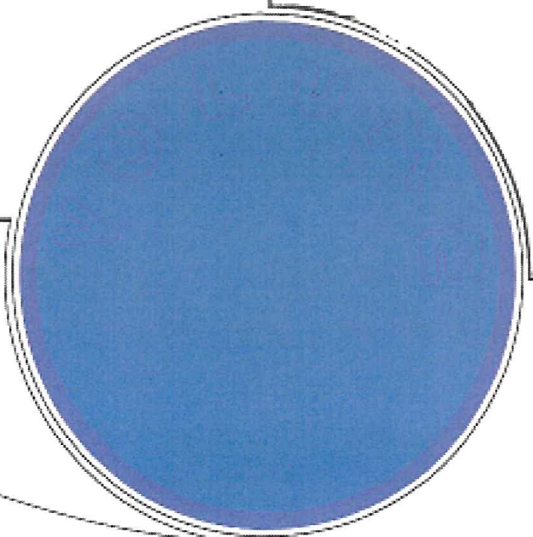


design by Mr. K

**High Quality Linear Power Supply With  
Anti-Common Mode Noise  
Model No.: ONE LPS LPS-06  
Owner's Manual**

**ONE LPS**

design by Mr. K



**High Quality Anti-interference Common Mode Linear Power Supply.  
Model # : ONE LPS LPS-06**

**User's Handbook.**

**Introduction.**

Thank you for purchasing our company's sound equipment This product ia a High quality Anti-Interference Common Mode Linear Power Supply. This product has a higher quality and a break through design as compared to any other commonly available linear power supply. Its features can satisfy all music lovers, please read through the hand book to get to know its capability.

**Preface.**

This hand book can provide information on this product's installation, operation and capability. Please kindly go through all details in this handbook before installation and use, also please retain it for future reference.

Listed below are the vital information obtainable in this handbook.

- 1) Product overview: Specification, main functions and system required.
- 2) Installation and Connection: Instruction and illustration.
- 3) Function and Features: Programming and Operation.
- 4) Warnings and Precaution.
- 5) Warranty and Services.

**CE Declaration.**

The operation of our product complys with the following condition.

- 1) Our product will not cause interference to othe equipment or appliances.
- 2) Our product can withstand all incoming interference, including abnormal ones.

Manufacturer declares that the installation instruction of our product conforms to the EMC basic protection requirement (2014/30/EU) and Common product safety requirement (2014/35/EU).

**Pack contents details:**

- 1) ONE LPS LPS-06 Power Supply x1pcx
- 2) 13A [power cord 1 pc.
- 3) 2.1mm >2,1mm DC power cable x 4pcs
- 4) 2.5mm > 2.5mm Dcpower cable x2 pcs
- 5) 2.1mm > 3.5mm DC Socket Adapter x 1 pc
- 6) 2.1 mm > 4.0mmDC Socket Adapter x 1pc
- 7) 2.1mm >4.8 mm DC Socket Adapter X1 pc
- 8) Owner's handbook x 1 pc.

**Installation instruction.**

Please read the instruction thoroughly before installation.

Avoid placing the product in high temperature environment such as under direct sunlight or any source of heat, including heat disperser, heater, fire place and amplifier.

Put the our this product at least 5 cm from the wall and other esquipment to prevent our product from being interfered by their frequency.

When placing our product inside a cabinet , please ensure there is a 10cm gaps from all sides.

Not to put this product in humid environment such as bathroom or kitchen.

Protect the product from viberation or expose it to dusty, extremely cold and wet environment.

**AC Voltage**

Ensure the voltage selected is absolutely correct in the 115V/ 230V voltage selector switch located at the rear plate of our product before it is plugged in for power.

Serious damage to the product can result if the voltage is selected wrong.

At the 115V position, our product can work safely between the voltage of 110v to 125v , meaning that it is the correct voltage for areas like north America, Mexico and Taiwan. In certain countries like Brazil, voltage differs from region to region. Most other countries use 230v, our product can safely run between 220 to 250v .

please note that if the AC voltage at the selector is changed, the value of the fuse at the rear panel must also be changed. Our product operates on 50 Hz or 60 Hz AC.

Please note that,

1) Our warranty will not cover any damage to our product due to a wrongful selection of voltage.

2) Our company also will not be responsible for any damage to our product or other equipment as a result of a wrong selection of voltage.

## **Connection to power**

### **Attention:**

Always unplug the AC cord to disconnect the power supply to our this product before putting or changing any input, output or any other connections. Plugging in or removing an input or output cable while our this product stays turned on can damage it, hence you should make sure the cord to the power and the cables connected to all the equipment have plenty of slack length to prevent them from being pulled off accidentally.

Also take care of putting all components near to each other to avoid the trouble and difficulties of using long cables for lengthy connections.

### **The Power Cord.**

The AC cord supplied with our product is a high quality IEC type of cord. Please plug it directly into an AC wall outlet or power regulator to ensure there is a continuous non- disruptive supply of power. If our this product is plugged together with other appliances using a multi plug adaptor or an extension cord having multiple sockets, an interference of humming noise may occur.

## Specification Details:

|                            |  |
|----------------------------|--|
| Output Voltage and Current | Zone I: 5V/7V/9V/12V, 2A<br>Zone II: 5V/9V/15V/19V, 4A<br>Zone III: 12V/15V/19V/24V, 6A<br>Zone IV: 12V/15V, 10A<br>Zone V: 5V/7V/9V/12V, 2A<br>Zone VI: 12V/15V/19V, 4A |
| Area of use                | 1) Hi-Fi equipment<br>2) Network and Communication equipment<br>3) Computer equipment  |
| Ripple noise               | <-65dB   |
| Output Power               | Standby : 25 Watts   |
|                            | Maximum : 650 Watts  |
| Chassis                    | Aluminium and Iron   |
| Dimensions(LxWxH)          | 265 x 420 x 114 mm   |
| Weight                     | Net Weight : 12.30Kg   |
|                            | Gross Weight : 14.80Kg   |

### Pre-programming the preferred on/off settings.

Follow the steps in the following table to preset the brightness of the panel according to your preference.

After switching on the product first time, press the PROG key for 2 seconds, and release when the blue LED stays on. Then one second after, press the PROG key again till the blue LED is off, then a presetting is done.

The level of the penal brightness is to be set according to sequence and the number of times the DIM is pressed listed in the following table.

| Light Diming Cycle         | Front Panel Illumination | LED Light Degree |
|----------------------------|--------------------------|------------------|
| Turn ON                    | 100%                     | 100%             |
| Push 1 <sup>st</sup> time  | 80%                      | 80%              |
| Push 2 <sup>nd</sup> time  | 10%                      | 10%              |
| Push 3 <sup>rd</sup> time  | 100%                     | OFF              |
| Push 4 <sup>th</sup> time  | 80%                      | OFF              |
| Push 5 <sup>th</sup> time  | 10%                      | OFF              |
| Push 6 <sup>th</sup> time  | OFF                      | 100%             |
| Push 7 <sup>th</sup> time  | OFF                      | 80%              |
| Push 8 <sup>th</sup> time  | OFF                      | 10%              |
| Push 9 <sup>th</sup> time  | OFF                      | OFF              |
| Push 10 <sup>th</sup> time | Back to 100%             | Back to 100%     |

### **Preprogramming the sequence of Multi-frequency voltage output.**

The steps of using the blue turning knob for power on/off and the keys for setting the frequency output function.

Our this product has six voltage output frequencies. The outputs of I to IV can be controlled either by their individual corresponding keys, or by a procedure using the PROG key to achieve the personalized setting. The frequency output of V and VI however can only be controlled by the blue on/off turning knob, and not under the control of the programming PROG keys.

- Pre-setting example: The frequency output II and blue on and off switch knob are to be turned on simultaneously. Then set to activate the frequency I output, and then set to activate frequency III output, while the frequency IV output is set to be off.

- Presetting Method : Press the Frequency II output key, to on the blue indicator light, then press the PROG key for two seconds till the blue indicator light stays on to enter the pre-programming mode. Press the key for frequency output I to turn on the blue indicator light, then press the key for frequency output III to turn on its blue indicator light. Frequency output IV is not to be activated to preset, the orange light stays on. After these steps, then press the PROG key again till the PROG blue indicator light is off, the personalized pre programming is now completed.
- The result of the pre-setting : Now when the product is switched on again, the output sequence will be according to the way it is preset. When turning the blue on and off knob to switch it on, The output frequencies of II, V and VI will be on simultaneously. Then pressing the PROG key, I and III frequency outputs will be activated according to the way they are set. And frequency output IV will not be on, exactly according to the way it has been preset to realize a sequential start. When the PROG key is pressed again once, the off sequence will be reversed, the frequency output III will be off first, then the Frequency output I.

**Presetting the total switch on function :**

Press on the blue indicator lights of I, II, III, IV frequency output, then press the PROG key for 2 seconds to turn on the blue light to complete the programming. When the product is switched on again, the personalized setting of activating a total all output can be realized.

**Important Safety Issues and warnings:**

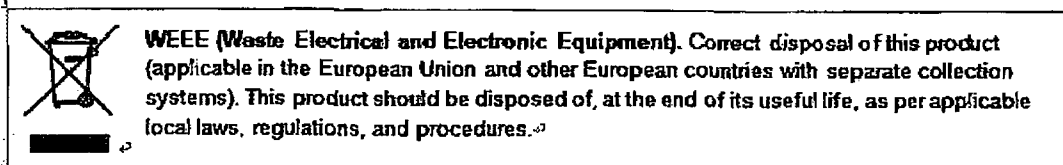
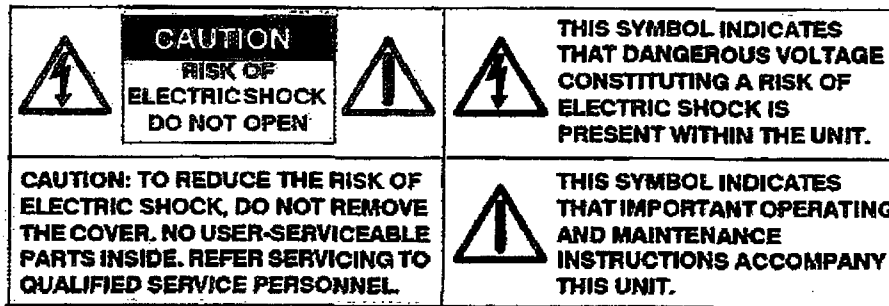
- 1) Must disconnecting the power supply under the following circumstances..
  - a) Abnormal noise is heard coming out from the product.
  - b) When any item or liquid accidentally falls into the product compartment.
- 2) Never open up the compartment to expose the electronic components or dismantling the product. It may cause danger and there is no repairable parts in the compartment.
- 3) The product can only be repaired by our own technicians, never by yourself. Defective or damaged product must be returned to our company for service.

- 4) The use of this product must conform to the local rules and regulation in order to keep your warranty valid.
- 5) Never expose the product under rain and wet environment to avoid fire hazard.
- 6) Never use any flammable spray near to the product, as that will cause damage to the surface of the outer case.
- 7) Do not place the produce in extremely dusty and humid environment.
- 8) Do not operate the product under the room temperature lower than 0 degree Centigrade or over 30 degree Centigrade.
- 9) Do not put the product near to sources of powerful radio or TV transmission frequency.
- 10) Do not connect a few appliances onto one same output channel, to avoid causing unpredictable damages to the appliances connected.
- 11) Do not put items added up to more than 3 kg of weight over the product.
- 12) Never use abrasive cleaning agent to clean this product.
- 13) Never use this product unsupervised, and keep children from going near to avoid danger.
- 14) Never put the product within 10cm distance near to any isolating transformer or power amplifier.
- 15) Handle with care and put the product on a flat solid surface that will adequately support its weight.
- 16) Ensure the power plug is firmly and completely in the socket to avoid electric shock and fire due to overheat.
- 17) Do not stack the product directly on top of a power amplifier, or a power supply, or put it directly under another appliance.
- 18) When the product is put on a shelf inside a cabinet, a distance of at least 10 cm must be kept on 4 sides.



19) When the product's loading exceeds 50% , it needs good ventilation or it will enter into over heat protection mode and shuts down.

20) The product cannot be put or operate inside a completely enclosed cabinet without ventilation. Even in a cabinet with the front and the back open , a ventilation fan is recommended to prevent stagnant hot air from building up to form a "hot spot".



### Terms of the Warranty :

Our company will provide a two year conditional warranty starting from the proven date of purchased under the following terms. Please note that our warranty covers or does not cover the followings.

- 1) Our warranty covers only the replace or repair the functional components of our product when it is under normal operation.
- 2) Our warranty does not replace nor repair the accessories such as cables and cords, nor the outer case.
- 3) Our warranty covers only our product proven to be purchased from our authorized distributors or authorized resellers.
- 4) Warranty covers only functional parts and components inside the product but not the natural cosmetic wear and tear.
- 5) Warranty does not cover damages incurred as a result of using and operating the product not as it is meant for or for the purposes it is built for indicated in this manual.

- 6) Warranty does not cover incorrect operation contradicting to the instructions in this manual.
- 7) Warranty does not cover damages due to improper connections and installation, using the accessories or component not provided for with the product by our company.
- 8) Warranty does not cover for any damages caused as a result of any changes and modification owners make to the product.
- 9) Warranty does not cover damages as a result of the product being repaired by technicians or shops that have not been authorized or certified by our company.
- 10) The warranty does not cover any damages caused by any negligence to the warnings and attention alerts given to users in this manual.
- 11) The warranty does not cover the shipment cost of receiving and returning the unit for repair.

### **Contact Details**

When you need warranty service, you can contact us through the following means:

Telephone : (+852) 2889 1924

Fax : (+852) 2889 2493

E-mail : [info@designbymrk.com](mailto:info@designbymrk.com)

Facebook : <http://www.facebook.com/Design-by-Mr-K-386812875128890>

Website : [www.designbymrk.com](http://www.designbymrk.com)

Preliminary instruction manual.

Data may be changed without notice

Date: 15<sup>th</sup> March 2023. Version 1.4

*Design by mr.k*

