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PROFESSIONAL AUDIO

POWER SEQUENCER RACK POWER

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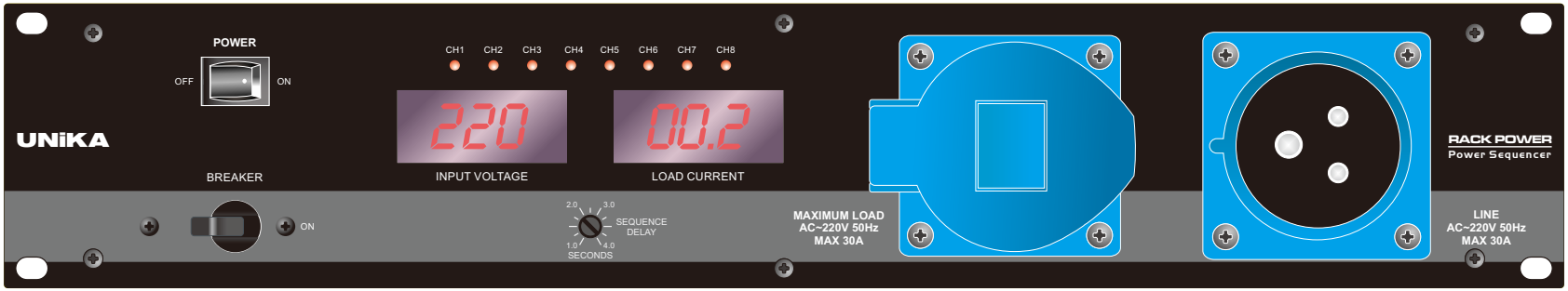


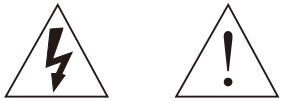
USER INSTRUCTIONS

This booklet contains important information concerning the proper and safe operation.

Important Precautions

- Read all operating instructions before using this equipment.
- To reduce the risk of electrical shock, do not open the unit.
- There is NO USER REPLACEABLE PARTS INSIDE. Please contact the UNIKA Service Department or your authorized dealer to speak to a qualified service technician.
- DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. Operators of electronic equipment should in no way be in contact with water.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

Features

Power sequencing is needed whenever various kinds of equipment must be powered up or down in groups, rather than all simultaneously. In audio systems, sequenced powering is often necessary to allow turn-on transients from low level amplifiers and processors to settle down before any power amps are turned on, because simultaneous powering would result in a loud, annoying, and potentially destructive “pop” reaching the speakers. And in any large system whose components present a large inrush load to the AC line (Including electric motors, power supplies, and power amplifiers of all kinds), sequenced powering can avoid excessive inrush currents that cause circuit breakers to trip even though the steady-state currents are not excessive.

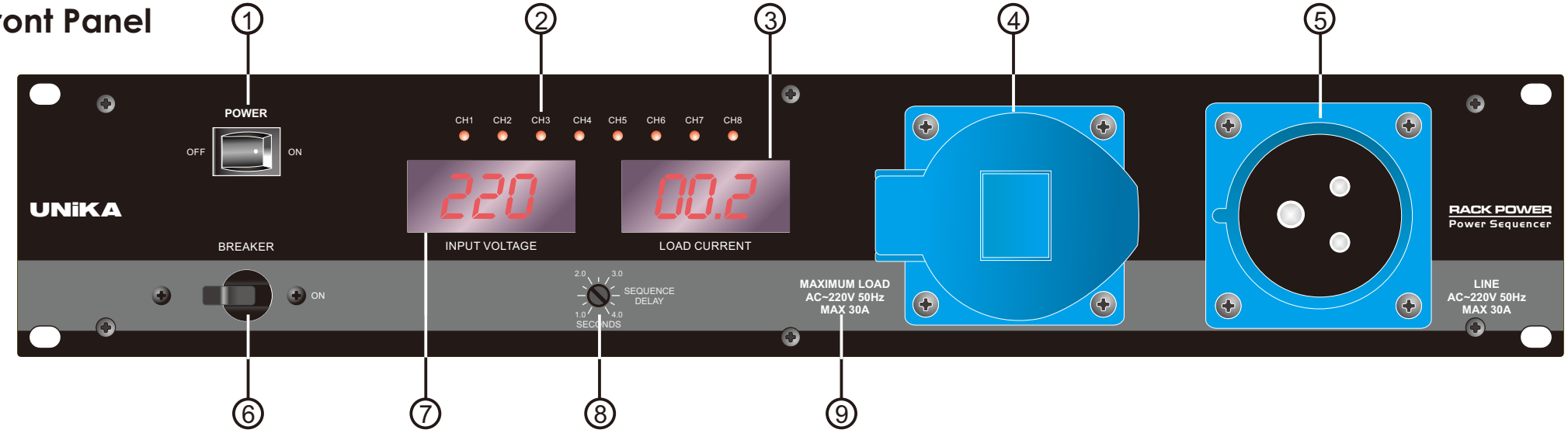
The RACK POWER allows you to control the power up and down sequence in a system to minimize turn-on transients and the damage that they may cause, Sequencing power on also smooths out inrush currents.

The RACK POWER provides controlled power sequencing to 8 rear AC outlets, each outlet is delayed by a fixed amount that is determined by the front panel sequence delay control.

The RACK POWER is also full-featured with fast acting breaker to protect your system, a front panel LED display gives you a constant read of AC line input voltage and output load current.

The RACK POWER is designed to sequence and protect a wide range of equipment from sensitive tube preamps to powered speakers, large displays, or digital systems, your equipment will sound and work better and live longer.

Front Panel



1. Power Switch: Press this POWER push button to initiate the sequence to turn on the outlets in order from CH1 to CH8 when sequencing on, and turn the outlets off in the reverse order from CH8 to CH1 when sequencing off.

2. Outlet Circuit: These 8 LED's indicate the status of circuit from CH1 ~ CH8.

3. Output Load Current: This large size of LED display indicates output load current.

4. High Current Outlet: User can easily to use the plug (figure-1) for safety connection to the 2nd RACK POWER or other device.

5. High Current Inlet: User can use the connector (figure-2) for safety connection to the mains input power.

6. Circuit Breaker: This is a 30A fast acting main circuit breaker for the device's power ON/OFF control and it also serve as current overload protection.

7. Input Voltage: This large size of LED display indicates input voltage.

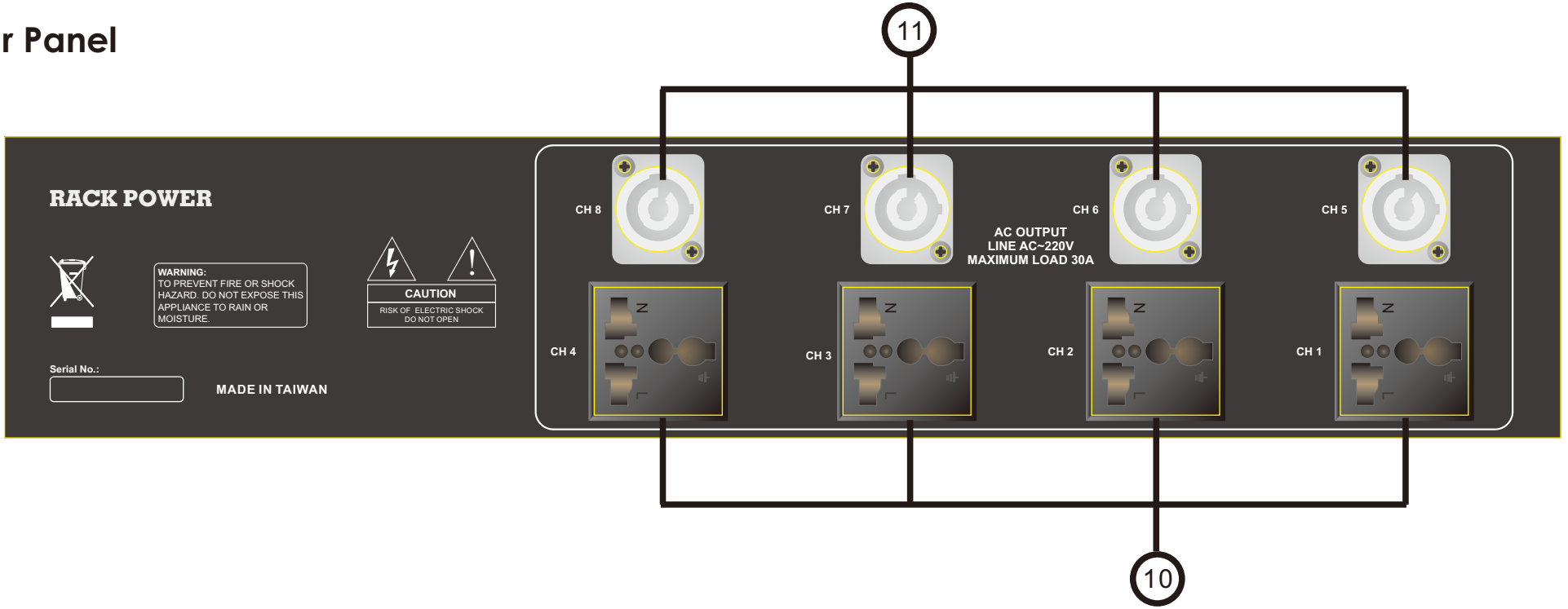
8. Sequence Delay: The 8 AC outlets on the rear panel are able to sequentially power on or power down. The sequence delay interval is user-adjustable from 0.4sec to 5sec via the trimpot on the front panel.

9. AC Mains operating voltage 120Vac/60Hz or 220Vac/50Hz single Phase, Mains operating voltage of the device need to be specified upon order.

(Figure-1)

(Figure-2)

Rear Panel



10. CH1 ~ CH4 Power Outlets: 3 prongs universal AC outlet rated @13A 250Vac.

11. CH5 ~ CH8 Power Outlets: Powercon AC outlet rated @20A 250Vac.

Remarks:
As this is a high power device which only with 1pc each of the input and output plugs are included (as figure-1~2 on page 3), the AC cable is up to the actual requirements at end user's cost.

Operating Instructions and Specifications

1. Maximum total load current: 30 AMPS.
2. AC Mains operating voltage 120Vac/60Hz or 220Vac/50Hz single Phase, Mains operating voltage of the device need to be specified upon order.
3. Eight power outlets on the rear panel, 4 pcs of Powercon AC outlet rated @ 20A 250Vac and 4 pcs of 3 prongs universal AC outlet rated @13A 250Vac.
4. The 8 AC outlets on the rear panel are able to sequentially power on or power down, the sequence delay interval is user-adjustable from 0.4sec to 5sec via the trimpot on the front panel.
5. 8 LEDs on the front panel show status of each circuit.
6. Large size of LED display for Input voltage and Output load current indication
7. Blue 32A 3 Contact High Current Straight Inlet and Outlet front Panel mount sockets for the ease and safety connection of the mains input power.
8. Use the Blue 32A 3 Contact High Current In-line Socket for mains input power cable connection (as figure-3).

Blue 32A 3 Contact High Current In-line Socket.

(Figure-3)

Blue 32A 3 Contact High Current In-line Plug.

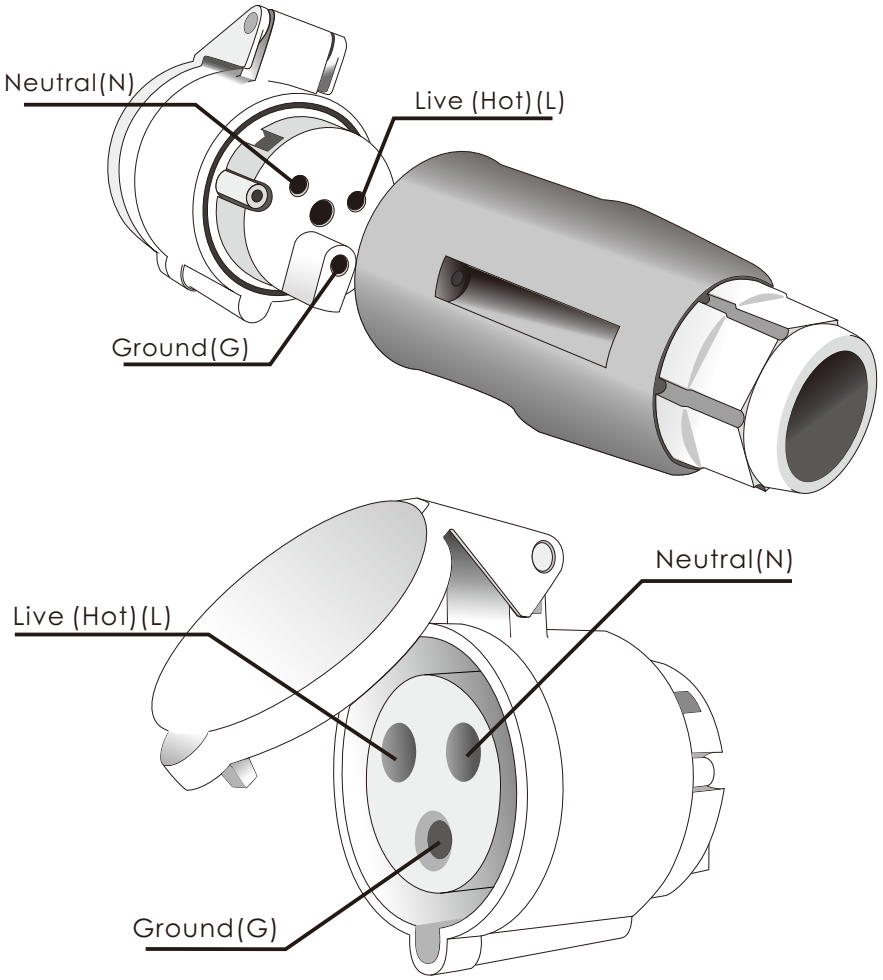
(Figure-4)

9. Use the Blue 32A 3 Contact High Current In-line Plug for mains power link cable connection (as figure-4).
10. A 30A fast acting main circuit breaker for the device's power ON/OFF control and it also serve as current overload protection.
11. Press the POWER push button to initiate the sequence to turn on the outlets in order from CH1 to CH8 when sequencing on, and turn the outlets off in the reverse order from CH8 to CH1 when sequencing off.
12. Dimensions: 2U rack mountable, 88mm (H) x 483mm (W) x 313mm (D)
13. Weight (N.W):6.2 KG
14. Power Consumption (No Load): 11 Watts

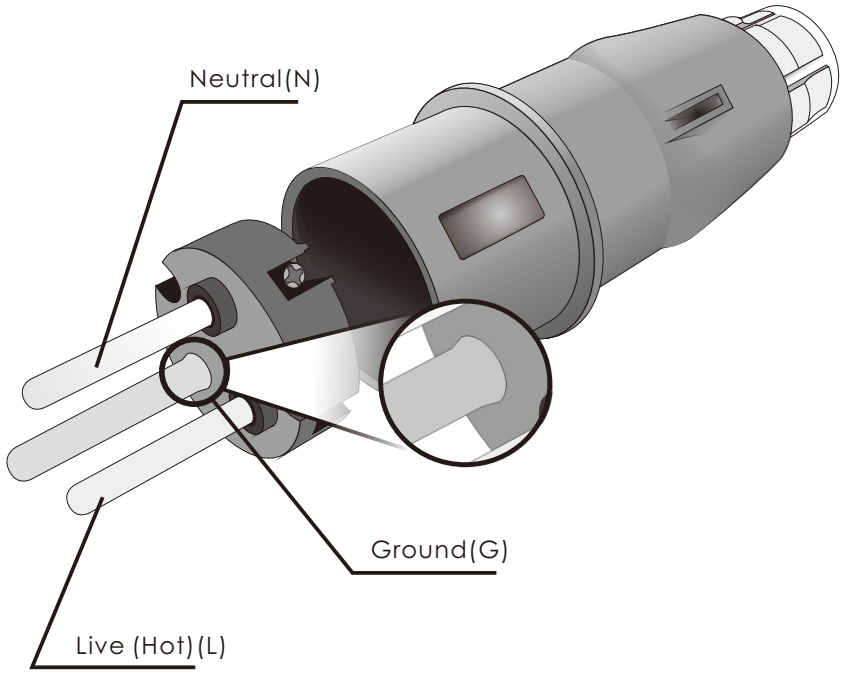
CONNECTOR AND PLUG ASSEMBLY

Each set of RACK POWER includes 1 piece each of the input connector and output plug. Please see the following drawings to assemble these connector and plug.

1.For input connector



2.For output plug



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