POWER DISTRIBUTION CENTER

datavideo

Universal Power Solution for Mobile Video

PD-3

POWER AC INPUT
100~240VAC
50/60Hz
FUSE RATING
6A/250V

POWER OUT
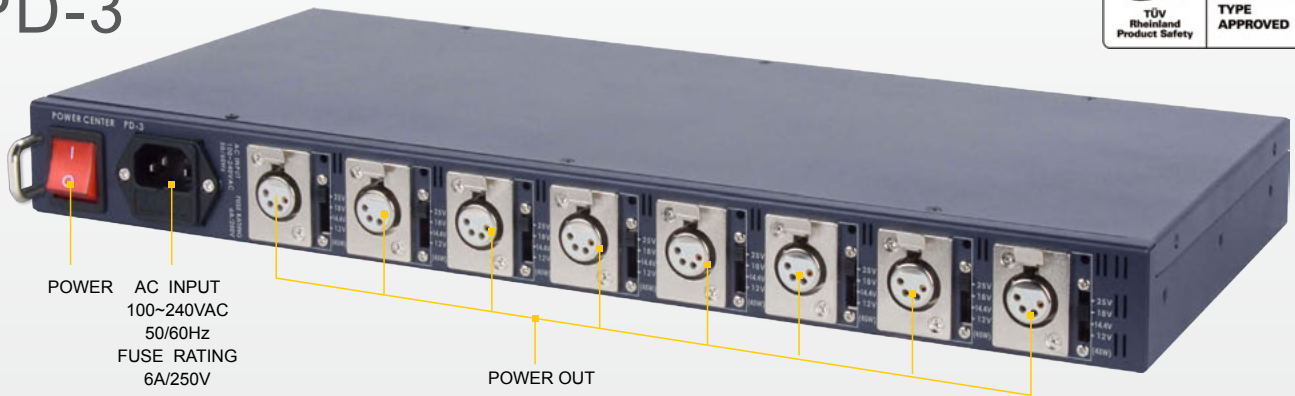
The Datavideo PD-3 is a 19" rack mountable universal AC to DC power distribution center, designed to supplies a steady user chosen voltage for production kit whilst on location or in your studio.
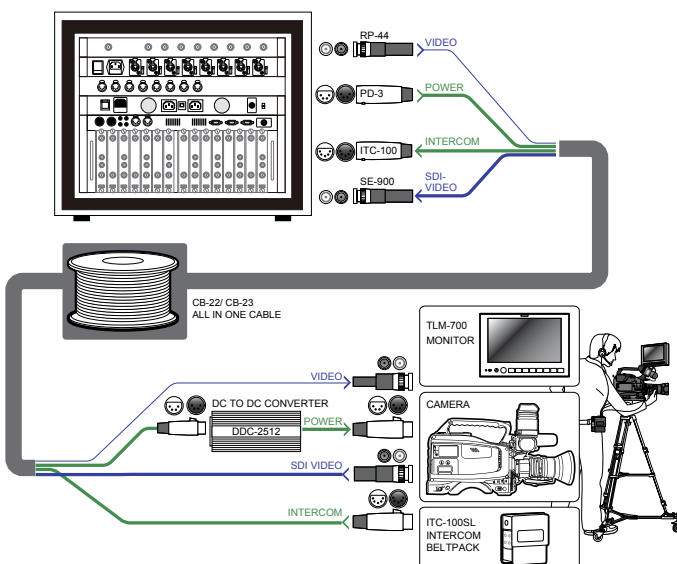
Perfect for use in conjunction with Datavideo Mobile Video Studios equipment such as the MS-900, and the CB-22 / CB-23 all in one cable.

Each of the eight outputs can be configured individually, DC25V, 18V, 14.4V & 12V, with a total power consumptions of 360 Watts.

FEATURES

- Automatically adjusts to work with 50Hz or 60Hz supplies between 100-240 VAC.
- Eight DC outputs with a combined total power consumption of 360 Watts
- Each DC output can be switched to provide either 12, 14.4, 18 or 25 Volts
- Each DC output has a multi-colour LED confirming the chosen voltage by colour
- The unit is designed to provide both DC & AC overload protection
- Carry the global recognised UL & TUV product certification
- Standard 19" – 1U rack mountable case

SETUP DIAGRAM

SPECIFICATION

■ AC Input:	
Voltage Range	100~240 VAC
AC frequency	50Hz or 60Hz
Fuse Rating	6A/250VAC
Efficiency(Typ.)	UP TO 80%
■ DC Output:	
DC Voltage	12V,14.4V,18V,25V
Voltage Tolerance	±3%
Rated Current	12V(3.5A),14.4V(3A),18V(2.5A),25V(1.8A)
Current Range	0~3.5A
Rated Power(Max)	45W / one group
■ Protection:	
DC Overload	105%~150% rated output power
	Protection type: Recovery automatically
	after fault condition is removed
AC Overload	non-recovery fuse on the AC input outlet
■ Connector:	
On/Off Switch	Powers the PD-3 On / Off
	Light switch indicator
AC in outlet with built-in fuse	AC Inlet for connecting to suitable mains
	power outlet – 100-240VAC.
	The socket contains a fuse holder
	fitted with a 6A /250V fuse.
4PIN XLR Female	8 Groups DC OUTPUT:(PIN1:GND
	, PIN2/3:NC , PIN4:VCC)
Slide Switch	8 Groups Switch:
	There are four options for each
	group:12V,14.4V,18V,25V DC output
■ Environment:	
Working Temp	0°C to 40°C (32°F to 102°F)
Working Humidity	10% to 90% (non condensing
Storage Temp. Humidity	-40°C to +85°C, 10~95% RH
■ Others:	
Cooling Fan	Two built-in cooling fans, please ensure that these
	are not blocked, and that some airflow is available.
DC Output LED Indicator	LED Color Indicator: White:25V,
	Red:18V, Green:14.4V, Blue:12V
Dimension	440(L)x235(W)x46(H)(mm)
Weight	5.2KG
Ground Terminal	When connecting this unit to any other component,
	make sure that it is properly grounded by connecting
	this terminal to an appropriate point. When
	connecting, use the socket and be sure to use wire
	with a cross-sectional area of at least 1.0 mm2.