

The cosy table lamp with any bottle



- 1) **Getting started – waking the lamp up from deep sleep mode (or setting it back):**
 At the very beginning the lamp is in a lowest power deep sleep mode wherein it can become woken up only by a first charging. After the lamp was woken up once, the lamp goes 1 Min after being switched off into a low power mode wherein it still wakes up via a Touch signal.
 If you like to set the lamp back again into the deep sleep mode, e.g. for a longer travel to avoid an accidental switch on, you can go to Colour change mode and change the colour for more than 20 times (see below).
- 2) **ON /OFF switching of the lamp:**
 To switch the lamp on or off again, please touch the top of the lid with a short TOUCH. The acrylic part of the lid is connected to a TOUCH sensor beneath.
- 3) **Dimming of the light intensity:**
 In order to raise or lower the light intensity, please touch the top of the lid with a long TOUCH which is longer than 0,5 seconds. The light intensity is then either raised or reduced stepwise until you take the finger away from the top of the lid.
 After you took the finger away and put it back again onto the TOUCH sensor, the direction of the raising or reducing of the light intensity is turned and turned again.
- 4) **Charging the lamp:**
 In order to charge the lamp, please pull the lid up until you see the micro USB receptacle at a side of the upper part of the lamp. You feel a little resistance in the upper position of the lid which prevents that the lid falls off while and after you inserted the USB power cable. The other end of the USB power cable you plug into any USB power supply which has a supply current of at least 700 mA at +5VDC.
 At the beginning the lamp is switched on with a low-medium light intensity signaling the light colour and being in colour change mode for three seconds, afterwards falling back into the light condition from before connecting USB power to the lamp.
 After the lamp is completely charged the light turns on with the lowest intensity, if the lamps was switched off before.
 If the lamp was switched on before USB voltage is supplied, the lamp goes shortly into the colour change mode, as explained above, and then goes back to the light condition from before connecting USB power to the lamp. Then the lamp gets charged but it doesn't get charged as completely as without being switched on.
ATTENTION: After the disconnection of the USB power from the lamp (usually by disconnecting the cable from the lamp), please push the lid back onto the lamp within 3 Seconds, then a recalibration of the TOUCH sensor takes place, in order to work correctly again.
 If the 3 Seconds elapsed and the lid is not in place the TOUCH sensor detects a virtual TOUCH and begins dimming. In this case keep the lid tightly closed and don't touch the TOUCH sensor for about 30 Seconds, then it is recalibrated and works properly again.
- 5) **Charging current**
 At the beginning for 2 s: Charging current according to the inner resistance with 1A/Ohm;
 500 mA normal current; 50 mA if battery voltage is < 3V; 100 mA if battery voltage was very low until battery voltage reached 3,6V; 20 mA in an end stage of battery charging; 10 mA + LED current after the battery is completely charged.
- 6) **Colour change mode:**
 The lamp is in colour change mode shortly after USB power is applied to the lamp. Therein the lamp is switched on with a low-medium light intensity signaling the light colour.
 With each TOUCH the lamp changes the colour alternately between warm white and cold white light. Three seconds after no TOUCH occurred anymore, the lamp goes out of the colour change mode. It can be set back into the colour change mode only after a disconnection and reconnection of the lamp from/to USB power.
 More than 20 times alternating the light colour sets the lamp into the deep sleep mode, wherein it remains until USB power is disconnected and reconnected again.
- 7) **Light colour:**
 The light colour of the lamp is in the Colour change mode of the lamp, as described above. This applies for the lower half of the light intensities, wherein in the upper half of the light intensities the respective other light colour gest mixed in.
- 8) **TOUCH Sensor:**
 The Touch sensor in the lamp is connected to a conductive plane under the upper side of the lamp under the lid. If the lid is lifted for applying USB power, for instance, and set back afterwards the TOUCH sensor detects a virtual Touch signal and starts dimming up or down. This mode cannot become prevented then anymore, but we have to wait 30 Seconds until the TOUCH sensor gets recalibrated and adapted to the new environmental condition.
- 9) **Environmental and temperature conditions:**
 The Operating temperature range is 0 ... +50°C, Charging temperature range is 0 ... +45°C. Outside of these temperature ranges an internal temperature sensor might stop functions.
- 10) **Attention: Don't put the lamp into any beverage, and keep the lamp away from Children under the age of three.**
- 11) **Special features and Indicating Light Codes:**
 During charging: Blinking 2 / s: out of temperature range 5° ... 45°C
 During charging: Blinking 1 / 2s: battery was very low;
 LED is switched off during not charging: Battery is too low, or out of temperature range:
 LED is blinking with 1 Hz: Battery very low before switching off.