



## 1. Name of the product

Nenka Interactive LED Tube 180x15 cm

## 2. Product code

21510094

## 3. Colour

White



## 4. Short description

A versatile maintenance-free LED tube that can display breathtaking light patterns. Visually stimulating and complete with 3 sound-sensitive programs. An ideal alternative to the water-filled bubble units.

This LED Light Tube is attractive for users of all ages with or without disabilities and can provide stimulation and relaxation. When using the included (or other Nenka compatible) switch, the LED Light tube can be used for action-reaction stimulation, as well as for therapeutic and learning purposes.

## 5. Content

- 1 x 220V power cable
- 1 x 30W 5V DC supply adapter
- 1 x LED Light Tube
- 1 x Switch button
- 1 x Foot LED light tube

### ***! Attention !***

*Only use the 5V DC power adapter which is included with this LED Light Tube. Do not connect another poweradapter as this may damage the LED Light buis.*

## 6. Sensory stimulation

Sight

## 7. Commissioning

Place indoors on flat (floor) surface.

1. Carefully remove the package. The tube and the base must be connected to each other by means of a plug.
2. Connect the 220V power cable to the 5V power adapter.
3. Connect the 5V power adapter to the socket labeled "5V DC INPUT" on the LED Light Tube base.
4. Plug the 220V plug into the power outlet.
5. Turn on the LED Light Tube with the ON/OFF switch on the base.





## 8. Installation

The LED Light Tube has 16 programs which can be selected using the black MODE button on the LED Light Tube base.

MODE 1 White bubbles with red background – upward movement

MODE 2 White bubbles with green background – upward movement

MODE 3 White bubbles with blue background – upward movement

MODE 4 White bubbles with grey background – upward movement

FASHION 5 Vertical rainbow

MODE 6 Blue/white vertical stripes

MODE 7 Red/white vertical stripes

MODE 8 Lollipop – rainbow with upward movement

MODE 9 Colors fade – even change of rainbow colors

FASHION 10 Candy Cane – red/white diagonal stripes

FASHION 11 Pink/green diagonal stripes

FASHION 12 Blue/green diagonal stripes

MODE 13 Sound dependent\* - responds to music/sound volume - green to blue

MODE 14 Noise-dependent\* – colour changes step by step with each individual sound

MODE 15 Sound dependent\* – "silence" Program – Rainbow pattern moves upwards and disappears if too much noise is made. Ideal to encourage 'being more quiet'

MODE 16 Automatic switching of program 1-15. The interval time can be set with the red SPEED button. There are 5 modes: 2 sec\*, 30 sec, 3 min, 10 min, and 30 min. Press the SPEED button once to move to the next interval time.

**\* Note:** The 2 sec interval has only been added to give the user an idea of which setting has been chosen. Example: With the SPEED button, simply change the time interval to 2 sec and then press 4x to set the time interval to 30 min.

The LED Light Tube will start up in the last selected program mode.

**\* Set the sound sensitivity (program 12, 13 and 14):**





For all 3 sound-dependent programs, the sound sensitivity can be adjusted with the red SPEED button on the LED Light Tube base. Press once each time to move to the next position. The LED Light Tube has 5 sensitivity settings.

**To reset sound sensitivity to factory settings:**

1. Press and hold the red SPEED and black MODE buttons on the back of the LED Light Tube together.
2. The background noise will then be registered. While this is happening, the LED Light Tube will flash red.
3. When the registration is finished, the LED Light Tube will turn green.
4. The SPEED and MODE buttons can now be released.

**Adjust light pattern speed**

The speed of the light patterns can be adjusted with the red SPEED button on the back of the LED Light Tube base. Press once each time to move to the next position. The LED Light Tube has 5 speed settings.

The LED Light Tube will start up with the last selected speed setting

**Connection external switch**

There is a JACK connection next to the MODE switch on the back of the LED Light Tube base. This can be used in combination with suitable switches, such as the supplied push button switch. A switch gives the user the possibility to choose a program himself by pressing the button.



**DMX**

The LED Light Tube is DMX compatible. The DMX connection is located within the base of the LED Light Tube base. Ask for the possibilities in combination with other NENKO products.

**Connecting a DMX cable:**

1. Remove the cover from the base.  
Lift the cover vertically.  
The hood is attached to the base with Velcro.
2. Connect the DMX cable or Wifi unit  
(optional, not included):
3. Replace the cover.

Connecting a compatible DMX cable allows the user to control the color of the tube.





## 9. Technical information

Dimensions (base): 400mm x 400mm x 69mm

150 mm diameter acrylic tube – heights: 180 cm

Weight (unpacked): 9.6Kg(180 cm)

Weight (packed): 12.1Kg(180 cm)

Packaging measures: 430mm x 430mm x 1830mm (180 cm)

Power adapter: UL, CUL and CE approved

Input 100-240VAC 50-60Hz

Output: 5VDC 6A (30W)

## 10. Related products

In addition to the supplied switch, there are also other (optional) switches, including the NENKO Interactive wireless color switch panel (22009).



For more information, you can visit our website [www.nenko.com](http://www.nenko.com)

