Warm Tube Clock v2 – menu

Menu for Warm Tube Clock v2 firmware „03d-06m-2011y".
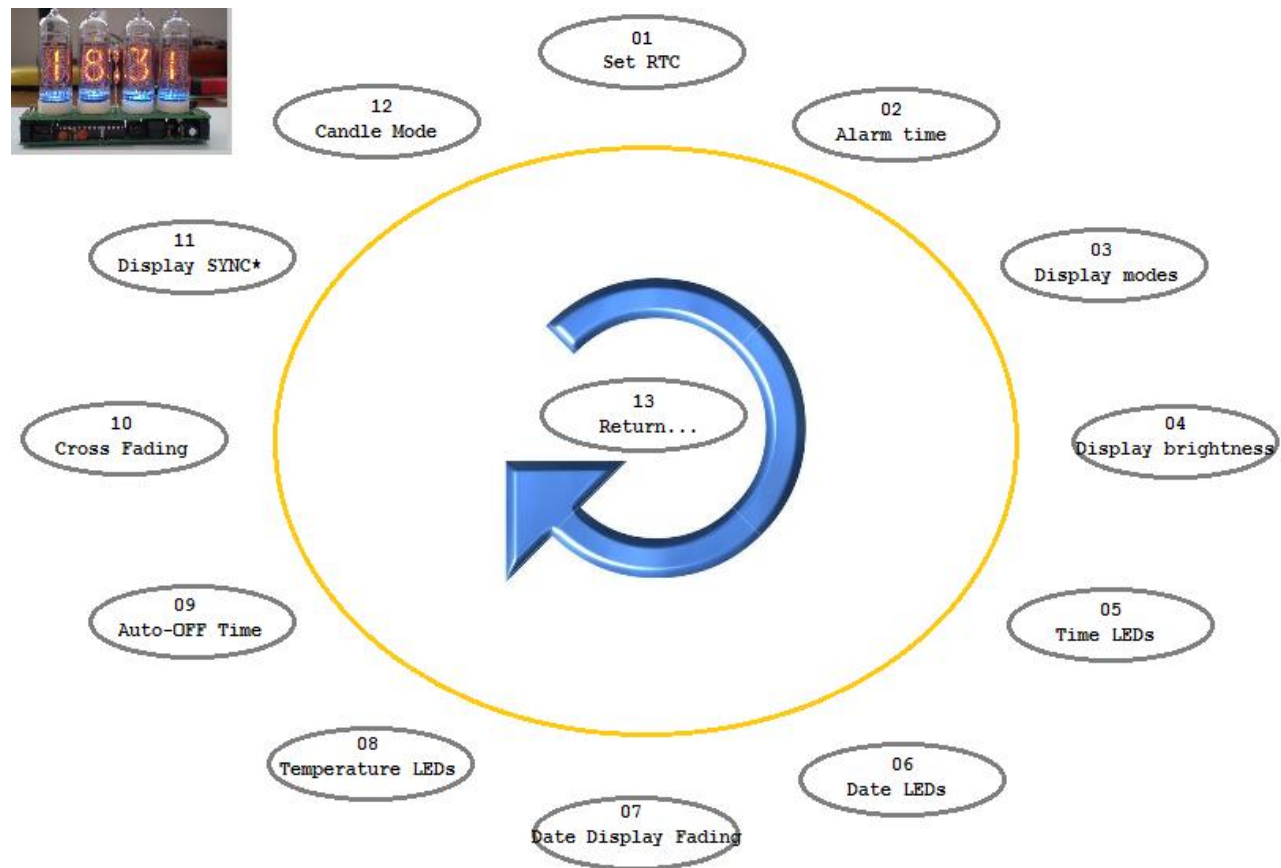
Bank	Option	Description
01	Set RTC	Setting RTC time, date and time&date display format. Setting is **always** performed in this format: **HH:MM DD.MM.YYYY** and 24-hour format. **HH:xx** – hours (00-23, setting hours always in 24 hour format) **xx:MM** – minutes (00-59) **DD.xx** – day of month (01-31) **xx.MM** – month (01-12) **20YY** – year (2000-2099) **xx12/24** – hour format (12 or 24)
02	Alarm Time	Setting the alarm time. **HH:xx** – hours (00-23, setting hours always in 24 hour format) **xx:MM** – minutes (00-59)
03	Display Modes	Setting modes and mode times/durations. Display can show: TIME, DATE, TEMPERATURE, SECONDS. **1x:SS** – showing time (00(off)-99 duration) of TIME in seconds, **2x:SS** – showing time (00(off)-99 duration) of DATE in seconds, **3x:SS** – showing time (00(off)-99 duration) of TEMPERATURE in seconds, **4x:SS** – showing time (00(off)-99 duration) of SECONDS in seconds.
04	Display Brightness	Set maximum Nixie Tube brightness. Value of: XXXX-4095, where 4095 is maximum brightness and XXXX is a value that is automatically derived from „Display SYNC*" option after first clock-startup. It is almost always around ~3860 and that is when Nixies are completelly off.
05	Time LEDs	Mix RGB color for displaying when TIME is displayed on tubes. Tubes first show: R-G-B-RESULTING_COLOR where you can set Red, Green and Blue values and see resulting color. Next display will show **xxx0** or **xxx1** which means: LEDs disabled or enabled.
06	Date LEDs	Mix RGB color for displaying when DATE is displayed on tubes. Tubes first show: R-G-B-RESULTING_COLOR where you can set Red, Green and Blue values and see resulting color. Next display will show **xxx0** or **xxx1** which means: LEDs disabled or enabled.
07	Date Display Fading	Set brightness of tubes for DATE display. Tubes first show: **XXXX** where you can set tube brightness, where **4095** is maxumum and **XXXX** current value. Next display will show **xxx0** or **xxx1** which means: Dimming with preset value disabled or enabled.
08	Temperature LEDs	Mix RGB color for displaying when DATE is displayed on tubes. Tubes first show: **R-G-B-RESULTING_COLOR** where you can set Red, Green and Blue values and see resulting color. Next display will show **xxx0** or **xxx1** which means: LEDs disabled or enabled.
09	Auto-OFF Time	This option will save your Nixie tubes from glowing when not necessarry. Here you will set two times: ON time, and OFF time (both in 24-hour format). Tubes first show: ON time. **HH:xx** – hours (00-23, setting hours always in 24 hour format) **xx:MM** – minutes (00-59) Next, tubes will show OFF time in same format: **HH:xx** – hours (00-23, setting hours always in 24 hour format) **xx:MM** – minutes (00-59) Next, tubes will show **xxx0** or **xxx1** to disable or enable the Auto-OFF option.
10	Cross Fading	This option will enable or disable the tube Cross Fading option, and cross fading speed. Tubes first show: **SSSxx** – speed of cross-fader where **001** is minimum value and maximum value is around **50** (variable depending on tube types). Recommended value for this is between **10-25**. Next display will show **xxx0** or **xxx1** which means: cross-fading disabled or enabled.
11	Display SYNC*	Calibration of „last-off" value for Nixie Tube display. You can start this option if cross-fading or auto-off option is not working properly.
12	Candle Mode	Candle flickering simulation mode – for a bit of romance.
13	Return...	Save settings and return to normal display mode.

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