




# PEREL WC117 Wall Clock User Manual

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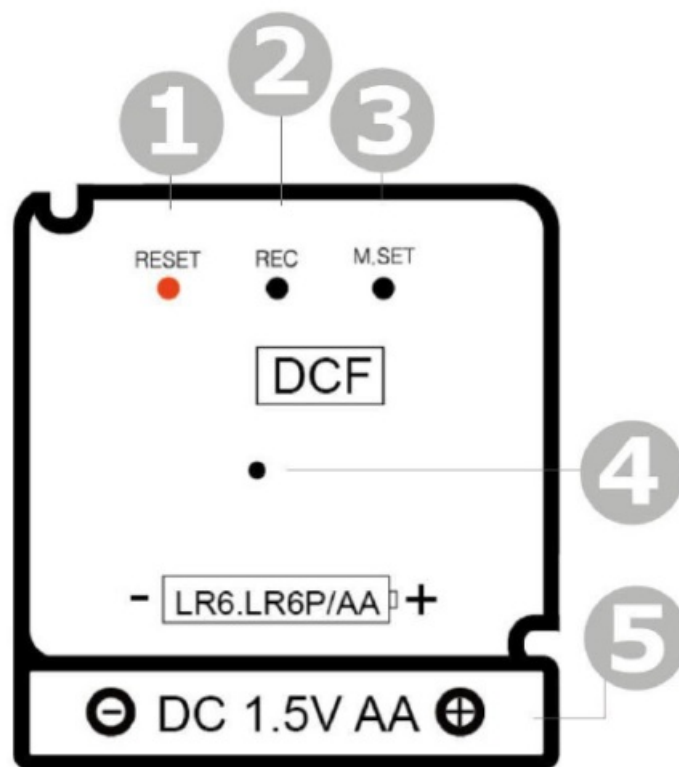
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# PEREL®

## PEREL WC117 Wall Clock



## Introduction



To all residents of the European Union  
Important environmental information about this product

This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling. This device should be returned to your distributor or to a local recycling service. Respect the local environmental rules.

**If in doubt, contact your local waste disposal authorities.**

Thank you for choosing Perel! Please read the manual thoroughly before bringing this device into service. If the device was damaged in transit, do not install or use it and contact your dealer.

## Safety Instructions

- Read and understand this manual and all safety signs before using this appliance.
- Indoor use only.
- This device can be used by children aged from 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the device in a safe way and understand the hazards involved. Children shall not play with the device. Cleaning and user maintenance shall not be made by children without supervision.

## General Guidelines

- Refer to the Velleman® Service and Quality Warranty on the last pages of this manual.
- All modifications of the device are forbidden for safety reasons. Damage caused by user modifications to the device is not covered by the warranty.
- Only use the device for its intended purpose. Using the device in an unauthorised way will void the warranty.
- Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems.
- Nor Velleman nv nor its dealers can be held responsible for any damage (extraordinary, incidental or indirect) – of any nature (financial, physical...) arising from the possession, use or failure of this product.
- Keep this manual for future reference.

## Overview

Refer to the illustrations on page 2 of this manual.

1. reset pin
2. forced signal reception button
3. manual setting button
4. protection pin
5. battery compartment

## Operation

### Battery

Do not puncture batteries or throw them in fire as they may explode. Do not attempt to recharge non-rechargeable batteries (alkaline). Dispose of batteries in accordance with local regulations. Keep batteries away from children.

1. Remove the protection pin before first use! Dispose of it in a safe way. Do not attempt to reinsert the pin

afterwards as this will surely damage the clock.

2. Insert a new battery in the battery compartment in accordance with the polarity markings inside the battery compartment.

## **Working Principle**

The clock contains a receiver, which receives a radio-signal from a radio station located near Frankfurt, Germany. This long-wave radio-signal (DCF77) is based on atomic clocks and contains time and date information. The clock automatically synchronizes with this master clock radio-signal and when necessary adjusts the positions of second, minute or hour hands of the clock.

Due to its nature, the radio-signal can be received indoors. However, it should be noted that the signal is weakened by the presence of concrete and metal. Therefore, the clock must not be installed in concrete basements or inside metal cages. In large concrete office buildings or apartments, the clock should be located near a window for better reception. Also, avoid installing the clock near strong magnetic fields or other devices that generate a lot of electrical noise (e.g. engines).

## **Operation**

Remove the protection pin before first use! Dispose of it in a safe way.

Do not attempt to reinsert the pin afterwards as this will surely damage the clock.

1. Insert a battery in the battery compartment. All hands will move forward towards 12:00. Note: when the original position of the second hand is between 11:55 and 12:00, the second hand will make a full turn before stopping at 12:00. The same happens with the minute hand when the original position is between 11:52 and 12:00.
2. Choose a location for the clock (see Working principle).
3. Wait until the clock receives the synchronization signal from the master clock. This might take up to 7 minutes. Note that the received signal is usually stronger at night.
4. Once synchronized, the hands will start moving towards the correct time.
5. When the clock does not receive the radio-signal, it will start running showing the wrong time. However, it will keep attempting to synchronize.

## **Manual Setting**

It is possible to set the time manually, e.g. for use in places where no radio-signal is received.

1. Press and hold the manual setting button. After  $\pm 3$  seconds the minutes and hour hands start moving.
2. Hold down the manual setting and release a couple of minutes before desired time setting.
3. Press the manual setting button repeatedly until the desired time indication is reached.
4. When no press is detected within 7 seconds, the clock starts running.

## **Forced Receiving**

1. To force the clock to synchronize, press and hold the forced reception button for  $\pm 3$  seconds. The current time is stored in memory and all hands will start moving towards 12:00. The clock attempts to synchronize with the master clock.
2. When synchronization is successful, the hands will move towards the correct time. If it fails however, the hands will move towards the time that was memorized.

## Reset

1. To reset the time and memory, press and hold the reset button with a piece of metal (e.g. a blank paperclip).
2. All hands will move to the 12:00 position and the memory is cleared. The clock will attempt to synchronize to the master clock.

## Technical Specifications

- power supply  
1 x 1.5 V AA/LR6 (not incl.)
- dimensions
- dial  
Ø 25 cm
- clock  
Ø 30 x 6 cm
- weight  
± 560 g

Use this device with original accessories only. Velleman nv cannot be held responsible in the event of damage or injury resulting from (incorrect) use of this device. For more info concerning this product and the latest version of this manual, please visit our website [www.perel.eu](http://www.perel.eu). The information in this manual is subject to change without prior notice.

### RED Declaration of Conformity


Hereby, Velleman NV declares that the radio equipment type [WC117] is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: [www.velleman.eu](http://www.velleman.eu).

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## Documents / Resources

	<p><b>PEREL WC117 Wall Clock</b> [pdf] User Manual WC117 Wall Clock, WC117, Wall Clock</p>
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## References

- [Details â€œ Own brands â€œ Velleman â€œ Wholesaler and developer of electronics](#)
- [Velleman â€œ Wholesaler and developer of electronics](#)