

USER MANUAL FOR DISTRO DESIGN POWER DISTRIBUTION UNITS

USE

Designed for use in the TV, Film, Entertainment & Events Industry, and some Construction sites.

Our Power Distribution Units (PDU) should be used by competent users or suitable instructed persons.

Units are made from HDPE PE300 FR Polyethylene or Polystone G PE300 Polyethylene. Commodity Code 3920108990

Designed and Manufactured in the UK in conformance with the Low Voltage Directive DIN EN 61439-1 & DIN EN 61439-4 and rated to a minimum IP44

BEFORE USE

A PDU must always stand upright and never left with sockets facing upwards.

A PDU must never stand in water deeper than 20mm or left in areas prone to standing water.

To prevent overheating a PDU should be placed in a shaded location and not against a wall, to allow air to circulate.

Ground all equipment properly.

Perform a visual inspection to ensure no obvious damage to the unit including protective covers and power cables.

Ensure the mains power and any RCBO & RCD are in the 'off' position.

Check that the rating of the circuit supplying power to the PDU is in accordance with the national and local electrical legislation.

DO NOT EXCEED the voltage rating of the PDU as identified on the rating plate attached to the PDU.

Connect equipment to the supply circuit carefully to avoid overloading phases.

Once mains power is engaged, perform a trip test on any existing RCBO & RCD, check that meters and neon's are functioning.

STORAGE

A PDU less than 500mm can be stacked provided that the unit is fitted with stacking fittings. A PDU above 500mm high **should not** be stacked.

Troubleshooting Guide

If there is no power

1. Ensure that connections are in place and tight
2. Ensure that power source is live .
3. Ensure that circuit breakers are 'I/ON'.
4. If a circuit breaker trips, identify source of short circuit or overload, and correct before resetting circuit breaker
 - a). Check to see if the circuit is overloaded and reduce loads as necessary.
 - b). Check for short circuits in the cabling or load device and correct as necessary.
5. For those PDU'S that include a RCBO's: Ensure the RCBO's are set by pressing the 'RESET' button
6. If a RCBO trips, identify source of current leakage and correct before resetting the RCBO
 - a). Check to see if the circuit is overloaded and reduce loads as necessary.
 - b). Check for short circuits in the cabling or load device and correct as necessary.
7. If there is still no power: Remove PDU from use.

Contact Distro Design for next course of action. For any questions or technical advice, please call 01344 884988

ADDITIONAL INFO

Once the PDU has been used it is the responsibility of the owner to perform regular safety testing Distro Design is not responsible for damage to the product because of accidental or incorrect use misuse or abuse or modifications of this product or events outside of reasonable control of Distro Design or not arising under normal operating conditions.

