Programming instructions for "YANP Digital Time Switch YP109A" with a powerbank and LepiLED

Before programming: Timer
Before the first use, the timer must be connected to the grid (via USB adapter) for several hours in order to charge the internal battery.

Before programming: Power bank battery
Connect the timer with your power bank battery. Then connect the LepiLed to the timer. It is important that the powerbank does not switch off, but this happens in most models because the battery does not recognize the timer as electronic device. If the powerbank switches off, it often helps when a memory stick or another small consumer is connected to the powerbank – either directly or with a USB Y cable. The battery remains active.

First steps
When the power is first turned on, the display activates and lights up completely. The timer is ready for operation as soon as "WEEK" is displayed in the top line on the left and "Mo" next to it. The timer starts counting at Monday 0:00:00.

Importantly, after 30 seconds, the timer's **key lock** will activate. The active key lock can be recognized by a symbol (like a mirror-inverted 6) at the lower right edge of the display. The key lock can be deactivated by pressing the **C/R** key five times.

The entire timer can be reset with the **C** key.

Function test
The bottom line of the display shows "AUTO". Pressing the MANUAL key several times activates the "ON" mode instead of "AUTO". The LepiLed now lights up. Press the MANUAL key several times again to switch the timer to "OFF" mode. The LepiLed is off. For operation, it is important that the timer is switched back to "AUTO" mode. To do this, press the "MANUAL" key several times.

Time Programming
As soon as the timer "Mo" displays "0:00:00", the weekday and time can be set. The day is selected by pressing the **D+** key. The top line then displays "Tu", "We", etc. The hour is

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selected with **H+** (first large number on the display). Secondly, the minute is selected with **M+** (the second large number on the display).

The seconds cannot be set, and the timer is preset to the 24 hour time format.

The Timer Menu
A maximum of 16 program slots are available. You can use none, or one up to 16 slots. Each used slot must be assigned a start and end time.

The **P** key calls the timer menu and at the same time the first slot when pressed. The number of the current slot is indicated by a digit (1–16) at the bottom left of the display. As soon as a slot is called up, "ON" is displayed to the right of the digit at the top. This means that the start time is programmed from which the LepiLed should light up.

1) Set the day: select the desired day of the week with **D+** in the top line. Pressing the **D+** key several times allows the selection of individual weekdays. The corresponding day is displayed in the top line in each case. In addition, the following combinations can be selected:
- Monday Wednesday Friday
- Tuesday Thursday Saturday
- Saturday Sunday
- Monday Tuesday Wednesday
- Thursday Friday Saturday
- Monday Tuesday Wednesday Thursday Friday
- Monday Tuesday Wednesday Thursday Friday Saturday
- Monday Tuesday Wednesday Thursday Friday Saturday Sunday

2) Select the hour with **H+**. Press **H+** until the first large number indicates the desired hour. If gone too far, simply continue pressing until the number is displayed again.

3) Select the minute with **M+**. Press **M+** until the second large number indicates the desired minute. If gone too far, simply continue pressing until the number is displayed again.

As soon as the start day and time have been entered, confirm by pressing the **P** key. Now "OFF" is displayed to the right of the number at the bottom. This means that now the end time is programmed until when the LepiLed should be on. Repeat steps 1) to 3). Then press **P** again. This completes the slot and you can continue with the next slot.

The **CLOCK** key terminates the timer menu.

Later programming corrections
If one or more slots have to be reprogrammed, you have two choices. For both, the timer menu must first be called up via **P** and the corresponding slot selected.
A.) Correct the numbers with the **D+, H+, M+** keys.
B.) Reset the corresponding time with the **C/R** key. Then follow steps 1) to 3) again.