

# BLONK | CLOCK

## **Important! Read this manual before placing a battery.**

Thank you for buying this BlonK design clock. I had a lot of fun creating it and I hope it will show you the right time in an artistic way for a very long time.

This clock is equipped with a **quartz DCF time mechanism made by UTS**. The time is **automatically synchronized with by an atomic clock** by means of a radio signal that is transmitted from Frankfurt/Mainfingen in Germany which covers all Western-European countries. It will adapt to Summer- and wintertime automatically.

### **At first use:**

1. As you probably noticed all needles of the clock are pointed at 12 o'clock. **Don't turn the needles by hand!**
2. Remove, at the back of the clock, the needle with the white dot which blocks the mechanism (see item 1 in the picture turning this page). Keep the needle somewhere.
3. **Install a non rechargeable battery** (size AA, 1,5 V).
4. The needles will start to move and stop at 4 o'clock. In this position they will wait for reception of the radio signal to synchronize the time. This may take a few minutes.
5. After reception of the radio signal the needles will move again and adjust to the exact time.

### **Replacing the battery:**

**Replace the empty battery by a non rechargeable battery.** Once the battery has been replaced the clock will try to synchronize again. This may take some time. If your clock hasn't synchronized within 15 minutes than follow the reset instructions below.

### **Reset instructions:**

1. Remove the battery and **remove all the needles from the clock.**
2. Wait for 2 minutes and put the battery back into the battery compartment.
3. Reset the clockwork by making contact with a flat screwdriver between the two small pins at the back of the clockwork (see item 2 in the picture turning this page).
4. The clockwork starts turning (without the needles mounted) until it stops at the 12 o'clock position. Wait for the clockwork to stand still (may take 5 minutes).
5. Remove the battery.
6. Put the small needle with the white dot (see item 1 in the picture turning this page) in the small hole at the back of the clockwork.
7. Place all the needles back on the axle in the **12 o'clock position.**  
Important: **don't turn the needles by handle when they are mounted on the axle.**
8. Proceed with the First Use Instructions.

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## Possible causes of malfunction:

The clock doesn't turn anymore:

- The battery might be empty.
- The clock is placed near another electric apparatus which disturbs reception of the radio signal needed to synchronize the clock. Place the clock somewhere else. It might be necessary to follow the reset instructions.

## Parts:

I used a standard mechanism for this clock that can easily be found on the internet (at [www.clockparts.nl](http://www.clockparts.nl) for example). Technical details:



101.4 UTS DCF quartz,  
AA Germany  
Length of the clock axle: 17 mm  
Maximum clockplate thickness: 9 mm  
Diameter minute axle: 3,5 mm  
Diameter hour axle: 5 mm

1 = needle with white dot that blocks  
the clock mechanism  
2 = reset pins

## Design & copyright :

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