

DP-TW01

Two Line System Control Master

【User Manual】



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Chapter 1 Introduction

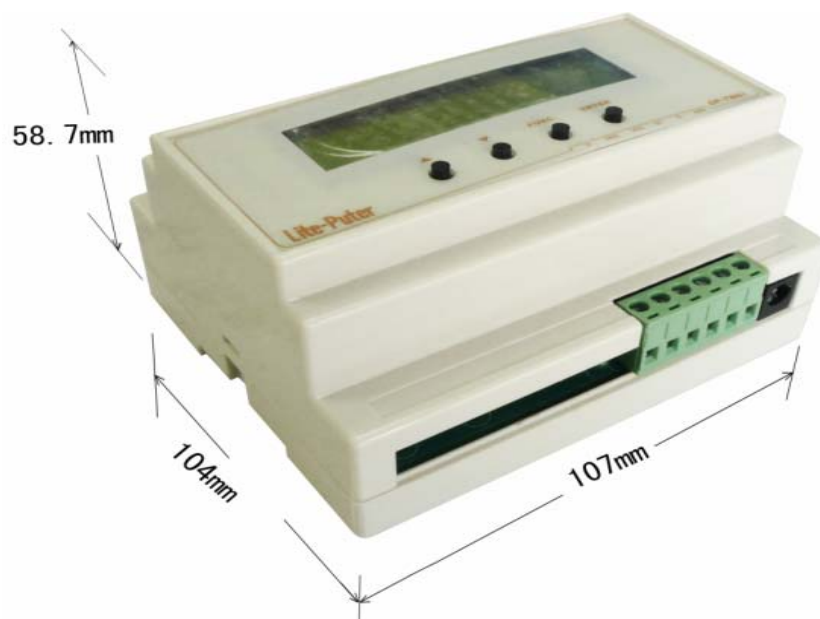
1-1 Feature

- Two line system control master, supply power to the slave devices by the bus and manage the signal communication between them.
- Transform the signal communication between two line system and EDX system.
- Set up two line system with the slave devices to save wiring work.
- Connectable to 64 slave devices at most.
- Remind signal communication breakdown and ID conflict. Overload protection function.
- Read slave device's ID.

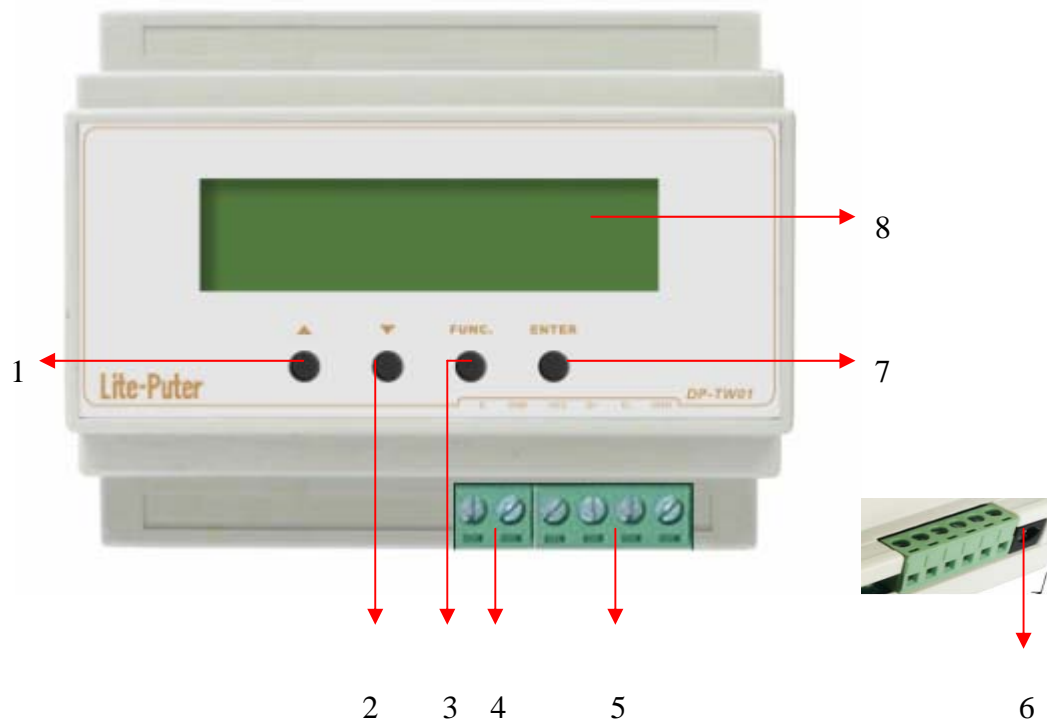
1-2 Specification

- Power Supply : DC 24V 3A (Slave device is DC 24V , static state :20mA)
- Protocol: two line system , EDX
- Signal Connector : 2 pin green terminal , 4 pin green terminal
- Dimension: 107 (W) x58.7 (H) x104(D) mm
- Weight : 200g

1-3 Dimension

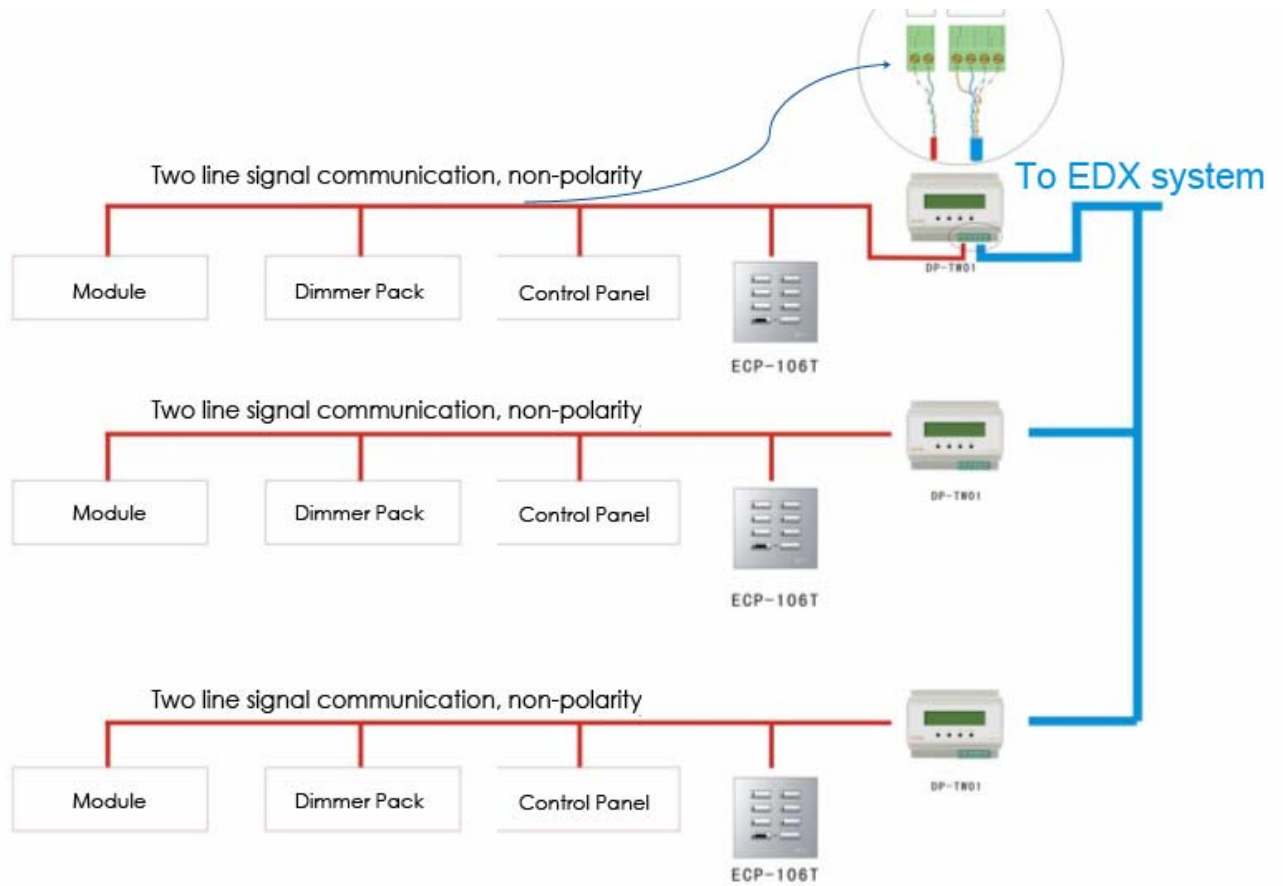


1-4 Function



1	▲ Up key	5	EDX 4 pin green terminal
2	▼ Down key	6	Power input
3	Function key , enter each function/exit without saving	7	Enter key
4	Two line system 2 pin green terminal	8	LCD display

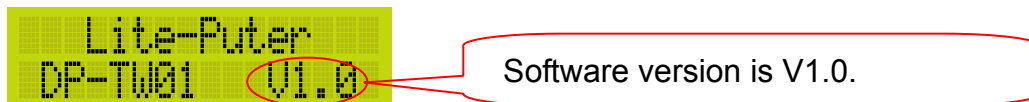
1-5 System Diagram



Chapter 2 Operation

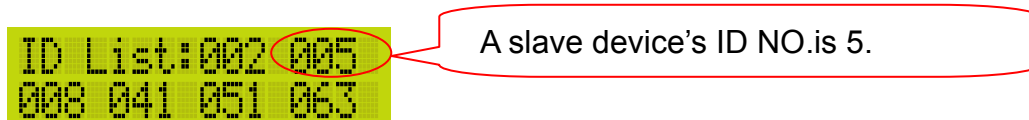
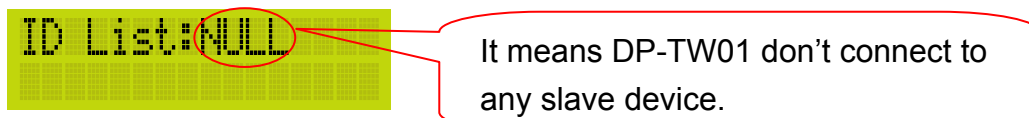
2-1 Check Software Version

After switching on the device, LCD will display the software version.



2-2 Check ID NO.

After displaying the software version, LCD will display the ID list.



It means that there are 6 slave devices were connected to DP-TW01 and their ID NO. are 2, 5, 8, 41, 51 and 63 separately.

Notice:

1、 DP-TW01 can connect up to 64 slave devices and all of them must have a different ID NO..

For example,

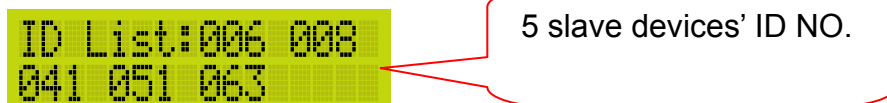
A slave device's ID NO.is 63, but another slave device's ID NO.is 63 too in the system, the ID NO. on the LCD will blink to remind the ID conflict.



2、 ID list can't display the slave device ID NO. named as 0.

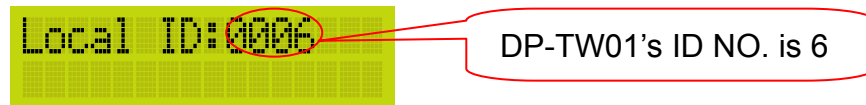
For example,

There are 6 slave devices were connected to DP-TW01, but a slave device's ID NO. is 0,so the ID list only displays 5 ID NO..

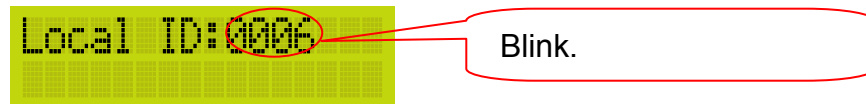


2-3 ID NO. Setting

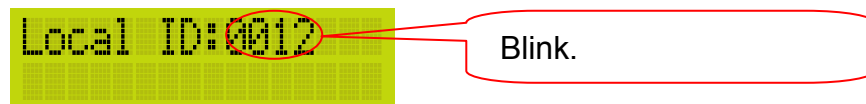
STEP-1 Press **【FUNC】** to enter the function.



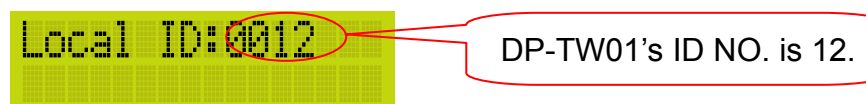
STEP-2 Press **【ENTER】** to enter the setting.



STEP-3 Press **【▲】** or **【▼】** to adjust ID NO. from 1 to 1000.
For example, set the ID NO. as 12,



STEP-4 Press **【ENTER】** to save the setting.



2-4 Remind Signal Communication Breakdown

If the signal communication breakdown happens, LCD will display,



Guarantee

Lite-Puter promises to fulfill the following acceptances:

1. Lite-Puter is only responsible for DP-TW01 itself.
2. Lite-Puter guarantees to keep Lite-Puter's fault products caused by techniques, materials and any other logical reasons in good repair for free within a year since the distributing date.
3. We do not offer door-visiting service. If the trouble appears in Lite-Puter's products, please deliver the equipment to local distributors or Taipei headquarter.

***** Special Statement*****

Any fault caused by false usage, imprudence (collision or inadequate installation) or force majeure factors are not in Lite-Puter's service.

Revision Record

Version	Record
A	First version

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