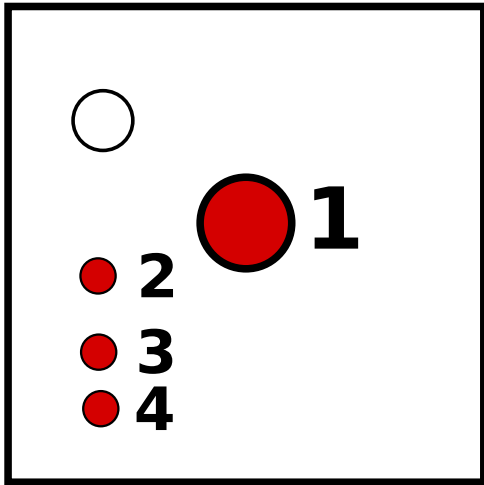# MONSTER CLOCK MANUAL

Button allocation:

1. **Alarm button on/off**
2. **Menu button**
3. **Set button**
4. **Add button**

Display test:

Power on the monster clock.

A monster (alien) appears on the display. Now quickly press the ADD button and the device changes to the display test mode. All 576 LEDs will light up.

To leave the test mode, press the MENU button.

Each time you power on the monster clock you will be in the display test mode.

Menu settings:

Step 1: Press the MENU button to select the menu setting, press again and you will advance to the next menu item.

Step 2: Press the SET button to enter the setting mode. You can now change the settings with the ADD button.

Step 3: Press the SET button again, you advance to the next settings item. Change the settings with the ADD button.

Step 4: When you have reached the last settings item, press the MENU button to return to the menu setting or press the SET button to leave the settings menu and the clock goes into normal operation mode.

Show date:

Press the SET button and the clock will display the date. After 20 seconds the clock will return to normal operation mode.

Menu structure

Menu setting	Setting point 1	Setting point 2	Setting point 3

SET ALARM | **ALARM NO. 1-4 00.00**

Choose the alarm time:

Step 1: you can set 4 alarm times, each edge of the clock has its own alarm time. Turn and choice an edge of your alarm clock.

Step 2: Press the Menu button to select the menu setting , the first menu item is SET ALARM.

Step 3: Press the SET button to advance to the setting item SET ALARM. You can now change the settings with the ADD button.

Step 4: When you've reached the last setting item, press the MENU button to return to the MENU or press the SET button to leave the settings mode and the clock goes to normal operation mode.

SET TIME | **TIME SET 00.00.00**

SET DATE | **YEAR SET 20.15<-** | **MONTH SET -> 01** | **DAY SET -> 01**

SET SCREEN | **SHOW TIME 12/24 HOUR** | **SHOW SECOND ON/OFF** | **SHOW SCREEN >NORMAL >DATE >TEMP-eratur**

SHOW TIME: Choose the 12 / 24 hours modus.

SHOW SECOND: ON / OFF

SHOW SCREEN:
NORMAL modus shows the Alarm status.
DATE modus shows the date.
TEMP modus shows temperature on the display.

SET BRIGHT | **BRIGHT LEVEL -> 1-10**

BRIGHT LEVEL: Adjust the brightness level of the display.
Levels 1 to 10

SET BUZZER | **BUZZER STOP -> 1-50** | **BUZZER Level -> 1-7**

BUZZER STOP: Adjust the Alarm duration.
Minimum 1 minute / Maximum 50 minutes.

BUZZER LEVEL: Adjust the alarm sound.
Levels 1 to 7

SET BEEP | **BEEP SOUND ON/OFF**

SET TEMP | **TEMP SET Celsius Fahrenheit** | **TEMP ADJUST 000. °C**

TEMP SET: Choice: Celsius / Fahrenheit

TEMP ADJUST: Calibrate the temperature, press the Add button to adjust the temperature.

Range -5° to 0° to +5°C/°F (the spot behind the digit marked the "0°C/°F" temperature).

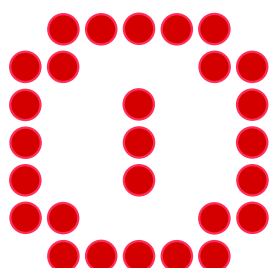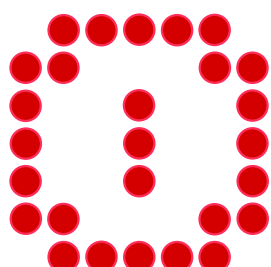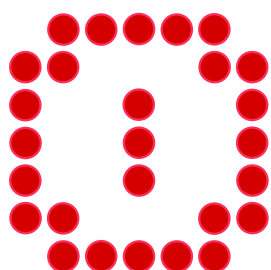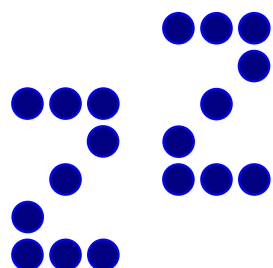**CLOCK INFO** | **MON-STER CLOCK** | **DRIVER VER.** | **COPY RIGHT 2015 CH. KREIS**
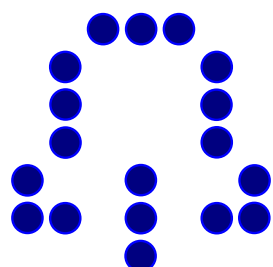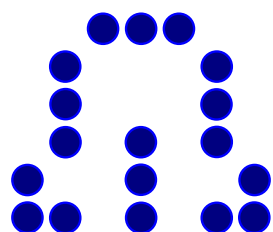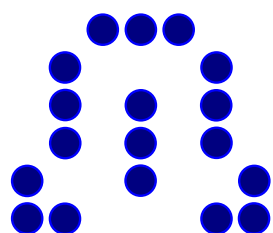
ALARM STATUS

ALARM ICON at TEMPERATURE OR DATE DISPLAY

SHOW SCREEN -> DATE
SHOW SCREEN -> TEMP

ALARM ICON at NORMAL OPERATION

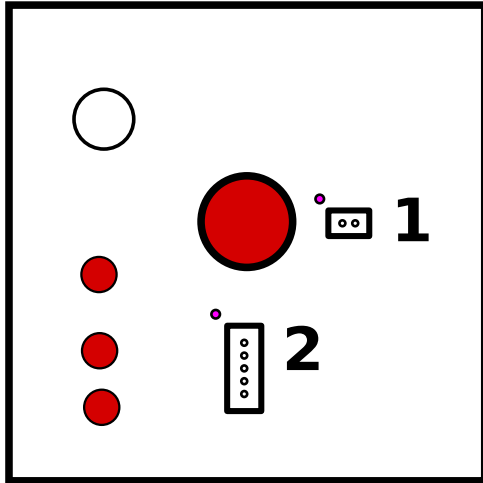**SHOW SCREEN -> NORM**
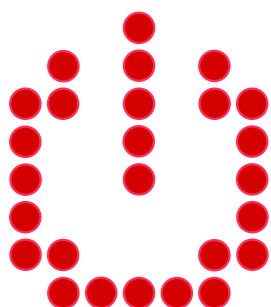
ALARM OFF

ALERT ! ON

GET UP!

SNOOZE

Snooze mode:
Is the alarm activated, you can sway or turn the clock to get in the snooze mode. After 9 minutes the clock will activate the alarm again.
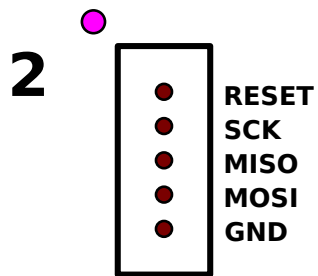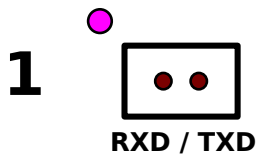
MONSTER CLOCK INTERFACES

Interfaces:

1. RXD/TXD
2. ISP

Pinout:

1 RXD / TXD

2
RESET
SCK
MISO
MOSI
GND

General information :

Power outage: After a short power outage the display could freeze. To solve this problem, unplug the power supply at least 5 seconds.

Temperature: The alarm clock shows the approximate temperature.

Alarm: If you have pressed the alarm button and you enter the alarm mode, the display will not change when you turn the clock around.

Twisted cable: Avoid a twisted power cable, turn the alarm clock in the opposite direction.

WARNING:

Do not put any items into or on the clock. Protect your clock from water and any other liquids. Avoid damp rooms when you operate this device.

Use a suitable power supply unit (input voltage 9-12 volt and max. 1 ampere). Inappropriate voltage or polarity can cause permanent damage. We will not accept responsibility for any injury, harm or damage as result of operating this appliance.