



Art. No. 3334

12V DC ADAPTOR

This unit is used to supply power to Dataton control units. The adaptor plugs directly into SMARTPAX QC; other units, such as SMARTPAX, PAX, TRANSPAX require 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: 60 × 118 × 34 mm
2.4 × 4.7 × 1.3 "

Weight: 0.24 kg (0.54 lb)

Safety and EMI:
VDE 0805, UL 1950, CSA 22.2-234,
IEC 950, EN 60950 level B

MTBF: >100 000 hours at full load and
25° C ambient conditions

Input

Input voltage: 100–240V AC
Input current: 0.8 A @ 100V maximum
Frequency: 47 – 63 Hz

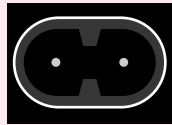
Output

Voltage: 12V DC
Voltage regulation: ±5%
Over voltage protection: 16V maximum

Current limit: 2.92 A, ±5%
Short circuit protection: Pulsing mode,
auto recovery

Maximum power: 35W
Efficiency: 85% nominal at full load
and 115V AC

Connectors

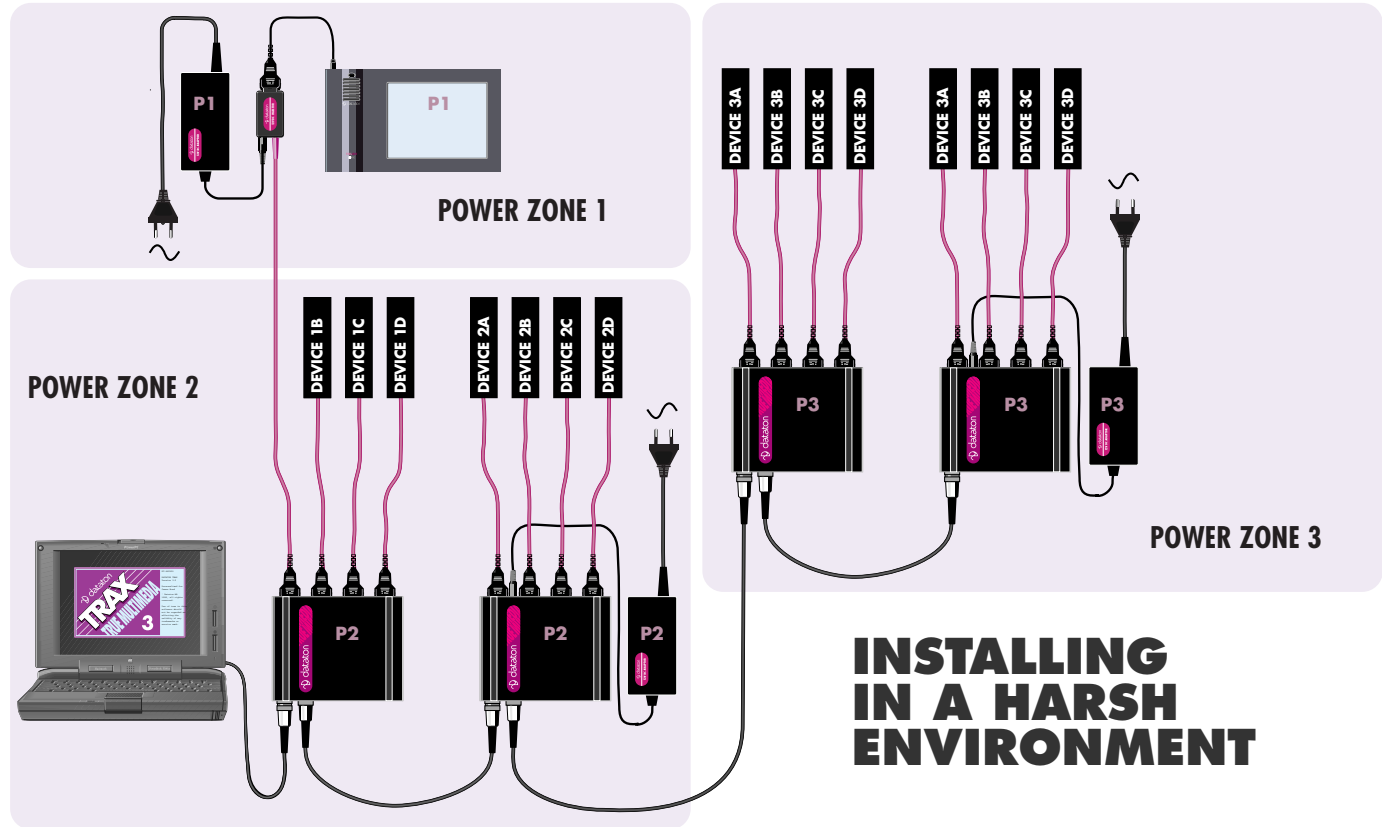


Input:
IEC 320 input
receptacle, two pin.



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

Length of connecting cable:
1.6m (63")



INSTALLING IN A HARSH ENVIRONMENT

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

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.