

DIN Rail DALI Master Controller

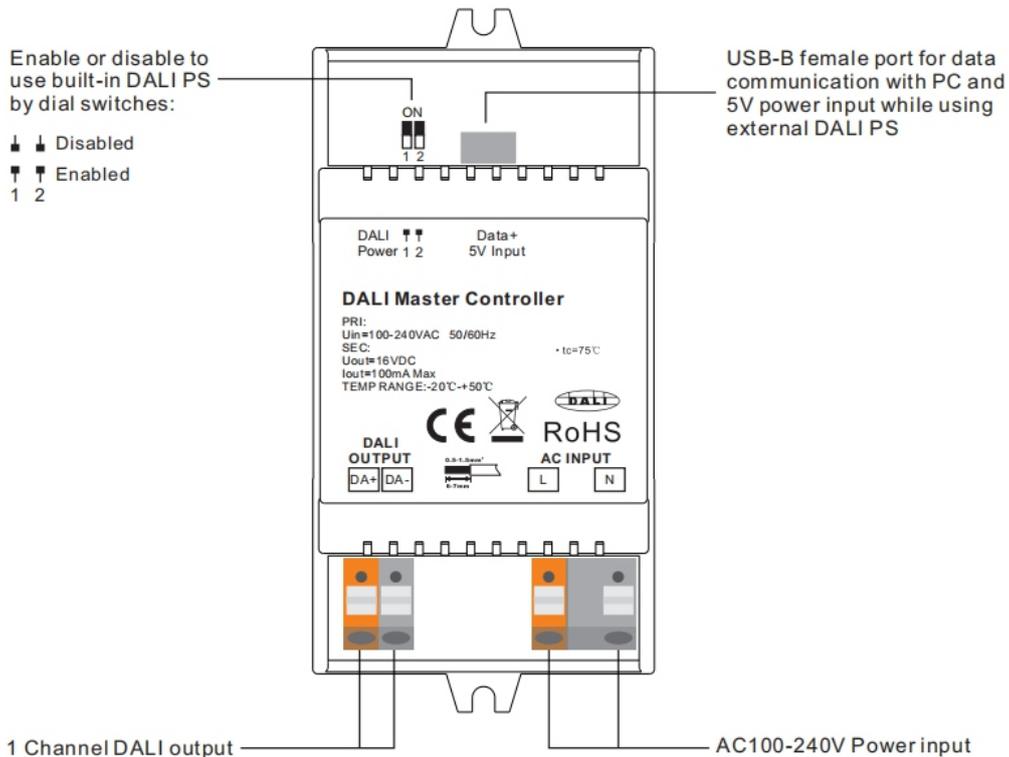
PRODUCT DESCRIPTION

- Supports DT6 & DT8 devices (Tc, XY, RGBWA) and DALI-2 input devices
- Addressing, grouping & scene configuration for up to 64 control gears
- Built-in 100mA DALI PSU, no extra wiring needed
- USB connection to Windows PC for quick configuration
- Built-in battery & RTC, supports timer, cycle & bionic (HCL) scheduling
- IP20 rated

Item Number: **CT-DL-1023**



FUNCTION INTRODUCTION



SAFETY & WARNINGS

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

WHILE BUILT-IN DALI PS ENABLED

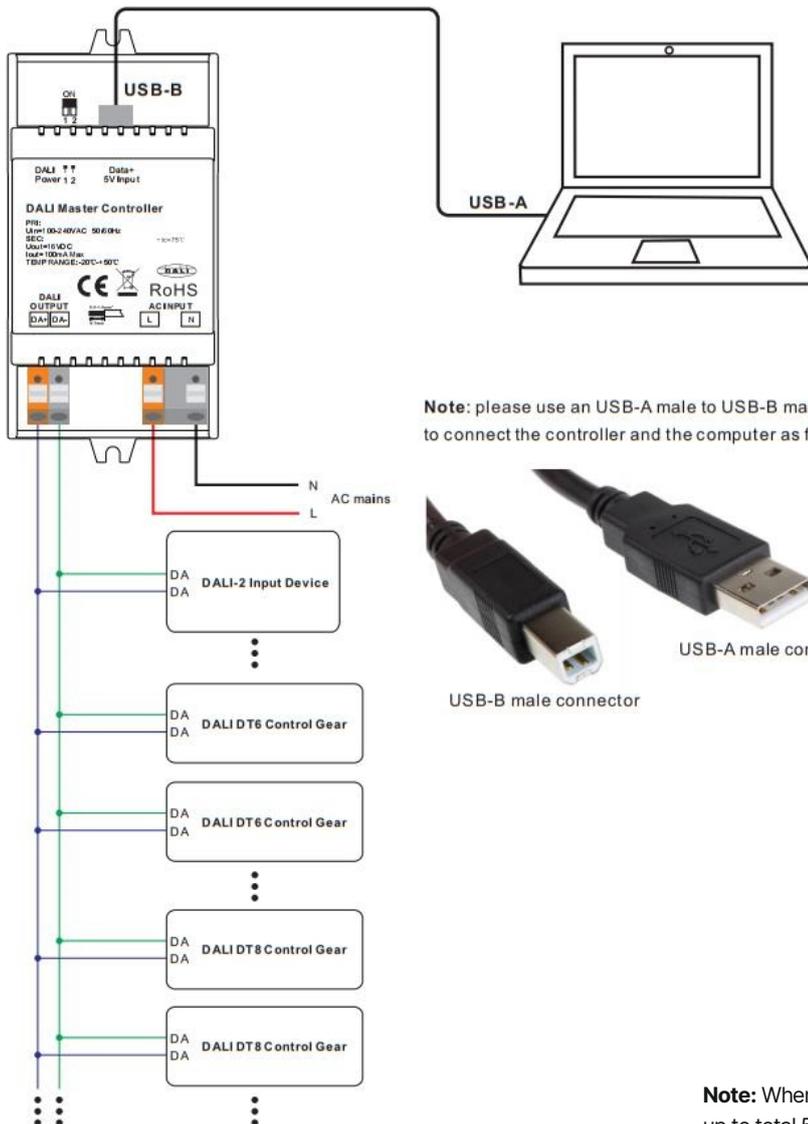
Input Voltage	100-240VAC
Frequency	50/60Hz
Number of DALI Channel	1
Output Voltage	16VDC
Output Current	100mA max
Size(LxWxH)	110x53x65mm
Ambient Temperature	-20°C ~ +50°C

WHILE BUILT-IN DALI PS ENABLED

Input Voltage	5VDC
Number of DALI Channel	1
DALI Current Consumption	4mA max
Size(LxWxH)	110x53x65mm
Ambient Temperature	-20°C ~ +50°C

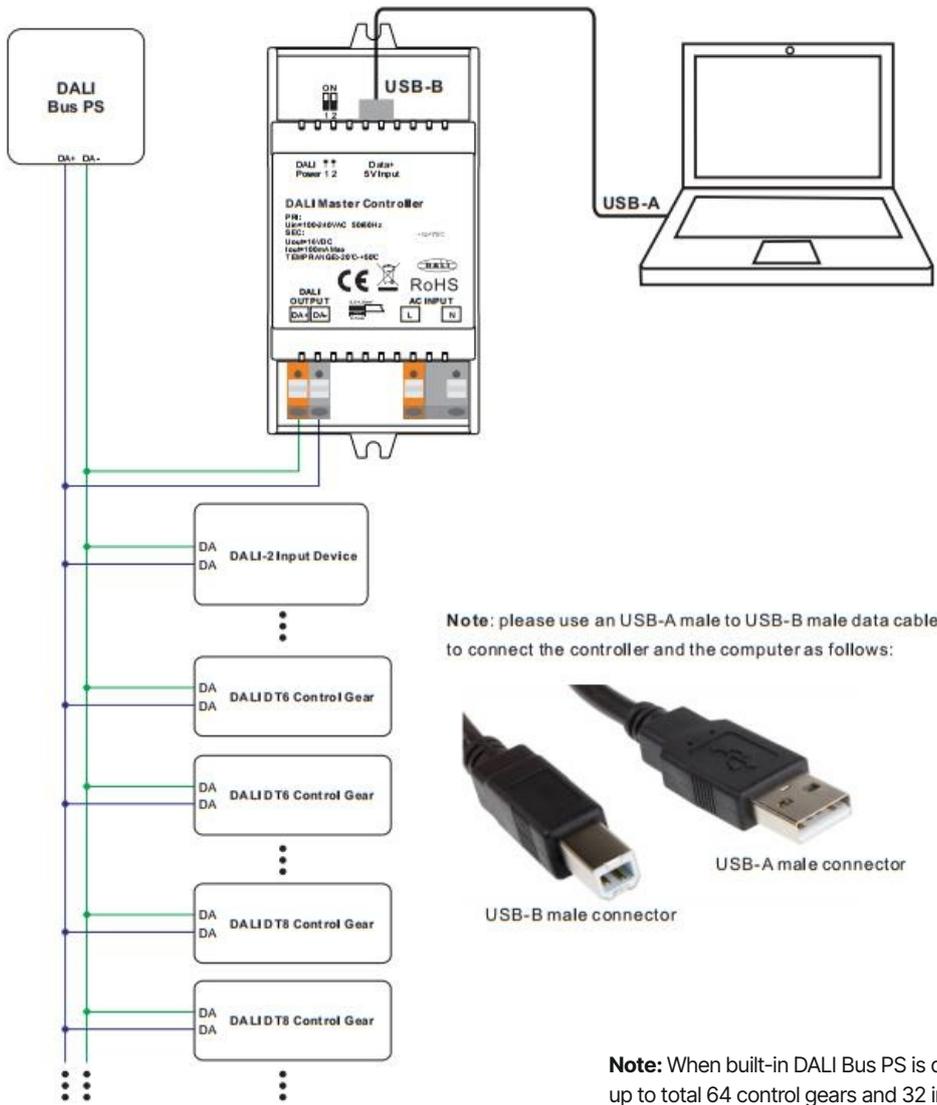
WIRING DIAGRAM

(1) While built-in DALI PS enabled



Note: When built-in DALI Bus PS is enabled, the controller can supports up to total 50 devices including control gears & input devices.

(2) While built-in DALI PS disabled



OPERATION

1) Do wiring according to the wiring diagram and power on the DALI system.

2) Install the "DALI Master" software on the operating computer:

Step 1: Run the installation file and select installation mode as shown in Figure 1.



Figure 1 Select Installation Mode

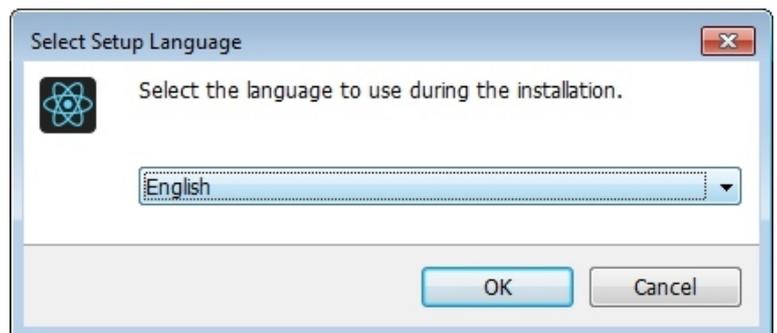


Figure 2 Select a Installation Language

Step 2: Select installation language as shown in Figure 2.

Step 3: Select installation path as shown in Figure 3.



Figure 3 Installation Path

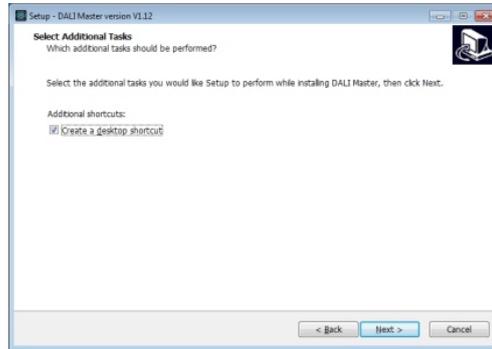


Figure 4 Create Desktop Shortcut

Step 4: Create desktop shortcut as shown in Figure 4.

Step 5: Starting installation as shown in Figure 5.

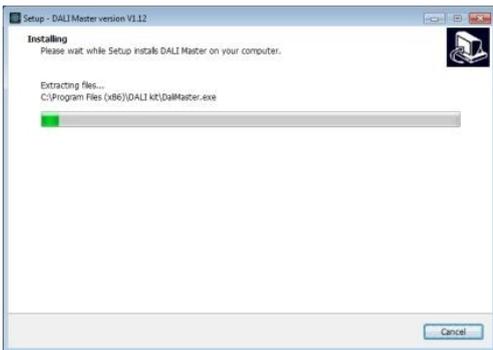


Figure 5 Starting Installation



Figure 6 Complete Installation

Step 6: Complete installation as shown in Figure 6.

3) JRE Environment Variables Configuration

Step 1: right click the computer icon on the desktop, select "Properties", then "Advanced system settings" to open the system properties setting window as shown in Figure 7:

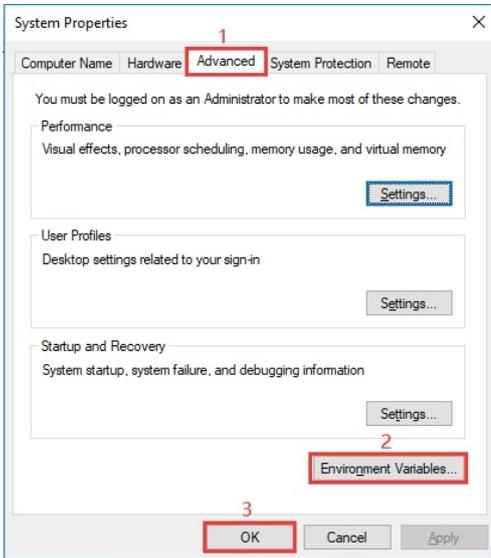


Figure 7 System Properties Window

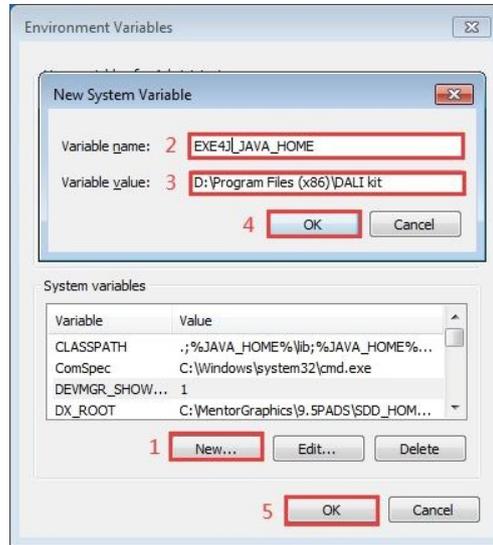


Figure 8 Environment Variables Setting Window

Step 2: switch to "Advanced" tab, then click button "Environment Variables" to open the environment variables setting window as shown in Figure 8:

Step 3: Click "New" button, the parameter setting window will pop-up, Variable name must be set as "EXE4J_JAVA_HOME", Variable value should be set as the installation path of the software (the parameter in Figure 8 is just for your reference), then click "OK" one by one to go back to the window in Figure 7, then click "OK" to save the environment variables setting.

Step 4: Re-start the computer to apply the environment variables configuration.

Notes

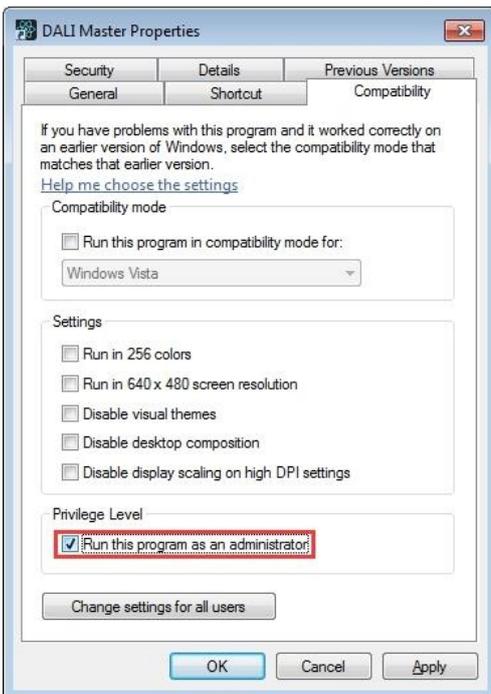


Figure 9. Run this program as an administrator

1) Please install the software according the installation steps, otherwise it can not be started correctly.

2) This software is installed to disk C by default, if the installation path is not modified, please run the software as administrator, detailed method is as follows:

Step 1: Right click the desktop icon to check the properties, switch to "Compatibility" tab, and check item "Run this program as an administrator" as shown in Figure 9.

Step 2: Click "OK" to complete the setting as shown in Figure 9.

3) If you need to re-install the software, if you need to change the installation path please first uninstall previous installation, otherwise just install to cover the previous installation.

4) INSTALL CH340 DRIVER

Step 1: Connect the USB communication port wire, double click the file "CH341SER.EXE" to install, as shown in Figure 10.

名称	修改日期	类型	大小
CH341SER.EXE	2019/10/23 10:46	应用程序	277 KB
Readme.txt	2020/1/9 16:58	文本文档	1 KB

Figure 10. Double Click "CH341SER.EXE"

Step 2: If there is an indication that installation failed, please first uninstall the installation, then install again.

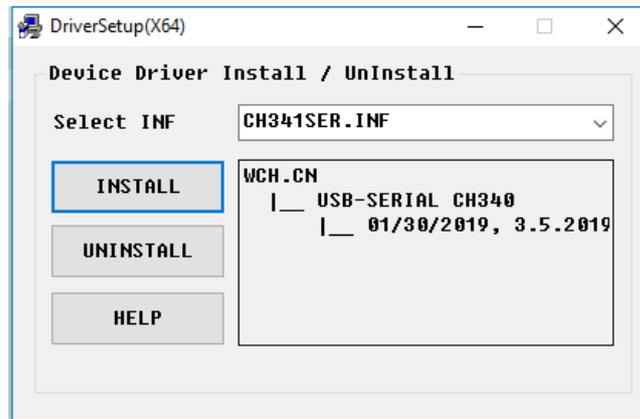


Figure 11 Driver Installation

Step 3: Right click "This PC", then click "Management", then click "Device Manager", then you can check whether the installation is successful or not as shown in Figure 12.

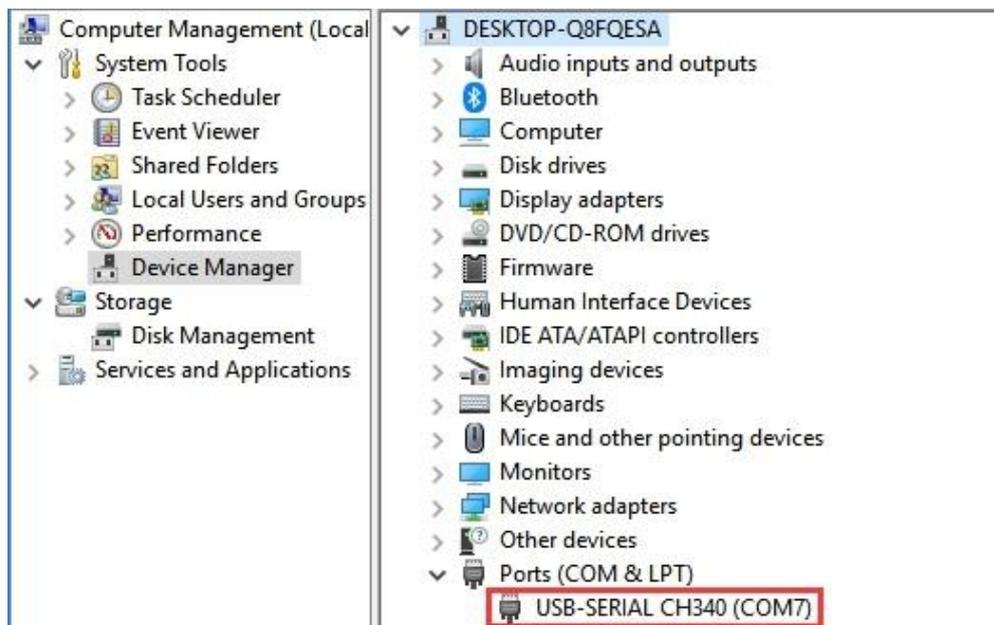


Figure 12 Driver Installation Successful

5) Follow the instruction of the PC configuration software to configure the master controller and control gears, for detailed operation please refer to the user manual of the PC software.

OPERATION

