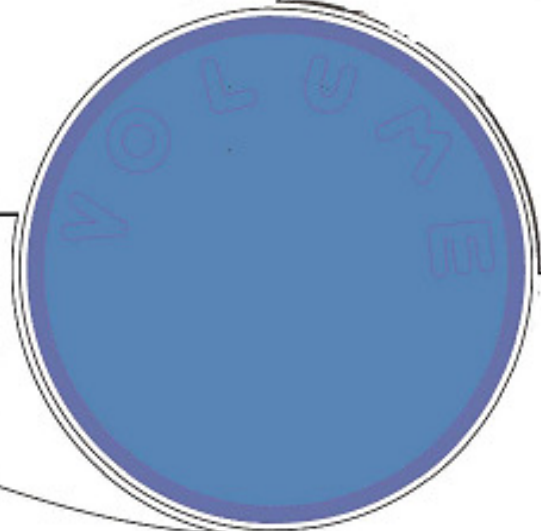


design by Mr. K

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

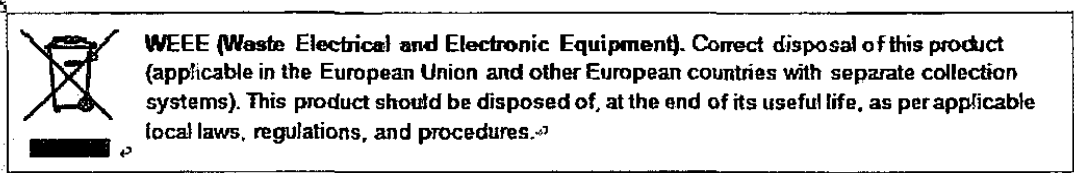
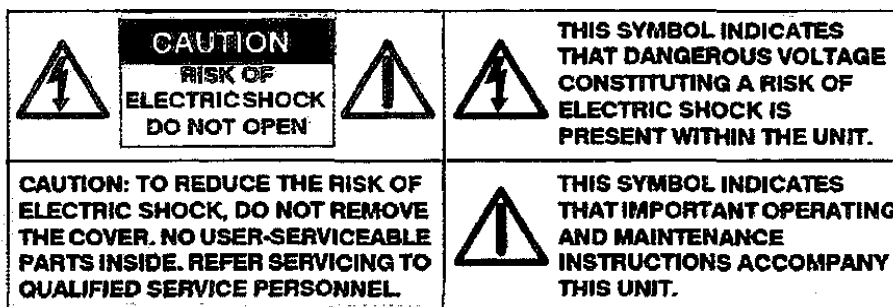
ONE LPS

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Warning

- 1) Installation and service should be performed only by qualified and experienced technicians and comply with all local codes and rules to maintain your warranty.
- 2) To reduce the risk of fire or electric shock, do not expose the product to rain or moisture.
- 3) Do not apply benzene or thinner to the case, which may cause the surface of unit to be melted or fogged.
- 4) Avoid operating or storing the unit in the following locations:
Extremely humid, dusty, or hot/cold environments
(recommended operating temperature: 0 °C to +20 °C) Close to sources of powerful radio or TV transmitters.



Get Started

This user manual is designed as a reference for the installation and manipulations of the unit including the product's features, functions. Please read this manual thoroughly and save it for future use before attempting to connect or operate the unit. The reader is supposed to be able to get the following information in this manual.

- 1) **Product Overview:** the main functions and system requirements.
- 2) **Installation and Connection:** instructions on unit installation and wire connections.
- 3) **Administration and Configuration:** the main menu navigation and controls explanations.

CE Statement

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. The manufacturer declares that the unit supplied with this guide is compliant with the essential protection requirements of EMC (2014/30/EU) Directive and General Product Safety (2014/35/EU) Directive.

Pack Contents

- 1) ONE LPS LPS-06 x 1pc
- 2) 13A AC Power Cable x 1pc
- 3) 2.1mm > 2.1mm DC Power Cable x 4pcs
- 4) 2.5mm > 2.5mm DC Power Cable x 2pcs
- 5) 2.1mm > 3.5mm DC Socket Adapter x 1pc
- 6) 2.1mm > 4.0mm DC Socket Adapter x 1pc
- 7) 2.1mm > 4.8mm DC Socket Adapter x 1pc
- 8) Owner's Manual x 1pc

Important Safety Instructions

Note: Please read the following instructions carefully before operating your ONE LPS LPS-06.

If any issue occurred as below, please cut off any wire connected to ONE LPS LPS-06 immediately .

- 1) Water or other liquid is flowed into the inside of unit .
- 2) Unusual sound came out from the unit .

DON'T OPEN OR REMOVE ANY PARTS

Don't open the cover of ONE LPS LPS-06 to expose the electronic components inside , and no any parts can be repaired by user .

NOTE :

the ONE LPS LPS-06 is an equipment for industry , it should be worked under 20°C room temperature , and when loaded over 50% full loading , recommended operating environments with very good ventilated equipment cabinet or compartment & place this device over 10cm next to surround objects . otherwise , it may be shutdown by going to over temperature protect mode .

AC Mains Voltage

Make sure the 115V/230V Voltage Selector switch on the ONE LPS LPS-06 rear plate is set for the correct AC line(mains) voltage before you plug in the power cord. It can be seriously damaged if this switch is set for the wrong AC mains voltage.

In the 115V position the ONE LPS LPS-06 can safely operate with AC Line voltages between 110-125V which is correct for North America, Mexico, and Taiwan. In some countries, such as Brazil, AC voltages differ by region. Most other countries require setting it to 230V. With the 230V setting the ONE LPS LPS-06 can operate safely with AC line voltages between 220-250V. If the AC Voltage Selector is changed the rear panel fuse value must also be changed. The ONE LPS LPS-06 operates on 50Hz or 60Hz AC.

AC Power Cord

The AC cord supplied with your ONE LPS LPS-06 is a high quality IEC type cord. Please connect it directly to an AC wall outlet or power conditioner that is always “live.” If possible, plug your ONE LPS LPS-06 and other components, (including a TV or video projector) the ground potential may be higher or lower between the outlets, resulting in audible hum .

Connections

Always disconnect the AC cord to your ONE LPS LPS-06 before making or changing any input, output or connections. Inserting or removing an input or output cable while the ONE LPS LPS-06 is turned on damage your equipment. Make sure there is no strain or tension on any cables that could cause them to pull loose.

NOTE :

An ONE LPS LPS-06 or other equipments that has been damaged by wrong connection to the incorrect AC mains voltage or select wrong output voltage/current is not covered by our company warranty.

Installation Instructions

Please read through the following instructions for the first-time installation.

Placement

Place the ONE LPS LPS-06 near to the source, input or output components when connecting your LPS-06 to the system. That can minimize the negative effects of long cable connections .

NOTE :

Don't connect too many equipments at the same output channel , maybe damaged any unit connected . It's not covered by our company warranty.

- **DO NOT** attempt to place any heavy objects (> 3kg) on top of this device.
- **DO NOT** attempt to repair this device. If repair is needed, please contact us. Contact details are listed in the last session.
- **DO NOT** expose this device to extremely high or low temperatures.
- **DO NOT** operate this device with the cover removed.
- **DO NOT** allow any liquid to contact the device.
- **DO NOT** use this device without authorizations. Keep it away from children
- **DO NOT** place this device within 10cm next to the isolation transformer or power amplifier.
- Place the ONE LPS LPS-06 on a surface that will adequately support its weight.
- Use input and output cables that are long enough to leave some slack; that will enable you to pull the ONE LPS LPS-06 out of a cabinet to check or to change connections without inadvertently disconnecting cables.
- *The ONE LPS LPS-06 should never be placed in a completely enclosed cabinet.*
- Always position the ONE LPS LPS-06 horizontally.
- The ONE LPS LPS-06 should never be stacked directly above another power amplifier and power supply or directly below another component.
- Do not install the ONE LPS LPS-06 in an unventilated equipment cabinet or compartment. Pockets of stagnant hot air can build up even in a cabinet with an open front and back. A ventilation fan is recommended to prevent “hot spots” in confined spaces.

Introduction Of The High Quality Linear Power Supply With Anti Common Mode Noise ONE LPS LPS-06

Our company thanks you for purchasing the High Quality Linear Power Supply With Anti Common Mode Noise ONE LPS LPS-06. Our

ONE LPS LPS-06 is of a high quality range and a breakthrough in the design of Linear Power Supply With Anti Common Mode Noise.

Its performance can satisfy all music lovers. Please be informed of its key features below.

Specifications

Output Voltage and Current:	Zone I: 5V/7V/9V/12V, 2 A. Zone II: 5V/9V/15V/19V, 4A. Zone III:12V/15V/19V/24V, 6A. Zone IV:12V/15V, 10A. Zone V: 5V/7V,/9V/12V,2A. Zone VI:12V/15V/19V, 4A.
Applications:	1. Equipment for industry. 2. Machine protection. 3. Measurement devices, test gear. 4. Medical environment.
Ripple Noise :	<-65dB
Power Requirement :	Standby: 25 Watt
	Maximum: 650 Watts
Casing :	IRON
Dimension L x W x H (mm) :	265 x 420 x 114mm
Weight :	Net Weight : 12.30KG
	Gross Weight :14.80KG

- **6 Channels Voltage Output With Wide Range**

Output Voltage and Current:

Zone I: 5V/7V/9V/12V, 2 A. Zone II: 5V/9V/15V/19V, 4A.
Zone III: 12V/15V/19V/24V, 6A. Zone IV: 12V/15V, 10A.
Zone V: 5V/7V/9V/12V, 2A. Zone VI: 12V/15V/19V, 4A.

- **Multichannel Voltage Output Set Up**

Available to customize the status of Power On , such as Power On/Off programmed & the brightness of Meter Panel back light can be programmed to adjust .

When power on your ONE LPS LPS-06 first time , turn on the o/p channel selected by you , then press & hold PROG switch button about 2 seconds , lighting on PROG blue LED indicator , press PROG switch button again after 1 second , PROG blue LED off and complete the unit power on set up customized .

- **Meter Panel Brightness Control Mode**

When main power on ,the meter panel lamp & LED lighting on with 100%brightness , the brightness changed to 80% after pressing DIM button once , and then changed to 10% after pressing DIM button once again ; and the meter panel lamp lighting on with 100% brightness & LED off when press DIM button 3rd , the meter panel lamp brightness changed to 80% & LED off after pressing DIM button once again and then changed to 10% & LED off after pressing DIM button again , and going to another status with the meter panel lamp off & LED on 100% brightness when press DIM button again , and then LED on 80% brightness with the meter panel lamp off after pressing DIM button again and LED brightness changed to 10% & the meter panel lamp off when press DIM button again , and the meter panel lamp & LED all off after pressing DIM button once again , and return to first state with the meter panel lamp & LED lighting 100% brightness when press DIM button again .

- **Advanced Version With Automatic Learning Function**

The unit with 6 outputs , the fifth & sixth O/P are controlled by

main power switch on/off and the first to fourth o/p can be controlled by program .

Turn on the 2nd o/p blue LED , then program blue LED on after press & hold the PROG switch button about 2 seconds , the program schedule : turn on the 3rd o/p blue LED first and then turn on the 1st o/p blue LED, the fourth o/p is no output with red LED on , then press PROG switch button again to end program with program blue LED off . In this case , the 1st ,2nd ,3rd , fifth & sixth are with output and the fourth no output , and the 1st & 3rd is no output when press PROG switch button once , and the 1st & 3rd is with output when press PROG switch button once again . Thus the 1st & 3rd o/p can be controlled by PROG switch button , but the 2nd o/p is on & fourth o/p is off always , the case is same as when main power switch OFF and then ON .

- **All Output Turned On Mode**

Turned on all o/p indicator blue LED first , and then press & hold PROG switch button 2 seconds to finish the unit programmed , all o/p with all blue LED indicator lighting on even though main power switch OFF & then ON .

Warranty and Contact Details

The ONE LPS LPS-06 is covered by a two years warranty plan from the date of purchase under normal circumstances.

- **Warranty Coverage**

The warranty provided by our company in this statement applies only to product purchased from our authorized distributors and authorized resellers. Warranty coverage commences from the date of purchase.

Our company *warrants* the Product according to the following terms:

- a) Against defects in material or workmanship only, but *not* Product appearance.
- b) *not* the cost of shipping or transportation for maintenance.

- **Warranty Limitations**

This warranty shall not apply when:

- a) Defects caused by the operation outside the usage parameters stated in the owners manual.
- b) malfunctions caused by misuse or abuse, improper installation, operation or maintenance, improper connections or peripherals, use of spare parts not from this company, service modifications or repair performed by a person not authorized by us or other conditions unrelated to defects in Product material or workmanship.
- c) Malfunctions or failure caused by accidental or intentional damage.
- d) Defects resulting from normal wear and tear.

- **Contact Details**

If you believe you need warranty service, please contact us through the following means:

Telephone: (+852) 2889 1924

Fax : (+852) 2889 2493

E-mail : info@designbymrk.com

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

Website : www.designbymrk.com

Preliminary instruction manual.

Data changed without notice.

Date: 1st September 2022. Version 1.1

Design by mr.k

