

# 12V DC ADAPTOR

Art. No. 3334



This unit is used to supply power to Dataton control units. It plugs directly into SMARTPAX QC; earlier Dataton units, such as SMARTPAX, PAX, TRANSPAX use the 12V DC INJECTOR, article number: 3419, to connect to this device.

## Technical Description

12V DC ADAPTOR is used to supply low voltage power to the entire Dataton control system.

Size: 45 × 89 × 23 mm  
1.75 × 35 × 0.92 "

Weight: 0.125 kg (5 ounces)

Safety: IEC 950, EN60950, UL1950 Class 2, SELV

EMI: UL, c-UL, VDE, NORDICS, MITI, EN55022 Class B, FCC Part 2 & 15 Class B, CISPR22 Class B

MTBF: >200 000 hours at full load and 25° C ambient conditions

## Input

Input voltage: 90-135, 170-264 VAC  
Input current: 0.8 A @ 100V maximum  
Frequency: 47 – 63 Hz

## Output

Voltage: 12V DC  
Voltage regulation: ±5%  
Over voltage protection: 16V maximum  
Current limit: 3.0 A, ±5%

Short circuit protection: Pulsing mode, auto recovery

Maximum power: 35W

Efficiency: 90% nominal at full load and 230V AC

## Connectors



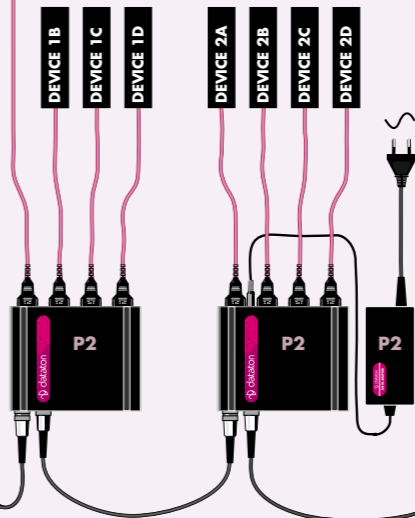
Input:  
IEC 320 input receptacle, two pin.



Output:  
EIAJ RC-5320, class IV.  
0V on outer sleeve.

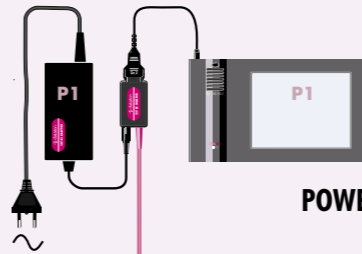
Length of connecting cable:  
1.6m (63")

## POWER ZONE 2

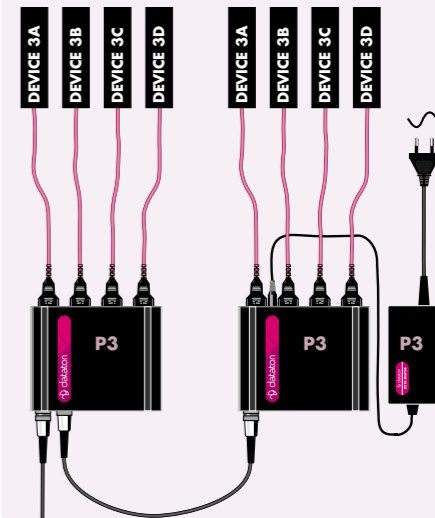


Dataton rigs very often have to operate in harsh environments, like exhibition halls, theaters, etc. To ensure reliable operation, it is important to adopt a well-engineered connection scheme. The

## POWER ZONE 1



## POWER ZONE 3



## INSTALLING IN A HARSH ENVIRONMENT

rig should be split into discrete power zones, where one zone of Dataton equipment is powered from one 12V DC ADAPTOR and other related devices from a common power outlet. Active

smartlink cables or TOUCHLINK units that are located away from the main rig, should receive power locally by means of 12V DC INJECTOR units, as indicated above for POWER ZONE 1.