



2017-2018


Product Catalogue

Intelligent Lighting Control System





Lite-Puter, established in 1978 in Taiwan, is a leading designer and manufacturer of professional lighting control system. Lite-Puter architectural and entertainment lighting control system have occupied a considerable share in the world market. Now Lite-Puter has 35 exclusive agents and 80 distributors spreading over 64 countries. Our customers can get the latest news and fast after-sales service easily from our worldwide network. We constantly launches new products and pioneers in the lighting control market. Lite-Puter also won many prizes, including Rising Star Award, Taiwan Symbol of Excellence, PLASA Award for Product Excellence, Innovation Research Award and Good Design Award. Lite-Puter's objective is to offer the "total solution" for lighting.



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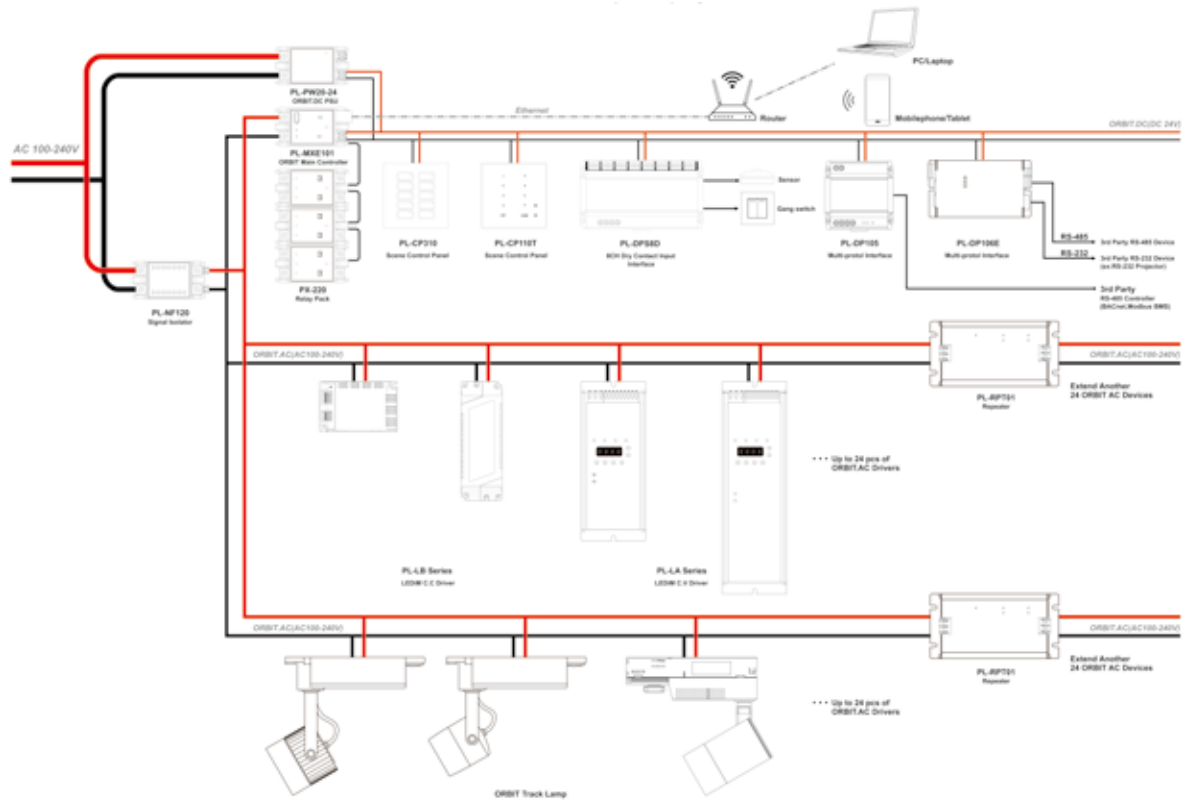
ORBIT (PLC)

Lighting Control System





ORBIT(PLC) Wiring Diagram



Advantage of ORBIT(PLC) Lighting Control System

- With 16,384 steps advanced high resolution, ORBIT LED driver meets the standard of professional dimming curve. It remains non-flickering when only in 1% of dimming output.
- Up to 96 addressable loads can be on one power line, therefore, both broadcast and individual dimming are doable.
- One single set of power line (L, N+E) is capable of multi-channels, so you can reduce costs on wiring and piping for at least 75%.
- Up to 1000 meters communication distance. (ORBIT.AC)
- With the bidirectional communication, central controller monitoring is available.
- Since there is no signal line required, it prevents from mis-wiring.

ORBIT(PLC) LED Drivers

Odyssey Series



- Can save 10 scenes, fade time and zone (1-15).
- Can set start address (1-63).
- Programmable by ORBIT COMMANDER.

Specifications

Power input: AC 100-240V (ORBIT.AC)
 Connection: ORBIT.AC
 Protocol: ORBIT
 Dimension: 102x67x30(mm)
 Weight: 200g

Constant voltage

PL-LA ■X ■- ■-ODY

■ Channel ■ Voltage ■ Watt

Order codes	Descriptions
PL-LA1X12-25-ODY	1CH 12V 25W Constant voltage
PL-LA1X36-25-ODY	1CH 36V 25W Constant voltage

* Wide variety of Odyssey to choose from, please refer to the above description for the order codes .

Constant current

Order codes	Descriptions
PL-LB1X48-25-ODY	1CH 48V 25W Constant current

Mars Series



- Can save 10 scenes, fade time and zone (1-15).
- Can set start address (1-63).
- Programmable by ORBIT COMMANDER.

Specifications

Power input: AC 100-240V (ORBIT.AC)
 Connection: ORBIT.AC
 Protocol: ORBIT
 Dimension: 148x78x45(mm)
 Weight: 300g

Constant voltage

PL-LA ■X ■- ■-MAR

■ Channel ■ Voltage ■ Watt

Order codes	Descriptions
PL-LA1X12-36-MAR	1CH 12V 36W Constant voltage
PL-LA4X24-36-MAR	4CH 24V 36W Constant voltage

Constant current

PL-LB ■X ■- ■-MAR

■ Channel ■ Voltage ■ mA

Order codes	Descriptions
PL-LB1X24-350-MAR	1CH 24V 350mA Constant current
PL-LB1X48-900-MAR	1CH 48V 900mA Constant current

* Wide variety of Mars to choose from, please refer to the above description for the order codes .

ORBIT(PLC) LED Drivers

Ceres Series



- Can save 10 scenes, fade time and zone (1-15).
- Can set start address (1-63).
- Constant voltage dimmable output.
- Programmable by ORBIT COMMANDER.

Specifications

Power input: AC 100-240V (ORBIT.AC)
 Connection: ORBIT.AC
 Protocol: ORBIT
 Signal connector: Screwless terminal

Constant voltage

PL-LA ■X ■- ■-CER

■ Channel ■ Voltage ■ Watt

Order codes	Descriptions
PL-LA1X12-120-CER	1CH 12V 120W Constant voltage
PL-LA1X24-240-CER	1CH 24V 240W Constant voltage

* **Wide variety of Nox to choose from, please refer to the above description for the order codes .**

Nox Series



- Can save 10 scenes, fade time and zone (1-15).
- Can set start address (1-63).
- Constant voltage dimmable output.
- Programmable by ORBIT COMMANDER.

Specifications

Power input: AC 110/220V (ORBIT.AC)
 Connection: ORBIT.AC
 Protocol: ORBIT
 Signal connector: Barrier terminal blocks

Constant voltage

PL-LA ■X ■- ■-NOX

■ Channel ■ Voltage ■ Watt

Order codes	Descriptions
PL-LA4X12-125-NOX	4CH 12V 125W Constant voltage
PL-LA4X24-350-NOX	4CH 24V 350W Constant voltage

* **Wide variety of Nox to choose from, please refer to the above description for the order codes .**

Pontus Series



- Can save 10 scenes, fade time and zone (1-15).
- Can set start address (1-63).
- Constant voltage dimmable output.
- Programmable by ORBIT COMMANDER.

Specifications

Power input: AC 100-240V (ORBIT.AC)
 Connection: ORBIT.AC Protocol: ORBIT
 Signal connector: Barrier terminal blocks
 Dimension: 190x65x85(mm) Weight: 600g

Constant voltage

PL-LA ■X ■- ■-UII-PON

■ Channel ■ Voltage ■ Watt

Order codes	Descriptions
PL-LA1X24-60UII-PON	1CH 24V 60W Constant voltage
PL-LA4X12-60UII-PON	4CH 12V 60W Constant voltage

* **Wide variety of Pontus to choose from, please refer to the above description for the order codes .**

Minerva series

- Can save 10 scenes, fade time and zone (1-15).
- Suitable for 2-wire track.
- Can set start address (1-63).
- Programmable by ORBIT COMMANDER.



Specifications

Power input: AC 100-240V (ORBIT.AC)
 Connection: ORBIT.AC
 Protocol: ORBIT

Order codes	Descriptions
PL-LLA1X12-12-MIN	1CH 12V 1A Constant voltage
PL-LLB1X48-350-MIN	1CH 48V 350mA Constant current

PL-LB1X60-45-TER: 1CH 60V 45W C.C. LED Dimmer

- Can save 10 scenes, fade time and zone (1-15).
- Constant current dimmable output.
- Can set start address (1-63).
- Programmable by ORBIT COMMANDER.



Specifications

Power input: AC 100-240V (ORBIT.AC)
 Connection: ORBIT.AC
 Protocol: ORBIT
 Dimension: 240x45x35(mm)
 Weight: 500g

LEP-1X48-ADJ: 1CH Constant Current LED Dimmer

- Convert constant voltage dimming output to constant current dimming output.
- Can set current: 350mA or 450mA or 500mA or 700mA via DIP switch. (The default value is 350mA).



Specifications

Power input: DC 12-50V
 Dimension: 74(W) x 40(H) x 23(D)mm
 Weight: 50g

PL-LD101: ORBIT(PLC) 0-10V Interface

- Can set start address (1-63).
- Can save 10 scenes, fade time and zone (1-15).
- 1 channel output, one on/off switch and one DC 0-10V are included .
- Programmable by ORBIT COMMANDER.



Specifications

Power input: AC 100-240V
 Connection: ORBIT.AC
 Protocol: ORBIT
 Capacity: 5A
 Dimension: 170(W) x 41(H) x 28(D)mm
 Weight: 210g

ORBIT(PLC) Switch Pack and Dimmer

PX-220-2/ PX-220-4: 2/4CH ORBIT(PLC) Relay Module

- Equipped with latching relay.
- Central monitoring.
- Current detection.
- Modular design for easy maintenance and software upgrade.

Specifications

AC input: 100-240V
 Connection: RS-485 through PL-MXE101
 Protocol: RS-485
 Digital signal connector: 4-pin terminal

Dimension:

PX-220-2: 50(W) * 95(H) * 65(D) mm
 PX-220-4: 100(W)* 95(H)* 65(D) mm
 Weight:
 PX-220-2: 330g
 PX-220-4: 570g



PL-DX1210W: 12CH ORBIT(PLC) Wall-Mounted Modular Dimmer pack

PL-DX620W: 6 CH ORBIT(PLC) Wall-Mounted Modular Dimmer Pack

- Built-in current detection and overload protection.
- Remote monitoring and editing.
- Can set all channels ON or all channels OFF or maintain the former status after the reboot.
- Can set channel minimum output (0-30%) and maximum output (50-100%).
- Modular design for easy maintenance.
- Each channel can be set as dimming /switch mode.
- Can save 32 scenes, each scene can set fade time and zone.

Specifications

Power input: AC 100-240V
 Connection: ORBIT.DC
 Protocol: ORBIT

Capacity:

PL-DX620W: 20A per channel
 PL-DX1210W: 10A per channel
 Dimension: 603(W) x 390(H) x 190(D)mm
 Weight: 19Kg



PL-DX1212W: 12CH ORBIT(PLC) Wall-Mounted Dimmer Pack

PL-DX912W: 9 CH ORBIT(PLC) Wall-Mounted Dimmer Pack

PL-DX612W: 6 CH ORBIT(PLC) Wall-Mounted Dimmer Pack

- Built-in current detection and overload protection.
- Remote monitoring and editing.
- Can set all channels ON or all channels OFF or maintain the former status after the reboot.
- Can set channel minimum output (0-30%) and maximum output (50-100%).
- With 2 dry contact inputs, which can set various trigger mode such as channel mode, scene mode, service mode and fire control mode.
- Each channel can be set as dimming /switch mode.
- Can save 32 scenes, each scene can set fade time and zone.

Specifications

Power input: AC 100-240V
 Connection: ORBIT.DC
 Protocol: ORBIT
 Capacity: 10A per channel

Dimension:

PL-DX612W: 310(W) x 540(H) x 110(D)mm
 PL-DX912W/ PL-DX1212W: 470(W) x 540(H) x 110(D)mm
 Weight:
 PL-DX612W: 9.2Kg
 PL-DX912W/ PL-DX1212W: 16Kg



PL-DX403TL: ORBIT(PLC) 4CH Din-Rail Trailing Edge Dimmer Pack

- Programmable by ORBIT COMMANDER.
- Remote monitoring and editing.
- Can set start address (1-255).
- Built-in current detection and overload protection.
- Can set dimming or switch mode for each channel.
- Can save 32 scenes, fade time, zone (1-9999) and scene number (0-9999).



Specifications

Power input: DC 24V(ORBIT.DC)-350mA
 Connection: ORBIT.DC
 Protocol: ORBIT
 Capacity: 4CH, 3A per channel max. Total 8A max.
 Digital signal connector: 2-pin terminal
 Dimension: 234(W) x 90(H) x 62(D)mm
 Weight: 670g

PL-DX405: ORBIT(PLC) 4CH Din-Rail Leading Edge Dimmer Pack

- Programmable by ORBIT COMMANDER.
- Remote monitoring and editing.
- Can set start address (1-255).
- Built-in current detection and overload protection.
- Can set dimming or switch mode for each channel.
- Can save 32 scenes, fade time, zone (1-9999) and scene number (0-9999).



Specifications

Power input: DC 24V(ORBIT.DC)-350mA
 Connection: ORBIT.DC
 Protocol: ORBIT
 Capacity: 4CH, 5A per channel max. Total 10A max.
 Digital signal connector: 2-pin terminal
 Dimension: 234(W) x 90(H) x 62(D)mm
 Weight: 650g

PL-DXF04: ORBIT(PLC) 4CH Din-Rail 0-10V Dimmer Pack

- Programmable by ORBIT COMMANDER.
- Remote monitoring and editing.
- 4 channels, each channel includes one AC output and one DC 0-10V.
- Can save 32 scenes, fade time, zone (1-9999) and scene number (0-9999).



Specifications

Power input: DC 24V(ORBIT.DC)-350mA
 Connection: ORBIT.DC
 Protocol: ORBIT
 Capacity: 4CH, 5A per channel max. Total 20A max.
 Digital signal connector: 2-pin terminal
 Dimension: 198(W) x 90(H) x 62(D)mm
 Weight: 648g

ORBIT(PLC) Switch Pack and Dimmer

PL-A01: ORBIT(PLC) HVAC Controller

- Programmable by ORBIT COMMANDER.
- Can save 32 scenes, each scene can set zone (1-9999) and scene number (0-9999).
- Two sets of DC 0-10V to control the external DC fan.
- Can control brushless DC motor or traditional three-speed motor.
- Remote monitoring and editing.



Specifications

Power input: DC 24V(ORBIT.DC)- static current 30mA, 90mA (max.)
Connection: ORBIT.DC
Protocol: ORBIT
Capacity: 10A
Digital signal connector: 2-pin terminal
Dimension: 144(W) x 90(H) x 62(D)mm
Weight: 450g

PL-CC02: 2CH ORBIT(PLC) Curtain Controller

- Programmable by ORBIT COMMANDER.
- Can save 32 scenes, each scene can set zone (1-9999) and scene number (0-9999).
- Two output channels for controlling motor's clockwise and counterclockwise rotation.
- Remote monitoring and editing.



Specifications

Power input: DC 24V(ORBIT.DC) -static current 25mA, 80mA (max.)
Connection: ORBIT.DC
Protocol: ORBIT
Digital signal connector: 2-pin terminal
Dimension: 144(W) x 90(H) x 62(D)mm
Weight: 440g

PL-PX420A: 4CH ORBIT(PLC) Switch Pack

- 8 channels, each channel can be set as ON/OFF individually.
- High quality and durable latching relay.
- Can save 32 scenes, fade time, zone (1-9999) and scene number (0-9999).
- Remote monitoring and editing.
- Current detection function.
- Each channel can set On/Off delay time (0.1s-10s).
- One programmable dry contact input.



Specifications

Power input: DC 24V (ORBIT.DC)- static current 100mA, 350mA (max.)
 Connection: ORBIT.DC
 Protocol: ORBIT
 Capacity: 4CH, 20A per channel, total: 80A
 Digital signal connector: 2-pin terminal
 Dimension: 198(W) x 90(H) x 62(D) mm
 Weight: 700g

PL-PX820A: 8CH ORBIT(PLC) Switch Pack

- 8 channels, each channel can be set as ON/OFF individually.
- High quality and durable latching relay.
- Can save 32 scenes, fade time, zone (1-9999) and scene number (0-9999).
- Remote monitoring and editing.
- Current detection function.
- Each channel can set On/Off delay time (0.1s-10s).
- One programmable dry contact input.



Specifications

Power input: DC 24V (ORBIT.DC)- static current 100mA, 350mA (max.)
 Connection: ORBIT.DC
 Protocol: ORBIT
 Capacity: 8CH, 20A per channel, total: 160A
 Digital signal connector: 2-pin terminal
 Dimension: 270(W) x 90(H) x 62(D) mm
 Weight: 1.1 kg

ORBIT Controller

PL-CX3: 6CH ORBIT(PLC) Console

- Can set to 6 scenes.
- LED display can show the dimming value and chaser speed.
- Chaser function includes channel chase, scene chase, speed control and flash/fader.

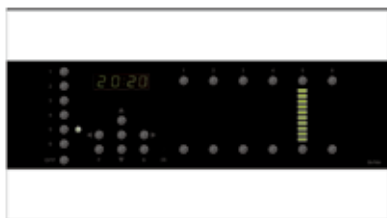


Specifications

Power input: AC 100-240V (ORBIT.AC)
Connection: ORBIT.AC
Protocol: ORBIT/ DMX-512
Signal connector: XLR 5-pin/ XLR 3-pin/ RJ-12/ 2-pin terminal
Dimension: 165(W) x 116(H) x 55(D) mm
Weight: 800g

PL-CP607: ORBIT(PLC) Lighting Controller

- Polarity insensitiveness.
- ORBIT.AC saves wiring cost and the risk of mis-wiring.
- Can set 6 scenes and fade time.
- Key lock/unlock function.
- The built-in timer of PL-CP607 can turn on/ off each lamp automatically at a present time.



Specifications

Power input: AC 100-240V (ORBIT.AC)
Connection: ORBIT.AC
Protocol: ORBIT/ DMX-512/ EDX
Capacity: 1 channel, 10A max.
Signal connector: barrier terminal blocks
Dimension: 212(W) x 118(H) x 60(D) mm
Weight: 880g

PL-CPT01: ORBIT(PLC) Programmable Touch Panel

- Scheduler can be set.
- Can be configured via PLTouch Editor.
- Can set motion launch gesture.
- Easy to configure a user-friendly interface.



Specifications

Power input: DC 24V(ORBIT.DC)
Connection: ORBIT.DC
Protocol: ORBIT
Dimension: 235(W) x 180(H) x 67(D) mm
Weight: 1.3Kg

PL-CP507D: Multi-function Touch Panel

- Can set ID address.
- Lock/ unlock function.
- Can set fan speed.
- Each button can be configured to scene, channel, dimming level adjustment or air conditioner.
- Enter low-power mode automatically.
- Can set device zone (ZONE: 1-9999) and starting CH (1-255).
- Can set ventilation, cooling and heating mode.



Specifications

Power input: DC 24V(ORBIT.DC)-240mA
Connection: ORBIT.DC
Protocol: ORBIT
Dimension: 86 (W) x 86(H) x 35(D) mm
Weight: 100g

Project : Taipei Marriott Hotel



ORBIT Controller

PL-CPI 10T: ORBIT(PLC) Glass Control Panel

- Each button is configurable by ORBIT COMMANDER.
- Key Lock /unlock function.
- IR receiver.
- Automatically adjusted backlight.

Specifications

Power input: DC 24V (ORBIT.DC)
Connection: ORBIT.DC
Protocol: ORBIT
Signal connector: 2-pin terminal
Mounting: mounts in European signal-gang box
Dimension: 86(W) x 86(H) x 21(D) mm
Weight: 100g



White



Black



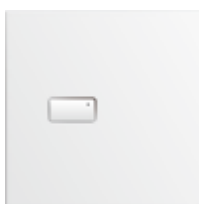
Sliver



Golden

PL-CP301 / PL-CP305 / PL-CP310: ORBIT(PLC) Control Panel

- Each button is configurable by ORBIT COMMANDER.
- Key Lock /unlock function.



PL-CP301



PL-CP305



PL-CP310

Specifications

Power input: DC 24V (ORBIT.DC)
Connection: ORBIT.DC
Protocol: ORBIT
Signal connector: 2-pin terminal
Mounting: mounts in European signal-gang box
Dimension: 86(W) x 86(H) x 34(D) mm
Weight: 104g

Project: Banyan Tree Chongqing Beibei Hotel



ORBIT Interface

PL-DPI02II: DMX to ORBIT(PLC) Interface

- Convert 24 channels of DMX-512 to ORBIT on AC.



Specifications

Power input: AC 100-240V (ORBIT.AC)
Connection: ORBIT.AC
Protocol: ORBIT/ DMX-512
Signal connector: RJ12/ XLR 5-pin
Dimension: 120(W) x 32(H) x 56(D) mm
Weight: 140g

PL-DPI05: ORBIT(PLC) to DMX-512/EDX/RS-485 Interface

- Programmable by ORBIT COMMANDER.
- Remote monitoring and editing.
- Bidirectional signal transmission (DMX-512 or EDX or RS-485 and ORBIT signal).



Specifications

Power input: DC 24V(ORBIT.DC)-30mA
Connection: ORBIT.DC
Protocol: ORBIT/ EDX/ DMX-512/ RS-485
Signal connector: 2-pin terminal
Dimension: 90(W) x 90(H) x 62(D)mm
Weight: 230g

PL-DPI06E: Multi-Protocol Converter

- Programmable by ORBIT COMMANDER.
- Remote monitoring and editing.
- Up to 100 commands can be triggered and each command can be assigned to the specific output port.
- RS-485/ RS-232 command includes 30 byte; TCP/IP command includes 40 byte.
- Can set RS-485/ RS-232, baud rate, stop bit and parity.



Specifications

Power input: ORBIT→DC24V or EDX→DC12V
Connection: ORBIT.DC
Protocol: ORBIT, EDX, RS-485, RS-232, TCP/IP
Dimension: 134(W) x 75(H) x 37(D)mm
Weight: 500g

PL-DPI2A: ORBIT(PLC) 12CH 0-10V Dimmer Pack

- Programmable by ORBIT COMMANDER.
- Can set dimming or switch mode for each channel.
- Can save 32 scenes, fade time, zone (1-9999) and scene number (0-9999).



Specifications

Power input: DC 24V(ORBIT.DC)-240mA
 Connection: ORBIT.DC
 Protocol: ORBIT
 Capacity: DC 0-10V, max: 20mA per channel
 Digital signal connector: 2-pin terminal
 Dimension: 162(W) x 90(H) x 62(D)mm
 Weight: 800g

PL-DPS4: 4CH ORBIT(PLC) Programmable Switch Module

- Each channel can set SW-NO, SW-NC and KEY mode.



Specifications

Power input: DC 24V(ORBIT.DC)
 Connection: ORBIT.DC
 Protocol: ORBIT
 Dimension: 50(W) x 40(H)mm
 Weight: 30g

PL-DPS8D: 8CH ORBIT(PLC) Programmable Switch Controller

- Programmable by ORBIT COMMANDER.
- Convert external input signal to ORBIT signal.
- Remote monitoring and editing.
- Each channel can set scene/channel/service modes.
- Each dry contact can set working period individually.



Specifications

Power input: DC 24V(ORBIT.DC)-40mA
 Connection: ORBIT.DC
 Protocol: ORBIT
 Digital signal connector: 2-pin terminal
 Dimension: 162(W) x 90(H) x 62(D)mm
 Weight: 500g

ORBIT Interface

PL-DPE300: Ethernet to ORBIT(PLC) and MODBUS Interface

- Convert TCP/IP to ORBIT(PLC) and MODBUS signal.
- Built-in timer and astronomical timer.

Specifications

Power input: AC 100-240V (ORBIT.AC)
Connection: ORBIT.DC & ORBIT.AC
Protocol: ORBIT、MODBUS
Signal connector: 2-pin terminal
Dimension: 144(W) x 90(H) x 62(D)mm
Weight: 480g



PL-MXE101: Ethernet to ORBIT(PLC) Interface

- Convert TCP/IP to ORBIT signal.
- Programmable by ORBIT commander and PLCMobile app.
- Built-in timer and astronomical timer.

Specifications

Power input: AC 100-240V
Connection: ORBIT.AC, ORBIT.DC
Protocol: ORBIT, TCP/IP, RS-485
Signal connector: 2-pin terminal
Dimension: 50(W) x 95(H) x 65(D)mm
Weight: 270g



PLCMobile: App for Smart Device

- Control lighting, curtain and AC individually.
- Multiple lights can be controlled easily through scene setting.
- Schedule scenes to adjust lights automatically.
- Monitoring system, infinite safety.
- Alarm setting, emergency response, minimize losses.
- Work with PL-MXE101 and PL-DPE100.
- Available on iOS and Android.



PL-DPE100: Ethernet to ORBIT(PLC) Interface

- Convert TCP/IP to ORBIT signal.
- Built-in timer and astronomical timer.
- Link ORBIT COMMANDER to ORBIT devices.



Specifications

Power input: DC 24V(ORBIT.DC)-110mA
 Connection: ORBIT.DC
 Protocol: ORBIT
 Digital signal connector: 2-pin terminal
 Dimension: 162(W) x 90(H) x 62(D)mm
 Weight: 460g

ORBIT COMMANDER



- Program ORBIT devices by GUI.
- Real time monitoring ORBIT devices.
- Energy management by real time data.
- User access management.

PL-NF10: ORBIT(PLC) Filter



Specifications

Power input: AC 100-240V
 Protocol: ORBIT
 Capacity: 10A
 Dimension: 50(W) x 95(H) x 65(D)mm
 Weight: 325g

ORBIT Interface

PL-HT01: ORBIT(PLC) Temperature and Humidity Sensor

- Programmable by ORBIT COMMANDER.
- Remote monitoring and editing.
- Can set warning level for temperature and humidity.



Specifications

Power input: DC 24V(ORBIT.DC)-20mA
Connection: ORBIT.DC
Protocol: ORBIT
Digital signal connector: 2-pin terminal
Installation: Ceiling mounted
Dimension: 90(Diameter) x 35(Height) mm
Weight: 200g

PL-ISO2II: ORBIT(PLC) Signal Isolator Amplifier

- Programmable by ORBIT COMMANDER.
- ORBIT isolator/ repeater.
- Internal power filtering function.
- Bidirectional buffer function.
- Connectable to external 24V PSU to supply power to ORBIT devices.
- Extend ORBIT signal.



Specifications

Power input: DC 24V(ORBIT.DC)-40mA
Connection: ORBIT.DC
Protocol: ORBIT
Digital signal connector: 2-pin terminal
Dimension: 144(W) x 90(H) x 62(D)mm
Weight: 500g

PL-PW20-24: ORBIT(PLC) DC Power Supplier



- 24V/20W Power Supplier.

Specifications

Power input: AC 100-240V (ORBIT.AC)
Connection: ORBIT.DC
Protocol: ORBIT
Capacity: DC24V, 20W
Signal connector: Screwless terminal
Dimension: 50(W) x 95(H) x 65(D) mm
Weight: 300g

PL-PIR01: ORBIT(PLC) Brightness/ Occupancy Sensor

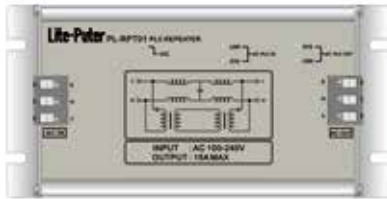
- Programmable by ORBIT COMMANDER.
- Can set time mode or brightness mode.
- Two sensor modes: brightness induction mode and occupancy sensor mode.
- Remote monitoring and editing.
- Can set occupancy sensor output delay time.



Specifications

Power input: DC 24V(ORBIT.DC)-20mA
 Connection: ORBIT.DC
 Protocol: ORBIT
 Digital signal connector: 2-pin terminal
 Installation: Ceiling mounted
 Dimension: 90(Diameter) x 40(Height) mm
 Weight: 91g

PL-RPT01: ORBIT(PLC) Isolator and Repeater



- ORBIT signal isolator and repeater.

Specifications

Power input: AC 100-240V (ORBIT.AC)
 Connection: ORBIT.AC
 Protocol: ORBIT
 Capacity: 15A
 Dimension: 170(W) x 80(H) x 50(D) mm
 Weight: 500g

PL-RF10: ORBIT(PLC) to RF Interface



Specifications

Power input: AC 100-240V (ORBIT.AC)
 Connection: ORBIT.AC
 Protocol: ORBIT
 Capacity: 10A
 Dimension: 182(W) x 85(H) x 45(D) mm
 Weight: 390g



Architectural Lighting Control System



LED Dimmer

LDX-120 : 1CH LED Dimmer Pack

- DMX-512/ 0-10V analog signal control.



Specifications

Power: DC 12-28V
Output: 1 channel constant voltage dimming output
Protocol: DMX-512/ DC 0-10V
Capacity: 20A
Digital signal connector: 3-pin terminal
Dimension: 240(W) x 100(H) x 40(D)mm
Weight: 1.5Kg

LDX-1201 : 12CH Constant Voltage LED Dimmer

- Overload/ overheat protection.
- Dip switch for DMX start channel address setting.



Specifications

Power: DC 12-28V
Output: 12 channel constant voltage dimming outputs
Protocol: DMX-512
Capacity: 12CH, 1A per channel, total: 12A
Digital signal connector: 3-pin terminal
Dimension: 255(W) x 72(H) x 44(D)mm
Weight: 420g

LDA1203-1 : 12V 3A LED Dimmer LDA2401-1 : 24V 1.5A LED Dimmer

- DC 0-10V signal control.
- Short-cut protection.
- Built-in knob and simple operation.



Specifications

Power: AC 100-240V
Output: 1 channel constant voltage dimming output or DC 0-10V dimming output
Protocol: DC 0-10V
Capacity: LDA1203-1: 12V/ 3A; LDA2401-1: 24V/ 1.5A
Dimension: 180(W) x 43(H) x 55(D)mm
Weight: 300g

LDX-303A: 3CH Constant Voltage LED Dimmer

- Overload/ overheat protection.
- Auto addressing.
- Dip switch for DMX start channel address setting.



Specifications

Power: DC 12-36V
Output: 3 channel constant voltage dimming outputs
Protocol: DMX-512
Capacity: 3CH, 3A per channel, total: 9A
Digital signal connector: 2-pin terminal
Dimension: 176(W) x 55(H) x 34(D)mm
Weight: 200g

LDX-405AII : 4CH Constant Voltage LED Dimmer

LDX-305AII : 3CH Constant Voltage LED Dimmer

- 0-100% dimmable.
- Built-in 31 modes.
- 7 scenes (SC1~6+OFF).
- Connectable to ECP control panel and IR remote.



Specifications

Power: DC 12-28V
 Output: 3/4 channel constant voltage dimming outputs
 Protocol: DMX-512/ EDX
 Capacity: 5A per channel; >20V: 3A per channel/ 5A for short time usage
 Digital signal connector: 3-pin terminal
 Dimension: 234(W) x 75(H) x 40(D)mm
 Weight: 400g

LDX-4805 : 48CH LED Constant Voltage Dimmer Pack

- Fine dimming effect.
- C2.0 linear dimming curve.
- Instant replaceable dimming modules.
- Thermal-controlled fan.



Specifications

Power: DC 12-24V (each module has an independent DC input)
 Output: 48 channel constant voltage dimming outputs
 Protocol: DMX-512/ EDX
 Capacity: 12V 5A per channel / 24V 2.5A per channel
 Digital signal connector: RJ-12
 Dimension: 482(W) x 176(H) x 296(D)mm
 Weight: 15.5kg

LDX-610 : 6CH Constant Voltage LED Dimmer Pack

- Modular design for easy maintenance.
- Output of each channel can be limited to protect the load.
- Each dimming module can display ID, DMX address, voltage, current, temperature and channel output limited value independently.
- Each dimming module equips with thermal-controlled fan.



Specifications

Power: AC 100-240V
 Output: DC 24V, 6 channel constant voltage dimming outputs
 Protocol: DMX-512/ EDX
 Capacity: 240W per channel
 Digital signal connector: RJ-12
 Dimension: 483(W) x 176(H) x 310(D)mm
 Weight: 16.5kg

Dimmer

EDX-607: 6CH All-in-One Lighting Controller

- The built-in timer of EDX-607 can turn on/ off each lamp automatically at a preset time. For example, you can set a timer to switch off the unnecessary lamps at 22:00 and keep the night light on to save a lot of energy and electricity consumption.
- 12 scenes make your lighting effect more versatile.
- Besides 6 direct outputs, EDX-607 can send DMX signal to control additional 6 channels.
- Reliable Self-Protection Function:
 - Current detection- When the total current over 25A, EDX-607 will stop output; when the total current over 20A, EDX-607 will limit the output till the total current lower than 16A.
 - Temperature detection- When temperature over 70°C, EDX-607 will automatically decrease output; over 75°C, it will stop output.
- IR remote control.
- EDX-607 can present 0-100% dimming level accurately by its default dimming curve. The dimming curve is adjustable.
- Each channel can be set dimming or switch mode.
- Fade in/ fade out time setting enables smooth lighting change.
- Partition control.



Specifications

Power Supply: AC 100-240V
Output: 6 channel leading-edge outputs
Protocol: DMX-512/ EDX
Capacity: 6 channels, 4A per channel max. Total 12A max
Digital signal connector: 4-pin terminal
Dimension: 212(W) x 118(H) x 60(D)mm
Weight: 860g

EDX-1210: 12CH 10A Leading-Edge/ DC 0-10V Modular Dimmer Pack EDX-620: 6CH 20A Leading-Edge/ DC 0-10V Modular Dimmer Pack

- C2.0 linear dimming curve.
- Thermal-controlled fan.
- Leading-edge phase control dimming.
- Modular Design. Easy to do the maintenance.
- Able to dim fluorescent/ LED lamps (DC 0-10V).
- Switching mode for controlling non-dimmable lamps.



Specifications

Power Supply: AC 100-240V
Output: 12 channel leading-edge or DC 0-10V dimming outputs
Protocol: DMX-512/ EDX
Capacity:
EDX-1210 : 12 channels, 10A per channel max. Total 120A max.
EDX-620: 6 channels, 20A per channel max. Total 120A max.
Digital signal connector: 4-pin terminal
Dimension: 487(W) x 290(H) x 115(D)mm
Weight: 12kg

EDX-610: 6CH Leading-Edge/ DC 0-10V Dimmer Pack

- Integrated dimmer pack with panel controller.
- 6 scenes, each scene can be set fade in/ fade out.
- Connectable to ECP control panel.
- Each channel can be set as dimming/ switch/ fluorescent (0-10V) mode.
- Up 99 zones.
- Programmable event scheduler.
- IR remote control.



Specifications

Power Supply: AC 100-240V
Output: 6 channel leading-edge or DC 0-10V dimming outputs
Protocol: DMX-512/ EDX
Capacity: 6 channels, 10A per channel max. Total 60A max.
Digital signal connector: 4-pin terminal (internal)/ RJ-12 (external)
Dimension: 455(W) x 290(H) x 100(D)mm
Weight: 9kg

EDX-A01D: HVAC Controller

- Connectable to ECP-A02T.
- Control HVAC device.



Specifications

Power supply: AC 100-240V
Protocol: DMX-512/ EDX
Digital signal connector: 4-pin terminal/ RJ-12
Dimension: 198 (W) x 90(H) x 62(D)mm
Weight: 670g

EDX-B02D: Curtain Controller

- Two output channels for controlling motor's clockwise and counterclockwise rotation.
- Up to 99 zones and 6 scenes.



Specifications

Power supply: AC 100-240V
Protocol: DMX-512/ EDX
Digital signal connector: 4-pin terminal/ RJ-12
Dimension: 198 (W) x 90(H) x 62(D)mm
Weight: 650g

Dimmer

EDX-F04R: 4CH Leading-Edge/0-10V Dimmer Pack

- 4 channels output. Each channel includes one AC OUT power supply for fluorescent lamp and one DC 0-10V for fluorescent/LED dimming. It also can be the dimmer pack for conventional (incandescent) lamps.
- Can set the OFF time for AC OUT power from 1 second to 99 seconds.
- Can set the fade time for each scene.
- Up to 99 zones and 6 scenes.



Specifications

Power supply: AC 100-240V
Output: 4 channel leading-edge or DC 0-10V dimming outputs
Protocol: DMX-512/ EDX
Capacity: 4 channels, 5A per channel, total 12A max.
Digital signal connector: 4-pin terminal/ RJ-12
Dimension: 190(W) x 88(H) x 57(D)mm
Weight: 590g

EDX-F04: 4CH Leading-Edge/ DC 0-10V Dimmer Pack

- 4 channel outputs, each channel including one AC output for conventional lamps, non-dimmable lamps, or DC 0-10V for dimmable fluorescent/LED lamps.
- Each channel can be set as dimming/ switch/ fluorescent(0-10V) mode.
- Programmed 6 scenes by control panel: ECP-103 or ECP-103A.
- Can set the OFF time for AC OUT power from 1 second to 99 seconds.
- Connectable to ECP control panel for scene recall.
- Can set the fade time for each scene.
- Up to 99 zones.

Specifications

Power Supply: AC 100-240V
Output: 4 channel leading-edge or DC 0-10V dimming outputs
Protocol: DMX-512/ EDX
Capacity: 4 channels, 5A per channel max. Total 20A max
Digital signal connector: 4-pin terminal (internal)/ RJ-12 (external)
Dimension: 100(W) x 240(H) x 57(D)mm
Weight: 1.2kg



EDX-F05D: 4CH 0-10V Dimmer Pack

- Up to 99 zones and 6 scenes.
- Can set the fade time for each scene.
- Can set the OFF time for AC OUT power from 1 second to 99 seconds.
- 4 channels output. Each channel includes one on/off switch and one DC 0-10V.



Specifications

Power: AC 100-240V
 Output: 4 channel DC 0-10V dimming outputs
 Protocol: DMX-512/ EDX
 Capacity: 4 channels, 5A per channel, total 20A max.
 Digital signal connector: 4-pin terminal/ RJ-12
 Dimension: 198(W) x 90(H) x 62(D)mm
 Weight: 680g

EPX-410D/ EPX-420D/ EPX-430D: 4CH Switch Pack

- Up to 99 zones and 6 scenes.
- Connectable to ECP scene control panel.
- Equipped with 4 latching relays.
- Adjustable switch-on point (DMX 10% to 60%).
- 4 channels, each channel can be set as ON/OFF individually.



Specifications

Power: AC 100-240V
 Protocol: DMX-512/ EDX
 Capacity:
 EPX-410D: 10A per channel max.
 EPX-420D: 20A per channel max.
 EPX-430D: 30A per channel max.
 Digital signal connector: 4-pin terminal/ RJ-12
 Dimension: 162(W) x 90(H) x 62(D)mm
 Weight: 600g

EPX-810D/ EPX-820D/ EPX-830D: 8CH Switch Pack

- Up to 99 zones and 6 scenes.
- Connectable to ECP scene control panel.
- Equipped with 8 latching relays.
- Adjustable switch-on point (DMX 10% to 60%).
- 8 channels, each channel can be set as ON/OFF individually.



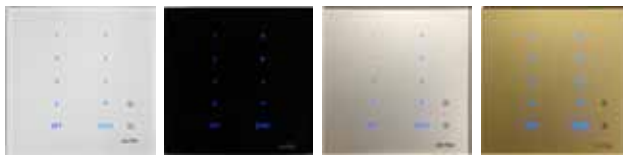
Specifications

Power: AC 100-240V
 Protocol: DMX-512/ EDX
 Capacity:
 EPX-810D : 10A per channel max.
 EPX-820D : 20A per channel max.
 EPX-830D : 30A per channel max.
 Digital signal connector: 4-pin terminal/ RJ-12
 Dimension: 234(W) x 90(H) x 62(D)mm
 Weight: 900g

Controller / Control Panel

ECP-110T: Glass Wall Control Panel (European Type)

- 6 scenes.
- IR receiver.
- Automatically adjusted backlight.
- One ECP-110T can control up to 8 zones simultaneously in multi-zone mode.
- Two dry contact inputs.
- Key Lock /unlock function.



White Black Silver Golden

Specifications

Power: DC 12V
Protocol: EDX
Digital signal connector: 4-pin terminal
Mounting: mounts in European signal-gang box
Dimension: 86(W) x 86(H) x 21(D) mm
Weight: 100g

ECP-301/ ECP-305/ ECP-310: Control Panel (European Type)

- Two dry contact inputs.
- Can control up to 8 zones simultaneously in multi-zone mode.
- Key Lock /unlock function.



ECP-301 ECP-305 ECP-310

Specifications

Power: DC 12V
Protocol: EDX
Digital signal connector: 4-pin terminal
Mounting: mounts in European signal-gang box
Dimension: 86(W) x 86(H) x 34(D) mm

ECP-202: Control Panel (European Type)

- 6 scenes.
- IR receiver.
- Key Lock /unlock function.
- Can control up to 8 zones simultaneously in multi-zone mode.



White Dark Gray Silver Golden

Specifications

Power: DC 12V
Protocol: EDX
Digital signal connector: 4-pin terminal
Mounting: mounts in European signal-gang box
Dimension: 86(W) x 86(H) x 29(D) mm
Weight: 65g

ECP-101: Wall Control Panel

- Can recall 6 scenes.
- 256 level dimming resolutions.
- Key lock/unlock function.



Specifications

Power: DC 12V
 Protocol: EDX
 Digital signal connector: RJ-12
 Mounting: mounts in US signal-gang box
 Dimension: 70(W) x 120(H) x 43 (D) mm
 Weight: 170g

ECP-103/ ECP-103A: Programmable Wall Control Panel (American Type)

- Key lock/unlock function.
- Master mode: loading and editing scenes' data.
- Can recall 6 scenes and control up to 99 zones, each zone can be set 512 channels.



ECP-103



ECP-103A

Specifications

Power: DC 12V
 Protocol: EDX
 Digital signal connector: RJ-12
 Mounting: mounts in US 2-gang box
 Dimension: 116(W) x 120(H) x 45(D)mm
 Weight: 300g

ECP-1030J: 60CH LED Wall Control Panel

- 40 programmable scenes.
- Event scheduler.
- Control 60 channels for RGB color mixing, 4 color mixing modes.
- 6 programmable chasers in 24 steps.



Specifications

Power: DC 12V
 Protocol: DMX-512
 Digital signal connector: RJ-12
 Mounting: mounts in US 2-gang box
 Dimensions: 116(W) x 120(H) x 45 (D) mm
 Weight: 300g

Controller / Control Panel

CP-R01E: Wall Panel (European type)

- Work with 0-10V ballast.
- The effect of dimming can be presented precisely.



Specifications

Protocol: analog 0-10V
Signal Connector: 4-pin terminal
Mounting: mounts in European signal-gang box
Dimension: 86(W) x 86(H) x 29(D) mm
Weight: 120g

CP-R01U: Wall Panel (American type)

- Work with 0-10V ballast.
- The effect of dimming can be presented precisely.



Specifications

Protocol: analog 0-10V
Signal Connector: 2-pin terminal
Mounting: mounts in American signal-gang box
Dimension: 70(W) x 120(H) x 41(D) mm
Weight: 120g

RC-18A: IR Remote Control

- Transmission distance: 5 meters.
- 6 scenes: increase or decrease dimming level of each scene.

Specifications

Power: DC 3V (CR2025 battery x1)
Dimension: 40(W) x 86(H) x 7(D)mm
Weight: 16g



ECP-T03/ECP-T04: Touch Screen Panel

Lite-Puter's ECP-T03 and ECP-T04 are highly customizable touch screen panels. It is easy to configure a user-friendly interface by our Windows-based software. USB port, Ethernet, and DMX-512 protocol* ensure the most extensive connectivity and compatibility. It is also simple to set up and allocate the lighting system by 40 zones and 12 scenes for each zone. Remote control and build-in event scheduler make lighting control easier. By the flexibilities and extensibilities, ECP-T03 and ECP-T04 are the most ideal touch screen panels to realize an intuitive centralized control in architectural and entertainment lighting environment.

- DMX-512 output is offered only by ECP-T04.



Specifications

Power Supply: DC 12V
Protocol:
ECP-T03 : EDX
ECP-T04 : DMX-512/ EDX
Connection Port: USB/ LAN
RAM Memory: 256MB
Screen Size: 5.7 inch
Resolution: 320*240 pixels
Color: 8 bit
Digital signal connector: 4-pin terminal
Dimension: 215(W) x 140(H) x 39(D)mm
Weight: 520g

Project: Silks Place Tainan



Interface

DP-104E

Ethernet to EDX Interface



Specifications

Power: DC 12V
Protocol: EDX
Digital signal Connector: 4-pin terminal
Dimension: 100(W) x 25(H) x 60(D) mm
Weight: 92g

DP-102D: RS-232 to DMX-512 Interface

DP-105D: RS-485 to DMX-512 Interface



Specifications

Power: DC 12V
Digital signal connector: 4-pin terminal/ RJ-12
Dimension: 132(W) x 76(H) x 35(D) mm
Weight: 220g

DP-107E

RS-232/RS-485/Ethernet to EDX Interface



Specifications

Power: DC 12V
Dimension: 143(W) x 75(H) x 37(D) mm
Weight: 500g

DP-105R

EDX/ DMX-512 Isolator and Repeater



Specifications

Power: DC 12V
Digital signal connector: 4-pin terminal
Dimension: 66(W) x 54(H) x 23(D) mm
Weight: 128g

DP-8A: 8CH Analog to DMX-512 Interface

- Transferring DC 0-10V to DMX-512 out signal.

Specifications

Power: DC 12V
Protocol: DMX-512
Digital signal connector: 4-pin terminal
Analog in connector: 5-pin terminal
Dimension: 72(W) x 61(H) x 93(D) mm
Weight: 140g



DP-8DA: 8CH DMX-512/EDX to ANALOG Decoder

- Connectable to ECP scene control panel.
- Convert DMX-512/ EDX signal to analog (DC 0-10V) signal.



Specifications

Power: DC 12V
Output: DC 0-10V
Protocol: DMX-512/ EDX
Digital signal connector: 4-pin terminal

DP-DL01D: DMX-512/EDX to DALI Interface

- Up to 99 zones.
- Convert EDX or DMX-512 to DALI.
- Each DP-DL01D can link up to 64 DALI ballasts.
- Can set DALI address through DP-104E.



Specifications

Signal input: DMX-512/ EDX
Signal output: DALI
Digital signal connector: 4-pin terminal
Dimension: 108(W) x 90(H) x 62(D)mm
Weight: 160g

DP-IR03: 8CH Switch Interface Module

- Can connect to dry contacts (8 sets), like wall-mounted switch or occupancy sensor.
- Each dry contact has two modes: scene or channel mode. User can recall channels or scenes of EDX series products (ex: EDX-607) by any kinds of wall-mounted switch.



Specifications

Power: DC 12V, 200mA
Protocol: EDX
Digital signal connector: 4-pin terminal
Dimension: 133(W) x 76(H) x 35(D) mm
Weight: 220g

Interface

DP-IR04R: IR Learning Module

- With PC control software.
- Can be controlled by ECP series control panel.
- Can record 2048 IR codes. (there are 16 BANKs and 128 IR codes for each BANK)
- Can save 100 scenes, each scene includes 16 sets of IR code.



Specifications

Power: DC 12V
Protocol: EDX
Infrared Angle: 30 degree
Infrared Wavelength: 850nm
Digital signal input connector: 4-pin terminal
Digital signal output connector: 3-pin terminal
Dimension: 132(W) x 76(H) x 36(D) mm
Weight: 360g

DP-NEX1: NEX Central Controller

DP-NEX1 is a highly flexible Ethernet to DMX/EDX interface. It can control all DMX-512 devices as well as Lite-Puter's dimmers and switch packs. It is ideal for most residential and commercial lighting applications by its capabilities of allocating the system up to 128 zones, 12 scenes for each zone. Automated lighting controls can be realized by its built-in event schedulers and astronomical timers, saving the energy and labor cost. DP-NEX1 can be easily programmed by a windows-based application and integrated into network infrastructures. No matter what kind of lighting projects, DP-NEX1 offers the highest compatibilities and flexibilities.

- NEX central controller.
- Built-in timer.
- Compatible for DMX-512 devices.
- 8 programmable dry contact inputs.
- Programmable and controllable by web-based application.
- Connectable to ECP scene control panel.
- Up to 128 zones. 12 scenes can be stored in each zone.



Specifications

Power: AC 100-240V
Protocol: DMX-512/ EDX/ NEX
Digital signal connector: 4-pin terminal/ RJ-12
Dimension: 234(W) x 90(H) x 62(D)mm
Weight: 620g

NEX Lighting GUI: Enable remote lighting control on any platforms



Lite-Puter "NEX Lighting" is a windows-based application to make it easy to configure DP-NEX1.

DP-PIR02: Brightness/ Occupancy Sensor

- Built-in infrared probe, the maximum distance between the probe and the object is 5 meters.
- Can be set as brightness mode and occupancy sensor mode.
- Up to 255 DP-PIR02 can work together at the same time.
- Connectable to PC and can be programmed with software through DP-104E.



Specifications

Power: DC 12V
Protocol: EDX
Digital signal connector: 4-pin terminal
Installation: Ceiling mounted
Dimension: 90(Diameter) x 40(Height) mm
Weight: 60g

DP-S4B: 4CH Programmable Switch Controller

- Convert external input signal to EDX signal. • 4 programmable dry contact inputs.
- Scene and channel modes.



Specifications

Power: DC 12V
Protocol: EDX
Dimension: 53(W) x 70(H) x 19(D)mm
Weight: 100g

DP-S8D: 8CH Programmable Switch Controller

- Convert external input signal to EDX signal. • 8 programmable dry contact inputs.
- Scene and channel modes.



Specifications

Power: DC 12V
Protocol: EDX
Digital signal connector: 4-pin terminal/ RJ-12
Dimension: 162(W) x 90(H) x 62(D)mm
Weight: 500g

Room

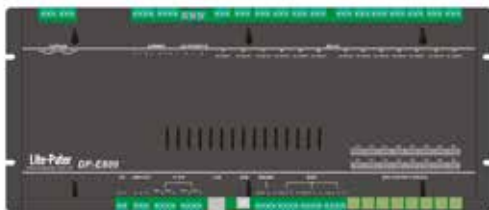
Management System



Interface

DP-E800: Room Management Control System

- 4 x leading-edge dimmer.
- 64 zones, each zone can store 15 scenes.
- Centralized control through Ethernet and a PC.
- Easy to configure through NEX Lighting GUI.
- Event scheduler with built-in astronomical clock and perpetual calendar.
- 16 x dry contact inputs.
- 4 x DC 0-10V output.
- 1 x HVAC control.
- 8 x relay.



Specifications

Power: AC 100-240V
Protocol: DMX-512/ EDX
Digital signal connector: 4-pin terminal
Dimension: 450(W) x 60(H) x 195(D)mm
Weight: 3.5Kg

RCU-300: Room Management Control System

- 64 zones, each zone can store 15 scenes.
- Centralized control through Ethernet and a PC.
- Easy to configure through NEX Lighting GUI.
- Event scheduler with built-in astronomical clock and perpetual calendar.
- Can set IP address and password.
- 8 x dry contact.
- 6 x relay.



Specifications

Power: DC 12V
Protocol: DMX-512/ EDX
Digital signal connector: 4-pin terminal
Dimension: 230(W) x 140(H) x 32(D)mm
Weight: 1Kg

LCM-800: LCD Module

- LCD programming module for RCU-300.



Specifications

Dimension: 100(W) x 75(H) x 40(D)mm
Weight: 300g

RMS Monitor Software



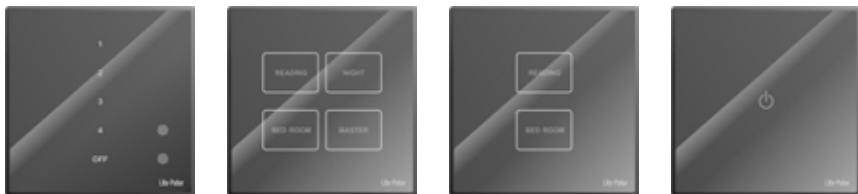
- Real time alarming system.
- Monitoring real time status of each guest room and public area in the RMS system.
- Real time message display (make up room, laundry, emergency, failure).

Exclusively designed for Lite-Puter’s RMS control systems, the software provides robust and centralized capabilities for monitoring and managing.

Control Panels

* Provide customized design

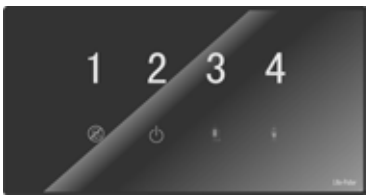
ECP-105T — ECP-104T — ECP-102T — ECP-101T



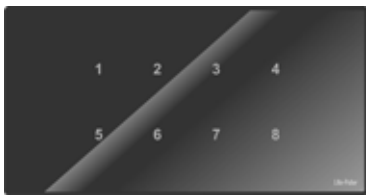
ECP-K01T
Keycard Holder Panel



ECP-H01T
Corridor Control Panel



ECP-B01T
Bedside Control Panel



ECP-A02T
HVAC Control Panel





Stage

Lighting Control System



Dimmer

DX-1210/ DX-1220/ DX-1230

12CH Modular Dimmer Pack (10A/ 20A/ 30A)



DX-630/ DX-640/ DX-650

6CH Modular Dimmer Pack (30A/ 40A/ 50A)



- DMX-512 and analog input.
- Self-testing function to test without a console.
- Options of dimming or switch for each channel.
- 12/6 individual extractable modules with 12/6 channels control.
- AMCB (NFB) for each channel, output of each channel can be limited to protect the lamps.
- Emergent scene setting function to output scene data in time when losing DMX control signal.
- Thermo-controlled fan will be activated automatically when the temperature is over 35°C ; cease the output when over 70°C and restart output when below 60°C.

Specifications

Power: AC 100-240V

Output: 12/6 channel leading-edge dimming outputs

Protocol: DMX-512

Analog signal input: DC 1-10V (D-TYPE: 15-pin)

Digital signal connector: XLR 5-pin

Installation: 19" 4U standard rack

Model number	Channels	Capacity per channel	Dimension (mm)	Weight
DX-1210	12	10A	482(w)*176(H)*297(D)	18.5Kg
DX-1220	12	20A		21Kg
DX-1230	12	30A		21.5Kg
DX-630	6	30A	482(w)*176(H)*410(D)	187Kg
DX-640	6	40A		18Kg
DX-650	6	50A	482(w)*176(H)*410(D)	23Kg

Rear Panel: 2U (optional)



UK Type

American Type

Australian Type



French Type

Italian (CEE) Type

German Type



German (Schuko) Type

German w/cover Type

SOCAPEX 19PIN type

DX-I228: 12CH 20A Modular Dimmer Pack

- Automatic frequency sensor can detect power frequency (45Hz-63Hz) in different areas to stabilize the dimming output.
- Modular design for easy maintenance and software upgrade.
- Intelligent thermo-controlled system:
 - When the internal temperature over 37°C, the thermo-controlled fan will be activated automatically intermittently.
 - When the internal temperature over 50°C, the thermo-controlled fan will be ran at full speed.
 - When the internal temperature over 75°C, it will stop the output automatically to protect the system.
- 4 set thermo-controlled fans to disperse heat and reduce dust accumulation.
- Output of each channel can be limited to protect the load.
- Each channel can set DMX address via LCD display.
- DMX-512 and analog input.
- Self- testing function to test without a console.
- Warm-up setting: Each channel can set warm-up value from 0% to 6% to protect lamps.
- Options of dimming or switch for each channel.
- Able to set fade in and fade out time of scene.

**Specifications**

Power: AC 100-240V
 Output: 12 channel leading-edge dimming outputs
 Protocol: DMX-512
 Capacity: 12CH, 20A per channel, total 240A
 Analog signal input: DC 1-10V (D-TYPE: 15-pin)
 Digital signal connector: XLR 5-pin/ RJ-12
 Installation: 19" 4U standard rack
 Dimension: 482(W) x 176(H) x 410(D)mm
 Weight: 28kg

DX-I227: 12CH 20A Dimmer Pack

- Automatic frequency sensor can detect power frequency (45Hz ~ 63Hz) in different areas and stabilizes the dimming output.
- Output can be limited from 50% to 100% for overload protection.
- The thermo-controlled fan will be activated automatically when the temperature is over 45°C.
- The intelligent thermo-protection will cease the output when over 85°C, and restart output when below 65°C.
- Self-testing function to test without a console.
- Each channel can be set as dimming or non-dimming.
- Dimming level and internal temperature monitor.
- Warm up function to protect the loads. (warm up setting from 0~6%)
- Each channel is equipped with a N.F.B. to protect the loads.

**Specifications**

Power: AC 100-240V
 Output: 12 channel leading-edge dimming outputs
 Protocol: DMX-512
 Capacity: 12CH, 20A per channel, total 240A
 Digital signal connector: XLR 5-pin/ RJ-12
 Installation: 19" 3U standard rack
 Dimension: 482(W) x 132(H) x 315(D)mm
 Weight: 13.5kg

Dimmer

DX-626: 6CH 20A Dimmer Pack DX-610: 6CH 10A Dimmer Pack

- Automatic frequency sensor can detect power frequency (45Hz ~ 63Hz) in different areas and stabilizes the dimming output.
- The thermo-controlled fan will be activated automatically when the temperature is over 45°C.
- The intelligent thermo-protection will cease the output when over 85°C and restart output when below 65°C.
- Self-testing function to test without a console.
- Each channel can be set as dimming or non-dimming.
- Dimming level and internal temperature monitor.
- Warm up function to protect the loads. (warm up setting from 0~6%)
- Each channel is equipped with a N.F.B. to protect the loads.

Specifications

Power: AC 100-240V
Output: 6 channel leading-edge dimming outputs
Protocol: DMX-512
Capacity:
DX-626: 6CH, 20A per channel, total 120A
DX-610: 6CH, 10A per channel, total 60A
Digital signal connector: XLR 5-pin/ RJ-12
Installation: 19" 2U standard rack
Dimension: 482(W) x 88(H) x 312(D)mm
Weight: DX-626: 8Kg / DX-610: 7Kg



Schuko Socket Rear Board



Terminal Rear Board



American Socket Rear Board

DX-401A/ DX-402A: 4CH DMX Dimmer Pack

- Two AC inputs. Each input offers 15A output for channel 1 and 2 or channel 3 and 4.
- Self-testing function to test without a console.
- Options of dimming or switch for each channel.
- Equipped with clamp for truss hanging or tabletop operation.



DX-402A
Schuko socket

DX-402A
American socket

DX-401A
Schuko socket

DX-401A
American socket

Specifications

Power: AC 100-120V/ 200-240V
Output: 4 channel leading-edge dimming outputs
Protocol: DMX-512
Capacity: 10A per channel, total 15A x 2
Digital signal connector: XLR 3-pin/ RJ-12
Dimension: 220(W) x 270(H) x 85(D)mm
Weight: 3.2Kg

XD-830

8CH 30A SineWave Dimmer Pack



XD-460

4CH 60A SineWave Dimmer Pack



Lite-Puter SineWave Dimmer overcomes the major drawbacks of SCR dimmers and delivers the most advanced dimming technology in an energy-saving way. With pure sine wave AC voltage output and low harmonic distortion, Lite-Puter SineWave Dimmer produces no filament noise and extends the life of the lamps. The power factor of SineWave dimmer is almost 100%, so there is no more energy wasted. Just enjoy the performance without any audible noise as well as the green dimming technology by Lite-Puter SineWave Dimmer.

Specifications

Power: AC 100-240V
 Output: 8/4 channel sine wave dimming outputs
 Protocol: DMX-512
 Capacity: XD-830: 8CH, 30A per channel, total 240A
 XD-460: 4CH, 60A per channel, total 240A

Digital signal connector: XLR 5-pin/ RJ-12
 Installation: 19" 4.5U standard rack
 Dimension: 482(W) x 198(H) x 450(D)mm
 Weight: 38.5kg

Fly Case-24: 24CH Dimmer Pack in Fly Case



Font

DX-1220*2
 DP-AV04 (voltage and current meter)*1
 100A circuit breaker *2

Rear

Cooling fan*3
 SOCAPEX 19 PIN*8
 CANLOCK (Female) (R,S,T,N,G)*1
 CANLOCK (Male) (R,S,T,N,G)*1

Specifications

Power: AC 100-240V
 Protocol: DMX-512
 Capacity: 24CH, 20A per channel, total 480A
 Diameter of wheels: 100mm
 Dimension: 550(W) x 890(H) x 660(D)mm
 Weight: 120kg

* Provide customized design

Dimmer

DX-404: 4CH DMX Dimmer Pack

- Self-testing function to test without a console.
- Options of dimming or switch for each channel.
- Equipped with clamp for truss hanging or tabletop operation.



Specifications

Power: AC 100-120V/ 200-240V
Output: 4 channel leading-edge dimming outputs
Protocol: DMX-512
Capacity: 4A per channel, total 15A
Digital signal connector: XLR 3-pin/ RJ-12
Dimension: 240(W) x 88(H) x 125(D)mm
Weight: 1.2Kg

AX-805: 8CH DMX Chaser

- 12 programmable scenes.
- Channel and scene chaser.
- Each channel can set warm up 0~6% to protect the lamps.



Specifications

Power: AC 100-120V/ 200-240V
Protocol: DMX-512
Capacity: 5A per channel, total: 40A
Digital signal connector: XLR 5-pin
Dimension: 482(W) x 130(H) x 220(D) mm
Weight: 5.7Kg

AX-1205: 12CH DMX Chaser

- 12 programmable scenes.
- Channel and scene chaser.
- Each channel can set warm up 0~6% to protect the lamps.



Specifications

Power: AC 100-120V/ 200-240V
Protocol: DMX-512
Capacity: 5A per channel, total: 60A
Digital signal connector: XLR 5-pin
Dimension: 672(W) x 100(H) x 250(D) mm
Weight: 7.2Kg

Project: amba Taipei Songshan



Controller

CX-1C: DMX Tester

- View DMX input data and send DMX data.
- LCD can display DMX values in decimal, hex or binary mode.
- LCD backlight power saving mode.
- Rechargeable lithium battery.
- Cable test function.

Specifications

Power: DC 12V/ 1A
Protocol: DMX-512
Digital signal connector: XLR 5-pin/ RJ-12
Dimension: 97(W) x 134(H) x 38(D)mm
Weight: 750g



CX-12: 96CH DMX Console

- 24 chaser sequence in 64 steps.
- Memory card. (Optional)
- 96 programmable scenes (4 pages containing 24 scenes each)
- Audio control available.
- Cross fade.

Specifications

Power: 100-240V
Protocol: DMX-512
Digital signal connector: XLR 3-pin/ XLR-5pin/ RJ-12
Dimension: 482(W) x 95(H) x 352(D)mm
Weight: 5Kg



CX-2: 6CH DMX Mini Console

- LED display can show the dimming value and chaser speed.
- Chaser function: 1). Channel chase 2.) Scene chase 3). Speed control 4.) Flash/fader
- 6 scenes.

Specifications

Power: DC 12V/ 1A
Protocol: DMX-512
Digital signal connector: XLR 5-pin/ RJ-12
Dimension: 158(W) x 50(H) x 120(D)mm
Weight: 665g



CX-3B: 512CH DMX Console

- Save 512 groups of chasers, each chaser contains 256 steps.
- 2 cross-fade for scene change.
- Audio control available.
- 1000 scenes.
- 12 hot keys for scene recall.



Specifications

Power: DC 12V/ 1A
 Protocol: DMX-512
 Digital signal connector: XLR 3-pin/ XLR-5pin
 Dimension: 482(W) x 64(H) x 176(D)mm
 Weight: 4Kg

CX-404/ CX-604/ CX-804/ CX-1204: 4/6/8/12 CH DMX Console

- 4/6/8/12 scenes.
- Audio input.
- Chaser function: 1). Channel chase 2.) Scene chase 3). Speed control 4.) Flash/fader

Specifications

Power: DC12V/ 1A
 Protocol: DMX-512
 Digital signal connector: XLR 3-pin/ XLR-5pin/ RJ-12
 Dimension:
 CX-604/ CX-404: 200(W) x 53(H) x 186(D)mm
 CX-804: 273(W) x 53(H) x 186(D)mm
 CX-1204: 380(W) x 53(H) x 186(D)mm

Weight:
 CX-604/ CX-404: 1Kg
 CX-804: 1.5Kg
 CX-1204: 2Kg



CX-404

CX-604

CX-804

CX-1204

JUNIOR: 512CH DMX Console

- Saving 46 scenes which included 6 hot keys for scene recall.
- Synchronization with another console.
- Programmable chase function.



Specifications

Power: DC 12V/ 1A
 Protocol: DMX-512
 Digital signal connector: XLR 5-pin
 Dimension: 268(W) x 45(H) x 132(D)mm
 Weight: 1.5Kg

DP-240I: 24CH DMX Switch Pack

- 24 channels relays, dry contacts, NC and NO.
- Can store 8 scenes.
- Buffer time (0 second to 4 minutes) when switching to different channel.
- Delay time setting on channels to avoid surge current. (0 second to 30 minutes)
- Control scene manually or by DMX signal.



Specifications

Power: AC 100-240V
Protocol: DMX-512
Capacity: 10A per channel, total: 240A
Digital signal connector: 4-pin terminal
Dimension: 482(W) x 44(H) x 175(D)mm
Weight: 2.6Kg

DP-SW8II: 8CH Power Sequencer

- 8 channel sequences can be controlled manually by the front red switch or the rear 4-pin terminal.
- Input voltage measurement and switch shift adjustment.
- External terminal wiring can be used as fire control.
- 8 channel dry contact outputs, each channel can be set as On/Auto/Off mode.
- Each channel equipped with LED indicator.
- Can synchronize multiple DP-SW8II by EDX signal.
- Each channel can set 0.1-10 seconds as delay time.
- Remote monitoring and editing.



Specifications

Power: AC 100-240V
Output: 8CH, 20A per each, total: 60A
Protocol: EDX
Digital Signal Connector: 4-pin terminal
Dimension: 482(W) x 88(H) x 290(D)mm
Weight: 6Kg

DP-3A: 72CH DMX to Analog Decoder

- DMX signal to analog signal decoder.
- DMX start channel setting.



Specifications

Power: AC 100-240V
 Protocol: DMX-512
 Analog signal output: DC 0-10V (10mA)
 Digital signal connector: XLR 3-pin/ XLR 5-pin
 Dimension: 482(W) x 44(H) x 240(D)mm
 Weight: 2.7Kg

DP-81: DMX-512 Splitter (Photo-Isolated)



Specifications

Power: AC 100-240V
 DMX input: 1
 DMX output: 8
 Digital signal connector: XLR 5-pin
 Dimension: 482(W) x 44(H) x 116(D)mm
 Weight: 1.2Kg

DP-82: DMX-512 Mixer



Specifications

Power: AC 100-240V
 DMX input: 8
 DMX output: 1
 Digital signal connector: XLR 5-pin
 Dimension: 482(W) x 44(H) x 116(D)mm
 Weight: 1.2Kg

PS-1215: 12CH Switch Pack



Specifications

Power: AC 100-240V
 Capacity: 6A per channel, total: 15A
 Dimension: 482(W) x 44(H) x 105(D)mm
 Weight: 2Kg

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