



OVOSONO

Circle350

Time Synchronisation

Setting and precisely synchronising the time



1. Overview

The OVOSONO Circle350 operates completely offline. The time is set manually using four buttons. A high-precision real-time clock (RV-3028-C7) ensures minimal deviation during continuous operation. This guide explains how to set and precisely synchronise the time.

- No internet connection required
- No app or smartphone required
- Setting via 4 buttons (T1–T4) on the housing
- High accuracy via integrated real-time clock

2. When does the time need to be set?

The time needs to be set in the following situations:

- During initial setup (clock out of the box)
- After a power outage or disconnecting the power adapter
- When switching between summer and winter time (button 2)
- If the clock shows a slight deviation after extended operation (a few seconds per month)

3. Setting the Time – Step by Step

The buttons are located on the right side of the housing, arranged vertically (T1 at top, T4 at bottom).

1. Press button 4 (T4) briefly to start time setting.
2. Set the hour: Press button 1 (T1) briefly = hour +1.
3. Set the minutes: Press button 2 (T2) briefly = minutes +5. Press button 3 (T3) briefly = minutes +1.
4. Press button 4 (T4) again to finish and save the setting.

WARNING

When you finish the time setting, seconds are reset to 0. Press T4 exactly when your reference clock (e.g. smartphone, radio clock) reaches the desired minute – this ensures second-accurate synchronisation.

4. Summer and Winter Time



After powering on, winter time (standard time/CET) is always active. Switching is done manually:

Press button 2 (T2) briefly to switch between summer and winter time.

Summer time (CEST): The display jumps one hour forward (+1 hour).

Winter time (CET): The display jumps one hour back (1 hour).

Change in central Europe: Last Sunday in March (summer) and last Sunday in October (winter).

5. Tips for Highest Precision

The integrated real-time clock (RTC) offers very high accuracy. For optimal results:

Use a reliable reference clock (e.g. smartphone time synchronised via internet).

Wait to finish the setting (T4) until your reference clock shows the desired minute.

Check the time every few months and correct if necessary.

Use a power adapter with only one USB port – adapters with multiple ports may cause brief voltage interruptions when additional devices are connected.

6. Troubleshooting

Common questions about time setting:

Time setting not responding: Check that you pressed T4 (bottom). The display blinks during time setting.

Time lost after power outage: Normal – the time must be set after every restart.

Time slightly off: The real-time clock may drift a few seconds per month. Correct if needed.

Summer/winter time wrong: Press T2 to toggle between summer and winter time.

For further questions, contact us at support@ovosono.com