

Configurator Software

User's Guide

1 Notice to the Customer

- ◇ The software is configurator software for the LA6-POE. This software cannot be used for any other purpose. In addition, not all operations and features are available.
- ◇ For details on using the model LA6-POE, download from our website and refer to the Operation Manual.
- ◇ Download the latest "EDITOR for LA series" for free by visiting our company's home page.
- ◇ About Trademarks and Registered Trademarks:
 - Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
 - Company names and product names described in this document are trademarks or registered trademarks of those respective companies.

2 Recommended Operating Environment

OS	Windows 7 (32bit / 64bit) Windows 8.1 (32bit / 64bit) Windows 10 (32bit / 64bit) Windows Server 2012 R2 (64bit) Windows Server 2016 (64bit)
CPU	Microsoft recommended system requirements or higher.
Memory	
HDD	
Other required software	.Net Framework 4.5.2 or later versions

3 Software Features

Various settings for the "LA6 - POE" can be done from the console, without using a web browser.

It can also be used by incorporating it in a batch file.

Setup Contents	Overview
Network	Type in the text file the network settings to be changed. The software reads the text file and sequentially changes the LA6 - POE settings. A maximum number of 30 settings can be written in the text file.
LED Unit	Type the desired configuration file names of the LED Unit in the text file. The software reads the text file and automatically changes the LA6 - POE settings. A maximum number of 30 settings can be written in the text file.
LAN Unit	Type the desired configuration file names of the LAN Unit in the text file. The software reads the text file and automatically changes the LA6 - POE settings. A maximum number of 30 settings can be written in the text file.
Change Takt time	The command operation can easily change the takt time without the use of the "EDITOR for LA series" software application. The takt-time display can register up to 3 patterns and the time over operation can be set.

4 File Extraction

Find an appropriate location to download and unzip the following files.
The files and folders are unzipped in the "Configurator_Software" folder.

	Files and Folders	Description
1	plaset.exe *	This program is used to change the various settings for Network, LED unit and LAN unit.
2	plaset.exe.config *	Configuration file for plaset.exe
3	plasma.exe *	This program is used to change the takt time settings.
4	plasma.exe.config *	Configuration file for plasma.exe
5	network.txt	This file is used for network configuration.
6	ledconf.txt	This file is used for the LED unit setup.
7	lanconf.txt	This file is used for the LAN unit setup.
8	Software Licensing Agreement (JPN).txt	Software Licensing Agreement (Japanese)
9	Software Licensing Agreement (ENG).txt	Software Licensing Agreement (English)
10	LEDCONF *	The LED unit configuration data storage folder.
11	LANCONF *	The LAN unit configuration data storage folder.

***Do not change folder names or file names that are marked with an asterisks.**

5 Using the Software

Follow the procedures below to execute the software:

Use the console to locate the "Configurator_Software" folder. (Refer to 5.1)



Press "Enter" to execute the command. (Refer to 5.2, 5.3, 5.4, 5.5)

5.1 Navigating to the folder

Navigate to the "Configurator_Software" folder in the console.

Use the "cd" command to navigate to the folder.

Enter

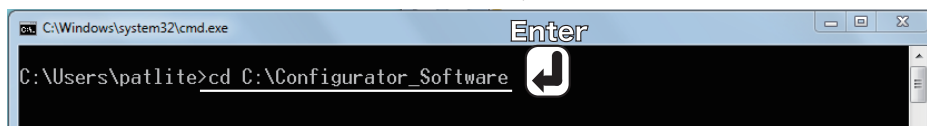
cd_(Folder navigating to)

and press the Enter key.

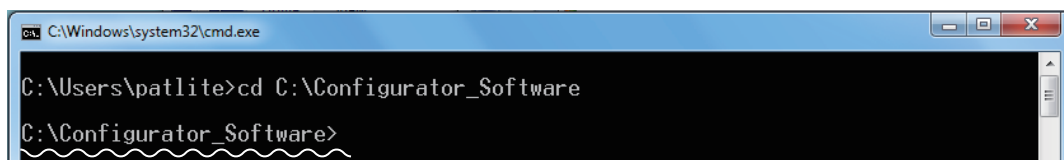
_: indicates a space.

Example) Unzipping when the root is Drive C.

Enter "cd C:\Configurator_Software" and then press the ENTER key.



This will navigate to the "Configurator_Software" folder.

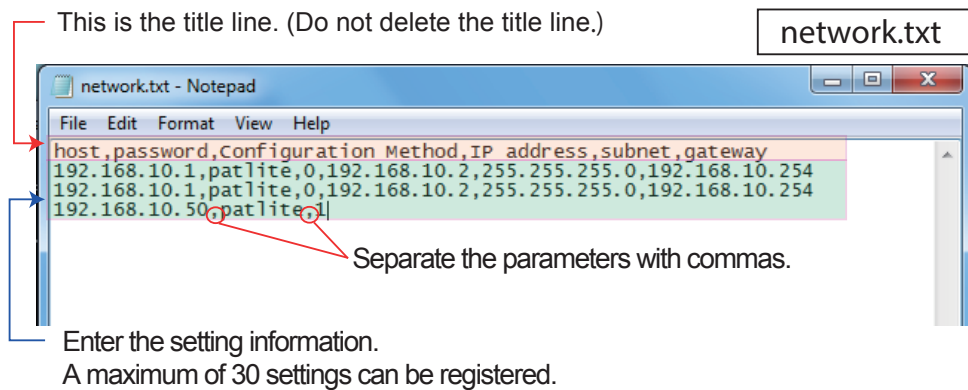


The following table shows reference to the process to change parameters.

◇ Set up the LA6-POE network.	Refer to "5.2. Set up the LA6-POE network".
◇ Set up the LED Unit colors and combinations	Refer to "5.3. Set up the LED unit colors and combinations".
◇ Set up the LAN Unit.	Refer to "5.4. Set up the LAN unit".
◇ Change takt time.	Refer to "5.5. Change takt time".

5.2 Set up the LA6-POE Network.

Step 1 Add new network settings to the network.txt file in the "Configurator_Software" folder.



Parameter Name	Contents	Input Parameter
host	Register the IP address for the LA6-POE to be change.	IP Address Format
password	Register the Login password for the LA6-POE.	Up to 16 single-byte alphanumeric characters.
Configuration Method	Register the network configuration method.	0 : Manually 1 : Automatically
IP address	Register the New IP address for the LA6-POE.	IP Address Format
subnet	Register the New subnet mask.	IP Address Format
gateway	Register the New default gateway address.	IP Address Format

MEMO

- When changing the settings to "Automatically", the IP address, Subnet mask and Default Gateway settings are unnecessary.
- Do not include spaces.
- Do not include lines containing only line breaks.
- Be sure to save the network.txt file using the UTF-8 character encoding.

Step 2 Connect to the targeted LA6-POE to be changed.

Caution

- Do not connect the LA6-POE with the same IP address onto the same network HUB.

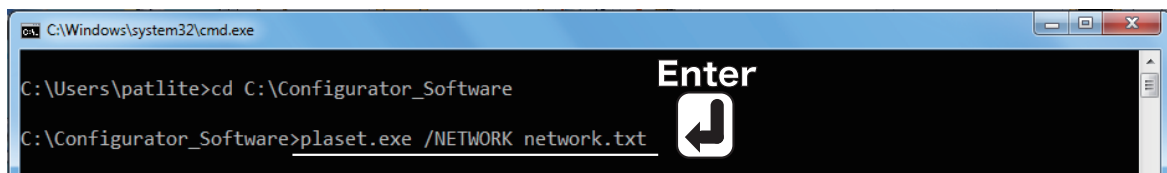
Step 3 Execute a command:

Format : `plaset.exe /NETWORK network.txt`

Execute the command after navigating to the unzipped "Configurator_Software" folder.

Type "plaset.exe / NETWORK network.txt" in the console and press the Enter key.

Use the network.txt file to change the network settings of the targeted LA6-POE.



When it is a successful set up, "Success" is displayed.

```
C:\Configurator_Software>plaset.exe /NETWORK network.txt
[No.1 192.168.10.1] Trying to change the settings... Success.
```

If the set up is a failure, an error message is displayed.

When multiple settings are registered in the network.txt file, the message "Press the ENTER key to continue ..." will be displayed.

```
C:\Configurator_Software>plaset.exe /NETWORK network.txt
[No.1 192.168.10.1] Trying to change the settings... Success.
Press the ENTER key to continue...
```

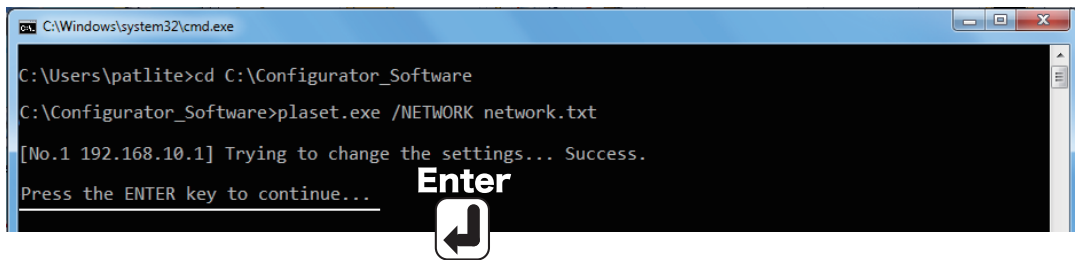
To continue with network settings, press the Enter key.

When setting the LA6-POE with the same IP address, be sure to replace the LAN cable and press the Enter key.

MEMO

- Press the Enter key after the LA6-POE is ready to communicate with the network.

Continue to change more of the target LA6-POE settings.



```
C:\Windows\system32\cmd.exe
C:\Users\patlite>cd C:\Configurator_Software
C:\Configurator_Software>plaset.exe /NETWORK network.txt
[No.1 192.168.10.1] Trying to change the settings... Success.
Press the ENTER key to continue...
```

MEMO

- To stop the process, press Ctrl-c.

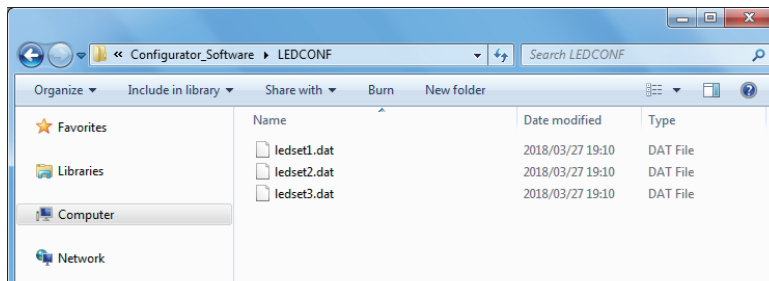
5.3 Set up the LED Unit colors and combinations.

Step 1 Create the configuration file for the LED Unit.

Creation of the LED Unit configuration data can be done through the following methods:

- Reading an LED Unit configuration file from the LA6-POE.
- Using the "EDITOR for LA series" to create the LED Unit colors and combinations setting data for the LED Units.

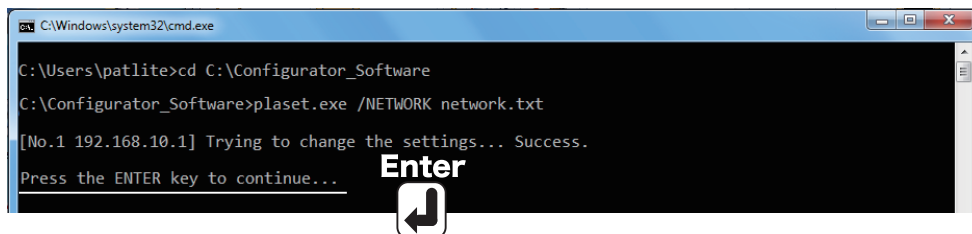
Step 2 Store the configuration file in the LEDCONF which is in the "Configurator_Software" folder.



MEMO

- To use more than one configuration file, change the configuration file names.
- Only single-byte alphanumeric characters can be used for the filenames. Up to 50 characters including filename extensions.
- Do not change the extension of the configuration file from ".dat".

Step 3 Write the changes in the ledconf.txt file in the "Configurator_Software" folder.



```
C:\Windows\system32\cmd.exe
C:\Users\patlite>cd C:\Configurator_Software
C:\Configurator_Software>plaset.exe /NETWORK network.txt
[No.1 192.168.10.1] Trying to change the settings... Success.
Press the ENTER key to continue...
```

Parameter Name	Contents	Input Parameter
host	Register the IP address for the LA6-POE to be changed.	IP Address Format
password	Register the Login password for the LA6-POE.	Up to 16 single-byte alphanumeric characters
data_file	Register the configuration filenames to be changed.	The configuration filename in the LEDCONF folder.

Caution • Be sure to save the ledconf.txt file using the UTF-8 character encoding.

Step 4 Connect to the targeted LA6-POE to be changed.

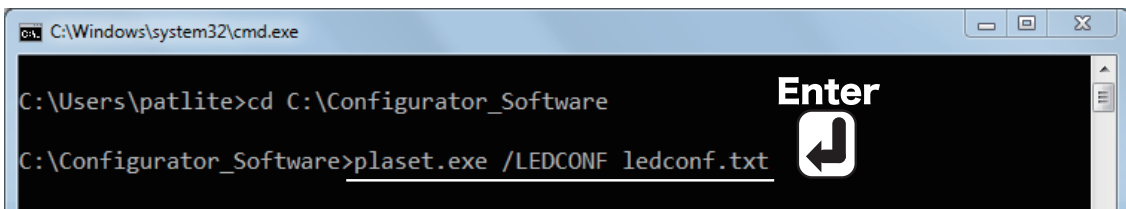
Caution • Do not connect the LA6-POE with the same IP address onto the same network HUB.

Step 5 Execute a command:

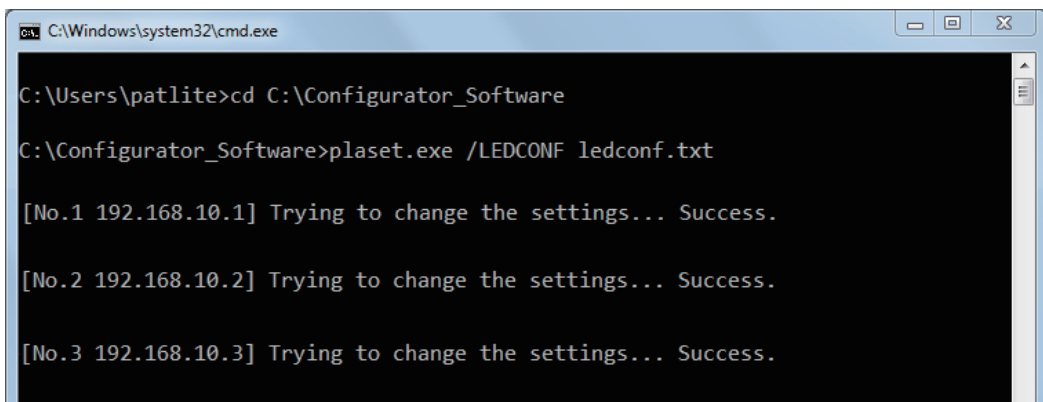
```
Format : plaset.exe /LEDCONF ledconf.txt
```

***Execute the command after navigating to the unzipped "Configurator_Software" folder.**

Type [plaset.exe /LEDCONF ledconf.txt] in the console and press the Enter key.



Use the ledconf.txt file to automatically change the LED Unit settings of the target LA6-POE.



When it is a successful set up, "Success" is displayed.

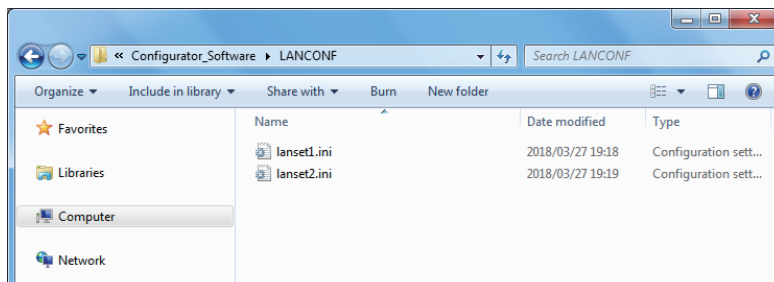
If the set up is a failure, an error message is displayed.

5.4 Set up the LAN unit.

Step 1 Create a configuration file for the LAN Unit.

Create a configuration file by reading a LAN Unit configuration file from an LA6-POE.

Step 2 Store the configuration file in the LEDCONF which is in the "Configurator_Software" folder.



MEMO

- To use more than one configuration file, change the configuration file names.
- Only single-byte alphanumeric characters can be used for the filenames. Up to 50 characters including filename extensions.
- Do not change the extension of the configuration file from ".ini".

Step 3 Write the file to be changed to lanconf.txt in the "Configurator_Software" folder.

This is the title line. (Do not delete the title line.)

lanconf.txt

Enter the setting information.
A maximum of 30 settings can be registered.

Parameter Name	Contents	Input Parameter
host	Register the IP address of the LA6-POE to be changed.	IP Address Format
password	Register the Login password for the LA6-POE.	Up to 16 single-byte alphanumeric characters
data_file	Register the configuration filenames to change.	The configuration filename in the LANCONF folder.

Caution

- Be sure to save the lanconf.txt file using the UTF-8 character encoding.

Step 4 Connect to the LA6-POE to be changed.

Caution

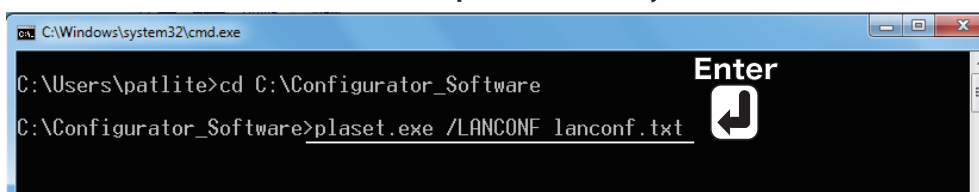
- Do not connect the LA6-POE with the same IP address onto the same network HUB.

Step 5 Execute a command:

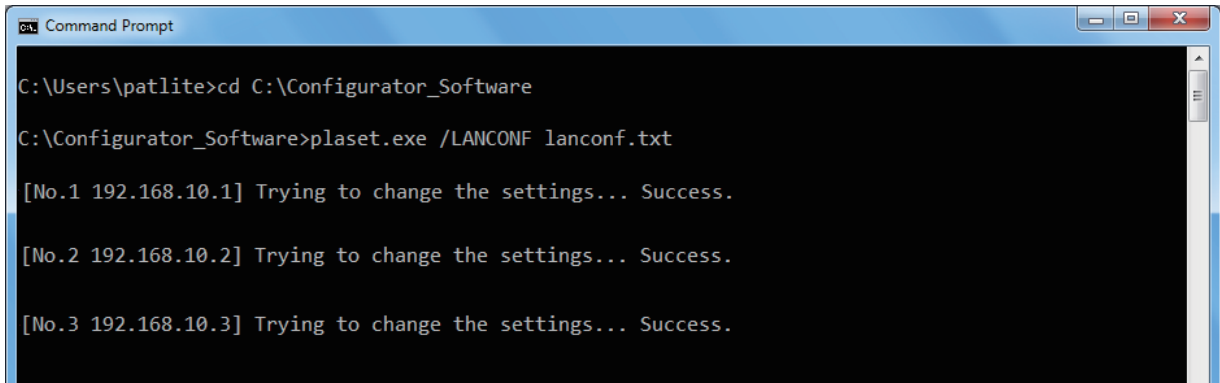
Format : `plaset.exe /LANCONF lanconf.txt`

*Execute a command after navigate to the unzipped Configurator_Software folder.

Type [`plaset.exe /LANCONF ledconf.txt`] in the console and press the Enter key.



Use the lanconf.txt file to automatically change the LAN Unit settings for the targeted LA6-POE.



When it is a successful set up, "Success" is displayed.
 If the set up is a failure, an error message is displayed.

5.5 Change takt time

MEMO

- Change the group 1 settings in "Smart Mode" when setting the takt time.
- Groups 2 through 15 settings in "Smart Mode" are not registered.
- The "Signal Tower mode" settings is set to their default values.

Step 1 Connect to the LA6-POE to be changed.

Caution

- Do not connect the LA6-POE with the same IP address onto the same network HUB.

Step 2 Execute a command:

```

Format plasma.exe IP address password color 1 time 1 direction 1 [color 2 time 2 direction 2] [color 3
time 3 direction 3] [/LAST color flashing buzzer]
    
```

*Execute a command after navigating to the unzipped "Configurator_Software" folder.

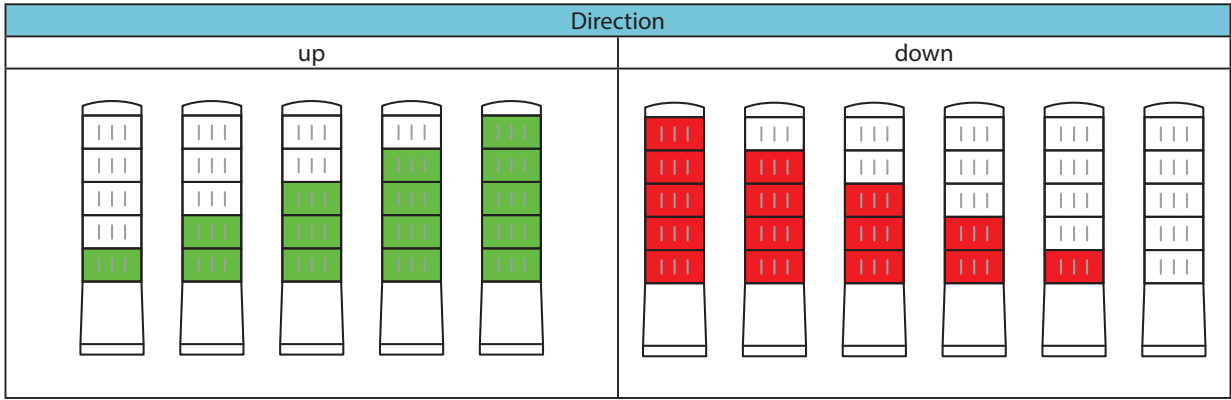
MEMO

- Separate the parameters using spaces.
- Up to 3 patterns can be registered in the takt-time display.

Parameter Name	Contents	Input Parameter
IP address	Specify the IP address of the LA6-POE to change the takt time.	IP Address Format
password	Specify the Login password for the LA6-POE.	Up to 16 single-byte alphanumeric characters
color 1 / color 2 / color 3	Specify the LED display color to be shown	Refer to the Color Table below.
time 1 / time 2 / time 3	Specify the number of seconds to change the LED display.	1-3600 sec
direction 1 / direction 2 / direction 3	Specify the display direction.	up, down (Refer to the "Direction" image below.)
/LAST	Specify the LED display status at takt time over.	-
color	Specify the LED display color at takt time over.	Refer to the Color Table below.
flashing	Specify the flashing cycle at takt time over. 0 indicates lighting.	0,30,60,120 fpm
buzzer	Set up the desired buzzer pattern. 0 indicates buzzer off.	0-11

Color Table (Specify the following character.)

red	yellow	lemon	green	skyblue	blue	purple	pink	white
-----	--------	-------	-------	---------	------	--------	------	-------



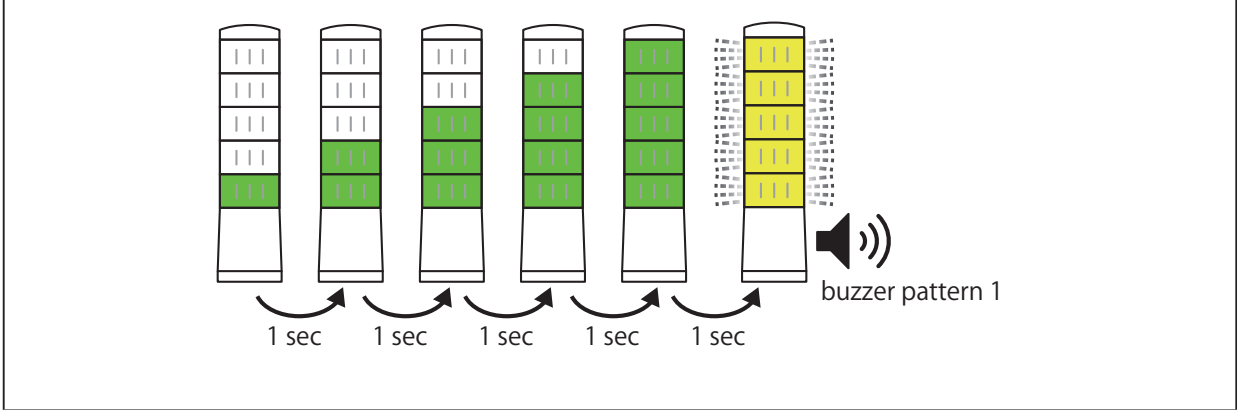
*Execute a command after navigating to the unzipped "Configurator_Software" folder.

Specify the parameter to be set and press the Enter key.

Example 1)

```
C:\Configurator_Software>plasma.exe 192.168.10.1 patlite green 1 up /LAST yellow 30 1
```

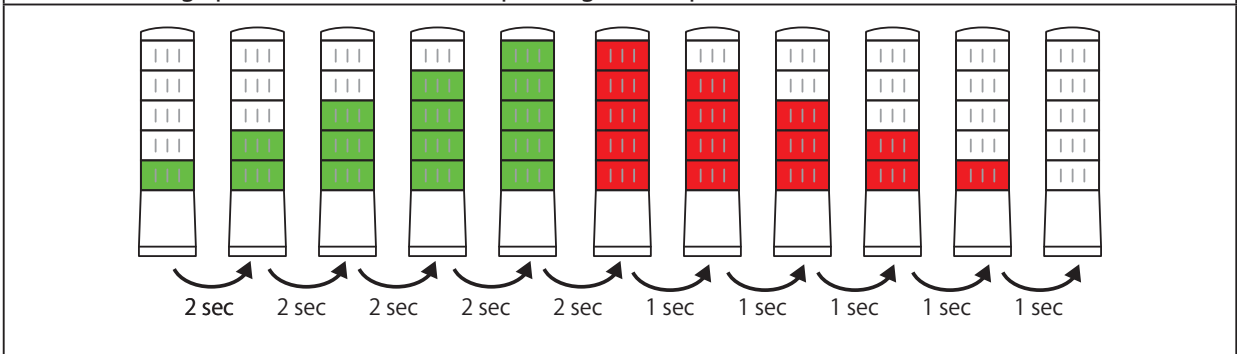
When executing [plasma.exe 192.168.10.1 patlite green 1 up /LAST yellow 30 1]



Example 2)

```
C:\Configurator_Software>plasma.exe 192.168.10.1 patlite green 2 up red 1 down
```

When executing [plasma.exe 192.168.10.1 patlite green 2 up red 1 down]



Messages	Description
Already Running.	This software is already running. Multiple programs cannot execute at the same time. Wait for awhile and try again.
File not found.	The specified directory or file does not exist. Store the file or folder in the specified place.
Invalid file encoding.	The encoding of the file is different. Encoding with UTF - 8.
Content is incorrect.	The contents written in the file is incorrect. Write the correct contents.
Connection failed.	Could not connect with LA 6-POE. Check the IP address of the PC and the IP address written in the file.
Login failed.	Failed to login to LA 6 - POE. Make sure to write Password properly. Please log out If logged in with a different PC.
Settings failed.	Could not change the settings. Please check that the setting file is correct.
Wrong number of arguments.	The number of parameters is invalid. Please set the correct parameters.
Invalid argument.	The value of parameters is invalid. Please set the correct parameters.
Invalid file name.	The setting file name written in the file is incorrect. Write the correct setting file name.

PATLITE Corporation G2J

PATLITE Corporation ※Head office	■ www.patlite.com/
PATLITE (U.S.A.) Corporation	■ www.patlite.com/
PATLITE Europe GmbH ※Germany	■ www.patlite.eu/
PATLITE (SINGAPORE) PTE LTD	■ www.patlite-ap.com/
PATLITE (CHINA) Corporation	■ www.patlite.cn/
PATLITE KOREA CO., LTD.	■ www.patlite.co.kr/
PATLITE TAIWAN CO., LTD.	■ www.patlite.tw/
PATLITE (THAILAND) CO., LTD.	■ www.patlite.co.th/
PATLITE MEXICO S.A. de C.V.	■ www.patlite.com.mx/