

electronixclock
*four*TINY

Instruction manual
ENG

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Introduction

Thank you for purchasing electroNIXclock. Its original design for sure will complement tasteful interior. While the warm and unusual displays color will not let anyone go past indifferently!

This user manual explains how to use the clock.

Supplied items

- complete, assembled clock with nixie tubes
- dedicated AC adaptor
- this instruction manual

Warning!

Nixie tubes are very delicate. The clock should be used with caution. Avoid shocks and bumps. In the case of damage of glass tube disconnect clock from mains immediately!

Specification

Parameter:	Value:
Dimensions [height x length x width [mm]]:	65 x 80 x 180
Weight:	375g
Power requirements:	12VDC from 230V AC adaptor
Power consumption:	~1,5W
Digit height:	15,5mm
Ability to fade tubes:	yes
Automatic tubes brightness control:	yes
Alarm:	yes
Backup Power supply:	yes

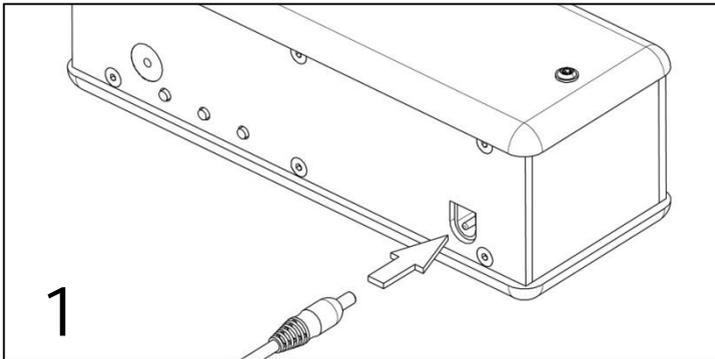
Clock unpacking

Unpacking should be carried out with particular attention. Carefully remove the clock from the box, remove protection foil. Check visually the status of nixie tubes.

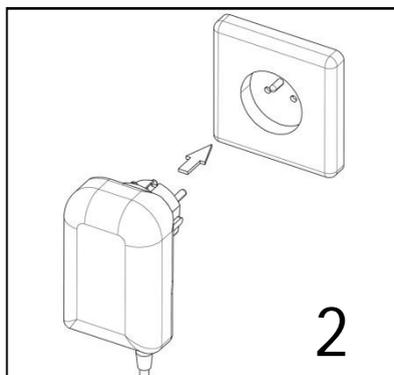
Connection

ElektroNIXclock is equipped with a supercapacitor backup system to keep run RTC in case of mains brake. Depending on the conditions back up is to 8 hours.

To start the clock running, simply connect the power adaptor to the connector of the clock:



Then connect the plug the AC adaptor to the wall outlet:



Warning!

Unplug the power supply before opening the housing of the clock!

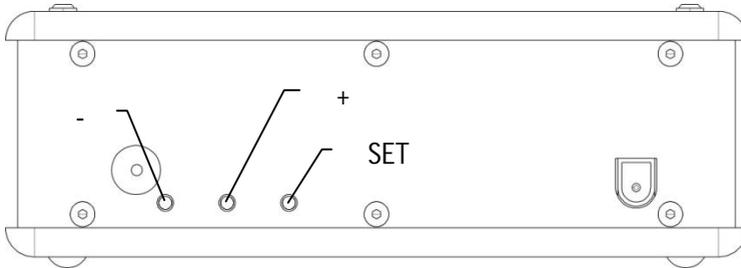
The manufacturer of the clock has made every effort to apply evenly bright and firmly tubes. Each clock is individually tested before will go to the client. However, because of age of tubes, it may happen that after you turn clock on for a first time tubes will not lit evenly. Then, you should leave the clock connected to the mains and wait about an hour. After this period, all tubes should return to full brightness.

If the connection to the mains will occur at the time when the backup supercapacitor is flat, time 00: 00 appears on the display and you will hear a signal of alarm. To stop the alarm, press any key on the back of the housing.

If the connection will occur at the moment when the backup supercapacitor is charged there is no need for adjustment.

Setting time and alarm

The clock has 3 buttons: "SET", "+", and "-" located in back of the housing.



To adjust the time hold down for longer than 2 seconds "SET" button. Minute display and second neons will be dimmed. Adjust appropriate hours number by pressing buttons "+" and "-".

To go to set minutes, hold down the "SET" button again for more than 2 seconds. This time, the hourly display will be dimmed. Adjust appropriate amount of minutes by pressing buttons "+" and "-".

Pressing and holding the "SET" button longer than 2 seconds again will save time settings and go to the alarm setting. This state will be signaled by bottom neon indication.

To cancel the alarm setting press simultaneously and hold the buttons "+" and "-". The alarm is deactivated, and the clock will return to the timing mode, which is signaled by neon dots blinking.

Setting the alarm is done similar to setting the time. Pressing and holding the "SET" button longer than 2 seconds will save time and alarm settings and return to the timing mode, which is signaled by neon dots blinking.

Alarm zostanie uruchomiony po osiągnięciu nastawionej godziny na czas 1min. i zostanie automatycznie dezaktywowany. Wcześniejsza dezaktywacja możliwa jest poprzez naciśnięcie dowolnego przycisku.

The alarm will be triggered after achieving time set in alarm settings. Alarm duration is maximal 1 min. After 1 min. alarm will be automatically deactivated. Earlier deactivation is possible by pressing any button.

Tubes dimming

The clock is able to completely fade tubes. This activity can be done to extend the durability of nixie tubes. To fade the tubes, press simultaneously the buttons "+" and "-" and hold for more than 2 seconds. Press again to turn on the tubes again while the buttons "+" and "-" and hold for more than 2 seconds. The tubes will be automatically enabled when the alarm signal triggers.

Brightness settings

The clock has a light intensity sensor. The brightness of the tubes is automatically reduced in the dark. This feature also extend the durability of nixie tubes.

Cleaning

Clean the clock with dry and soft cloth.

Warranty

Warranty covers all items except nixie tubes. The warranty period is 1 year from the date of sale.

Producer

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