

I. THE BASIC SECTION.

1. Charging and indication.

ATTENTION! Do not keep the props discharged for a long time. For fast charging use the network adapter. The average time of full charge is about 2 hours.

Charge level indication.

It is defined in 2 ways:

1. When the props are connected to the network and the indicator is on.
2. At the time of turning on the props when the charging light of a certain color is gradually moving.

Green light - the charge is more than 80%

Yellow light - the charge is under 80%

Orange light - the charge is under 50%

Red light - the charge is under 10%

Does not turn on - the charge is under 5%

Power saving mode. It can be turned on by long pressing on the power button. If after the usual indication the props blink pink - a power saving mode is turned on! To exit this mode - turn off and on the props in a usual way one more time. The power saving mode may be useful if you forget to charge the props and you need to use them for a long time, it is also suitable for use on photo shoots and in very dark rooms as they make the color rendering better. While brightness decreases in 2 times, the working time increases more than 3 times.

2. Navigation.

To turn on the props - press long on the button 1, the charging line is gradually moving.

To turn off the props - press long on the button 2, the charging line blinks blue and green.

Switching modes in a folder:

The next picture - a short press of the button 1

The previous picture - a short press of the button 2

Switching a folder with modes:

The next folder - a long press of the button 1,

The previous folder - a long press of the button 2,

For the easy navigation, after pressing the buttons, a folder or a picture number corresponds to a LED number while switching.

For example: The third LED from the edge has lighted - it means that you switched to the third picture or folder.

Reset to first mode and first folder (when props is on) - a long press of the button 1 (turn on button) red blink.

3. Navigation for folders with a show program:

When you open the folder with a show program, the LED number starts to blink.

To start the program you need to press a push button (the charging line is pink), the program will turn into "at the start" mode, then by pressing any button, you can start a show program in 1 second.

Pressing the buttons in a running show program mode leads to:

To restart a show program - press short at the button 1

To open the next image in a program - press short at the button 2

II. THE CONTENT EDITING AND CREATION SECTION.

1. A creation of your own images and modes:

To create images use - any editing program, Paint.Net, Photoshop etc. (Do not mix up Paint.Net with a basic Windows editing program. Paint.Net - a simple and free extensive program for editing images for beginners). You can download it here - <https://www.getpaint.net>

The key point is a file format and size. The format of the image should be - **.bmp 24-bit**, the size in height should not be more than 5 pixels. The maximum size in width is 175 pixels, but the recommended no more than 100 pixels.

An example of a mode creation. Open Paint.Net, create a new document with a size, for example, 5*75 pixels, set the zoom to 500% and more, start creating the image, to have an example you can open any of the existing ones.

2. Folders creation and naming of the images.

To make props understand that you have created a folder with a program (with an automatic changing of images with timing) you need:

1. To start a folder name with a two-digit number.

Correct - 01_prog_name, wrong - 1_prog_name. "name" in a folder name can be any.

2. To put after a folder number an underscore and a kind of folder - it can be a folder with an images group "group" or a folder with an images program "prog", after the underscore you can put any name.

Images names. To name images in folders you should also put their number, then an underscore, then any name up to **13** symbols in ENGLISH.

For example, the correct variant is: 04_star, the wrong one is: 01_колокол 2_google

Numbers can be put out of order, start not from the first one, have spaces, for example, 01 03 04.

The main thing is the right name of prefix ("XX_" - where X is a number).

3. Semi-automatic creation of programs with timing.

For example. We create a folder: 01_prog_yzor, remember about "prog" in a folder name, put there 10 ready-made images, check the order, enumeration and files names, turn on the prop with this folder... all 10 modes will be switching automatically with a 6-second interval, to change the timing and intervals open the folder and find an automatically created file "program.txt". And change it as you wish.

! The automatically created 6-second interval can be changed to any other by opening System folder and editing Config file, the value in a line DefaultDisplayTime=6.0 the value can be from 0.1 to 99.9 sec.

1. The format of "program.txt" file in a folder with a show program.

An example of the " program.txt " contents:

```
01_sun - 00:00:00 (1.0)
02_flash - 00:02:00 (9.9)
03_smile - 00:03:00
Finish - 00:04:00
```

```
Repeat after finish - yes
```

- At the beginning of the line, there is a file (image) name and its timing after a hyphen in a format min:sec:hundredths of a second
- If you need to set an exact playback speed for an image, then you can enter it in parentheses after space, it can be from 0.2ms to 9.9ms, which corresponds to 5000 rows in a second and 101 rows in a second.
- The next picture, then on the next line there is a finish time.
- At the end - switching off or a show program repeat.

Important!

1. Time in show programs is set relatively to zero, not to intervals between modes.

2. The first mode does not necessarily start from zero, you can start a show program, for example, from the third minute, until then the props will look turned off, there will be no indication but a show program will be running.

For example: It is necessary to playback the first mode in 20 sec., for that you need to set the time on 00 00 00 in the first mode, and in the second 00 20 00, as a result, the first mode will playback up to the second for 20 sec.

III. THE TECHNICAL PART.

1. The contents of the configuration file.

The configuration file is in directory listings in a System folder with a name config.ini
The configuration file can be edited by the opening it with a basic Windows notepad.

Contents of the file and settings description:

[System] – General settings.

DefaultDisplayTime=6.0 (The interval of changing the modes for automatically created show programs in seconds, where 6.0 - 6 seconds, the values can vary from 0.1 to 99.9 sec.)

BrightnessAttenuation=0 (Decreasing the brightness to ~30%, the values vary from 0 to 5, where 0 - maximum speed, 5 - minimal speed.)

2. Limitations and other technical information.

The maximum length of the image – 175 pixels.

The maximum number of directories in a root directory 7

The maximum length of the name of directory 30 symbols

The maximum number of images in a directory 55

The maximum length of an image file name 16 symbols

3. Troubleshooting guide.

If the prop blinks red and does not turn on.

What to do? To connect the prop with PC, to open **error.txt** in the directory listings and to look at the description of an introduced error... The description of the error is written in English, for translation you can use translate.google.com or any other online translator.

If the prop does not turn on. It is possible,

1. There are no files to display.
2. There are some unwanted files in a folder.
3. The battery is low, it must be charged.
4. There was a file system error, you need to connect to USB to reboot.

If nothing helps, there are no errors, the prop blinks red and does not turn on - format the prop by right-clicking on my computer and choosing "To format", NOT CHANGING any settings, leaving the cluster size the same 512kb or 1024kb (**the smallest of possible**)!
When formatting is finished, download the folders with modes back to the prop.

A possible case: Viruses on a PC which download some strange data to all connected USBs create strange folders and icons or folders in USB folders. The treatment: to check a PC and to get rid of all viruses firstly on the PC, then to format props memory as it is described above.

If there are problems you cannot solve, please contact our customer support by e-mail: tech@neopoi.com with a detailed description, which model of the prop you have, what and how you did, a video indication of the prop, the error.txt contents, what error you have, if there is a problem with your own modes/show programs, attach an archive with them to your letter, to help a specialist solving your problem.