

Model 2000DS Plug-in Digital Dimmer Operation Manual

Thank you for your confidence in our product. We would like to ensure that you obtain the best possible result from your investment. This operation manual will guide you step by step for the various functions of the Digital Dimmer.

Warning :

- To prevent fire or shock hazard, do not expose the unit to rain or moisture.
- The operating voltage is limited to 85~125Vac 50/60Hz. Don't use it in other voltage ratings.
- Indoor use only.
- The maximum output current is 3 Amp.
- To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

1. Installation :

2000DS is a 3 in 1 programmable digital dimmer with timer function, it includes 300W 0-100% in 5% step digital dimmer, up to 20 sets 7 days weekly memory and clock function. The fuzzy dimmer can be controlled via manual OUTPUT key control or 20 set memory of programmable timer. The friendly operation is done by plug the 2000DS into wall outlet then connect the electric appliance to its receptacle.

2. Key function :

- PROG/ENTER : Press this key to enter program mode or confirm the setting.
- CLOCK/DAY : The time and day setting key.
- HOUR : Hour setting key.
- MIN : Minute setting key.
- OUTPUT : Output status and buzzer ON/OFF select mode.
- RESET : Press this key 2 seconds to cancel all setting and re-start.

Note: There is an Auto-Repeat function key if it was pressed for more than one second continuously. This feature can simplify the data programmed operation.

3. To set programs :

- Press CLOCK/ENTER key "PROG" will appear at the left side of display. The digit below the "PROG" is program number.
- Press CLOCK/DAY key to select the program period. There are 15 settings for choice.

- Press HOUR key to set hour and press MIN key to set minute.
- Press OUTPUT key to select output status, can be OFF, 5%, 10%, ..., 95%, ON.
- Press PROG/ENTER key again to confirm the setting and enter next setting. After setting all 20 sets or as few as you like, press PROG/ENTER key until exit program.
- When timer come into operation, the program number will appear and flash one minute before.

4. To set current time and day :

- Please setup the current time and day if the timer or function is necessary for you.
- Press CLOCK/DAY key "CLOCK" will appear at the left side of display.
- Press CLOCK/DAY key again to select Monday, Tuesday Saturday, Sunday.
- Press HOUR key to set hour and press MIN key to set minute.
- Press PROG/ENTER key to confirm and exit.

5. Power output control :

- Direct manual OUTPUT key controlled output status.
- Press OUTPUT key to set output status from OFF 5% 10% 95% ON.
- Press OUTPUT key continuously the output percentage will automatic increase or decrease.
- You need to release the key if output status increase to ON or decrease to OFF.

6. To set buzzer :

- Press CLOCK/DAY key to enter CLOCK function and press OUTPUT key to select buzzer ON or OFF.
- When the symbol for buzzer appeared at the right side of display the buzzer "ON".
- Press PROG/ENTER key to confirm the setting.

Specification

| | |
|----------------------|---------------|
| Model | 2000DS |
| AC Voltage | 85V~125V |
| Frequency | 50/60Hz |
| Output current/watts | 3Amp/300Watt |
| Clock system | Week/12 Hours |
| Timer resolution | 1 Minute |

| | |
|---------------|---------------------|
| Timer memory | 20 Sets |
| Dimmer output | 0% 100% in 20 Steps |

Feature :

- Built-in rechargeable battery, it can still non-stop operation when AC line is failure.
- Direct Plug-and-Play design.
- Large size LCD display.
- The Fuzzy Dimmer can be controlled via direct manual OUTPUT key control or 20 set memory of programmable Timer.
- 20 sets weekly Timer memory each weekly memory can be one of the 15 built-in weekly operation patterns.

Weekly operation patterns

| | 一 | 二 | 三 | 四 | 五 | 六 | 日 |
|---|---|---|---|---|---|---|---|
| A | ✓ | | | | | | |
| B | | ✓ | | | | | |
| C | | | ✓ | | | | |
| D | | | | ✓ | | | |
| E | | | | | ✓ | | |
| F | | | | | | ✓ | |
| G | | | | | | | ✓ |
| H | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| I | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| J | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| K | | | | | | ✓ | ✓ |
| L | ✓ | | ✓ | | ✓ | | |
| M | | ✓ | | ✓ | | ✓ | |
| N | ✓ | ✓ | ✓ | | | | |
| O | | | | ✓ | ✓ | ✓ | |

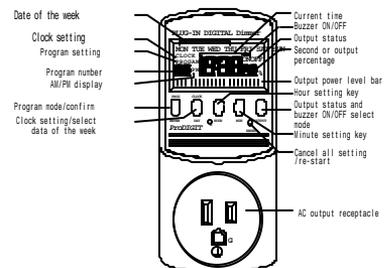


Figure 1 2000DS Front panel function description

Program Dimmer table

| | 一 | 二 | 三 | 四 | 五 | 六 | 日 | % | ON | OFF |
|----|---|---|---|---|---|---|---|---|----|-----|
| 01 | | | | | | | | | | |
| 02 | | | | | | | | | | |
| 03 | | | | | | | | | | |
| 04 | | | | | | | | | | |
| 05 | | | | | | | | | | |
| 06 | | | | | | | | | | |
| 07 | | | | | | | | | | |
| 08 | | | | | | | | | | |
| 09 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |

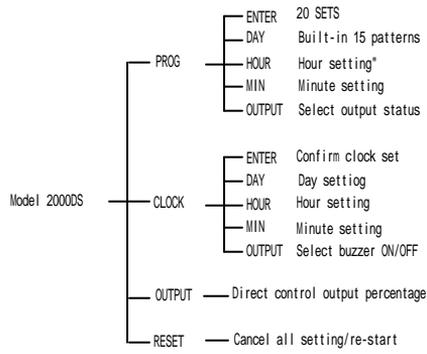


Figure 4 2000DS Function configuration table

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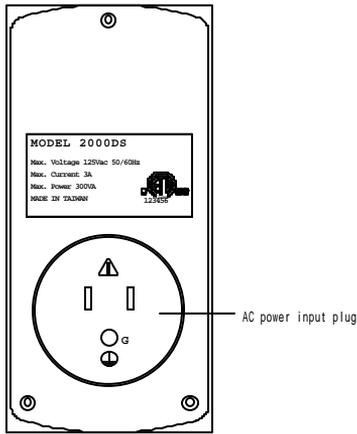


Figure 2 2000DS Rear Panel

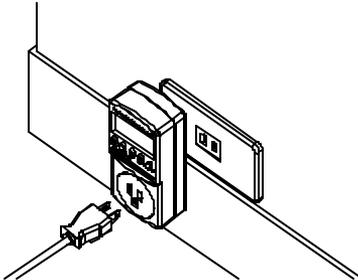


Figure 3 2000DS Installation