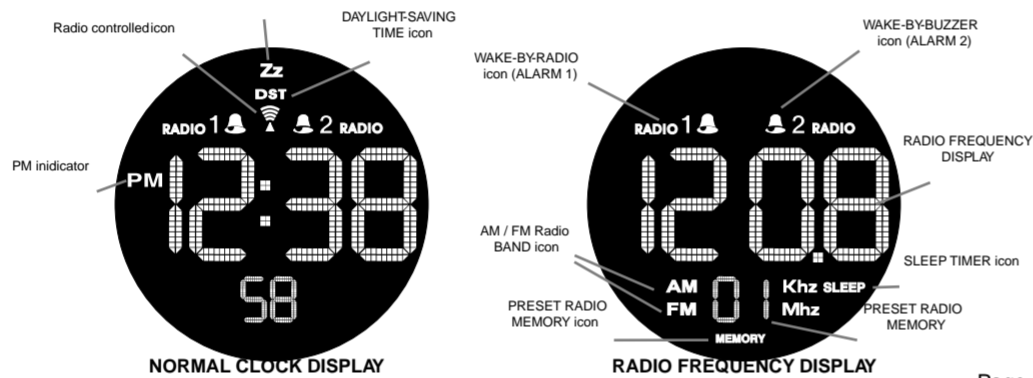
For best reception of radio controlled time signal and radio, keep your clock radio close to a window and away from metal surfaces, electrical appliances and strong magnetic fields. Keep your clock radio at least 3 feet away from the AC outlet or AC/DC adaptor. Plug the AC/DC adaptor to an European household AC outlet, then plug the DC jack to the back of the clock radio. Your clock radio is ready to work.

### BATTERY BACK-UP INSTALLATION

If the AC/DC adaptor power is disconnected or power failure or other interruptions occur, the back-up batteries will maintain the time and alarm settings. The radio, projection clock, LCD backlight and the Wake-by-Radio / Wake-by-buzzer function will resume to work when AC power is restored.

1. Remove the battery cover at the bottom of the clock radio.
2. Insert 3 x AAA batteries (alkaline batteries preferred) by observing the + and - polarity signs inside the battery compartment.
3. Replace the battery cover, making sure the cover lock into place.

**Note:** There is a FM antenna next to the battery compartment. Release and extend the FM wire antenna fully through the small opening at the bottom case. Do not strip, alter or attach to other antennas.



Page 1

### ENVIRONMENTAL RECEPTION EFFECTS :

Your radio controlled clock radio obtains the accurate time with wireless technology. Same as all wireless devices, the receiving ability may be affected by, but not limited to, the following circumstances :

- Long transmitting distance
- Nearby mountains and valleys
- Among tall buildings
- Near railway, high voltage cable, etc
- Near freeway, airport, etc
- Near construction site
- Inside concrete buildings
- Near electrical appliances
- Near computers and televisions
- Inside moving vehicles
- Nearby metallic structures

Place your clock at a location with optimal signal, i.e. : close to a window and away from metal surfaces or electrical appliances.

### Power Up Reception and Signal Strength Display

After plug in AC power, the clock starts to receive DCF signal. Icon blinks. Display shows "0:00".

Remarks : Pls do not turn on the radio when the clock radio is doing 1st DCF radio controlled reception.

The wave mark of the radio controlled tower icon indicates the strength of DCF time signal at the location of your clock radio :

- Strong DCF signal
- Medium DCF signal
- Weak DCF signal

If weak or no signal is detected, you will need to place the clock to another area for better reception, or unplug the AC/DC jack and plug again to start over reception again. When the Clock radio succeeds to catch the DCF time signal, the icon becomes static, if it fails the icon will disappear.

### Automatic Reception and Manual Reception

Automatic reception : this clock starts reception automatically everyday at 1:00am, 2:00 am and 3:00am. If auto reception fails, the clock radio will start automatic reception every 3 hours until it receives the DCF radio controlled time signal.

Manual reception : press - / WAVE button once anytime to start manual reception of DCF time signal.

Page 2

### SETTING THE CLOCK

#### TO SET TIME

1. Press **SET** to enter time set mode, the time digits blinking.
2. Press **+ / WAVE** or **- / DISPLAY** on the top of your clock radio to set your desired time. Remember to set the correct AM or PM time (PM icon will appear on the clock display to indicate PM time).

#### SETTING TIME ZONE

1. Then press **SET** again to enter time zone set mode, the clock display shows "01" and flashes, the clock is preset at time zone of European continent, press + or - to select "00" for U.K. and "02" for Finland.
2. Press **+ / WAVE** or **- / DISPLAY** to set your desired time zone

#### Daylight-Saving Time (DST)

When daylight saving time signal is received, a DST icon will appear on top of the icon.

#### SETTING 12HR OR 24 HR TIME FORMAT

1. Press **SET** again, the clock display shows 12hr and flashes.
2. Press **+ / WAVE** or **- / DISPLAY** to select 12hr or 24hr.

#### SETTING SNOOZE DURATION

1. Press **SET** again, the clock display shows Zz and 05 flashes.
2. Press **+ / WAVE** or **- / DISPLAY** to set your desired snooze duration from 5 to 60 minutes.
3. Press **SET** again (or if no key is pressed within 5 seconds) to return to normal clock display mode.

### USING THE ALARM

#### SETTING THE ALARMS

1. To set Alarm 1, press **ALM 1** button once, the clock display shows 1 and 6:00 flashes.
2. Press **+ / WAVE** or **- / DISPLAY** to set alarm time. Remember to set the correct AM or PM time. Press and hold **+ / WAVE** or **- / DISPLAY** will accelerate setting in faster speed.
3. Press **ALM 1** again to select Wake-by-Buzzer ( icon appears) or Wake-by-Radio ( **RADIO** icon appears)
4. To set Alarm 2, just repeat Step 1 - 3 above but use **ALM 2** button.

#### VIEWING THE SET ALARM TIMES AND TURNING ALARM ON AND OFF

1. Press **ALM 1** or **ALM 2** button once to review the currently set alarm time(s).
2. Press the button again to turn on or turn off the alarm. When the alarm is turned on, the related alarm icon appears in the display. When no alarm icon is displayed, the alarm is off and will not sound.

#### STOPPING AND RESETTING THE ALARM TO COME ON THE NEXT DAY

When Alarm 1 sounds, press the **ALM 1 / ALM STOP** button to stop the alarm sound and automatically reset it to come on the following day. Similarly, stop the alarm by pressing **ALM 2 / ALM STOP** button when Alarm 2 rings.

#### SNOOZE

When alarm sounds, press the **SNOOZE/DIMMER** once, the alarm will be silenced and come on again according to the set snooze duration.

#### USING THE PROJECTION CLOCK

Press **PROJECTION ON/OFF** button to turn on or off the projection clock. Turn the focus knob on the projector to adjust the image of the projected time onto the wall or ceiling.

#### ADJUSTING THE DISPLAY BACKLIGHT

This clock radio features an adjustable display backlight with dim, medium and bright settings. To select a backlight setting, press the **SNOOZE/DIMMER** button until the brightness is reached. This setting can only be selected when the radio is not playing.

**Note:** Please note the always-on backlight will not work while the clock is operating on battery power.

Page 3

### SETTING UP ANTENNA

1. An AM antenna is built-in to the unit; rotate the unit as needed for best AM reception.
2. Open the battery cover at the bottom case, extend the FM wire antenna fully and vary the direction for best FM reception. Do not strip, alter or attach to other antennas.

### TUNING AND PLAYING THE RADIO

1. Press **SLEEP/RADIO** once to turn on the radio, the clock display will flashes and show "ON".
2. Press **AM/FM** to select AM or FM band.
3. Repeatedly press either + or - at the front ring to tune into a desired radio station. To scan the stations, press and hold the + or - for a few seconds and release. The radio will search and stop on the next strong station.
4. You may also use the **MEMORY** function to select a preset radio station. See the **USING THE MEMORY SET FUNCTION**.
5. Rotate the **VOLUME** dial to adjust the volume level.
6. Press **SNOOZE/DIMMER** button to turn off the radio.

### USING THE MEMORY SET (RADIO PRESET) FUNCTION

This clock radio features a total of 10 preset memory of radio setting : five AM stations and five FM stations. These allow you to preset your favorite stations and access them quickly.

1. Turn on the radio, set the **AM/FM** band and select the station you want to preset.
2. Press and hold the **MEMORY** button until the clock display shows **MEMORY** and "01" flashes.
3. Press **MEMORY** button again to store Memory 01.
4. To select another station you like to preset, press and hold **MEMORY** button again until the clock display shows Memory and "01" flashes. Press **+ / WAVE** button on top to select "02" on the clock display, press **MEMORY** button to store.
5. Repeat Step 4 to preset up to five AM stations and five FM stations.
6. To listen to a preset station at any time, simply press the **MEMORY** to select a preset station while the radio is on.
7. To edit a preset station, select another station and repeat Step 2-4. This overrides the original setting.

### LISTENING TO THE AUX LINE-IN DEVICE

1. Connect your MP3 or other device into the **AUX LINE-IN** located at the back of the clock radio.
2. Turn on the external device and adjust the device output level or the **VOLUME** dial to adjust the volume level.
3. To stop playing the MP3 or other device, unplug your MP3.

**Remark :** using the **AUX LINE-IN** function will stop the radio function.

### USING THE SLEEP TIMER

1. Press the **RADIO/SLEEP** button twice to enter the sleep mode. The clock display shows the **SLEEP** icon and "5" (5 minutes) flashes. Keep pressing the **SLEEP/TIMER** to select a 10-, 15-, 30-, 45-, 60-, 75-, 90-minute sleep timer. The sleep timer display remains for few seconds and then returns to normal clock display. The **SLEEP** icon appears, the radio timer is activated.
2. The radio will play for the programmed sleep time and then shut off. To check how many sleep time is remaining, press **RADIO/SLEEP** button once.
3. To turn off the radio before the sleep time has elapsed, press **SNOOZE/DIMMER** once.

### TROUBLE SHOOTING

If your clock displays irrelevant time or does not function properly, which maybe caused by electro-static discharge or other interference, use a thin object to press the **RESET** button at the bottom of the clock. The clock radio will be reset to default settings and you need to set it again.

### CARE OF YOUR PRODUCT

1. Place your clock radio on a stable surface, away from sources of direct sunlight or excessive heat or moisture.
2. Protect your furniture when placing your units on a natural wood and lacquered finish by using a cloth or protective material between it and the furniture .
3. Clean your unit with a soft cloth moistened only with mild soap and water. Stronger agents such as Benzine, thinner or similar materials can damage the surface of the unit. Make sure the unit is unplugged before cleaning.
4. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
5. If the unit is not to be used for a prolonged period, such as a month or longer, remove the batteries to prevent possible corrosion. Should the battery compartment become corroded or dirty, clean the compartment thoroughly and replace the batteries.

Page 4