

# **RPC-50**

## **Battery Charger / PC Interface**

Operating manual

August 2005

# **REDPOST**



# Operating

## Battery Charging

The RPC-50 is designed to recharge the battery of the RPU-120+, RPU-352 & RPU-353 PU Monitors.

The RPC-50 connects to these monitors with the lead type RED80-100/200.

As soon as you connect the RPC-50 to the mains it is ready for use. Refer to the operating manual of the PU Monitor for complete information about charging the battery.

Do not leave the battery on charge continuously for more than 24 hours. It is quite safe to leave the RPC-50 connected to the PU Monitor when the mains power is switched off.

Disconnect the RPC-50 from the mains supply when it is not in use.

The RPC-50 operates on any AC mains supply from 100 VAC nominal to 240 VAC nominal and frequency from 47 to 63 Hz.

## Connection to PC

The RPC-50 can also be used to connect the PU monitor types RPU-120+, RPU-352 & RPU-353 to a PC running Redlink software. The data lead type RED 80-PC connects between the serial port of the PC and the connector on the RPC-50.

The mains supply must be connected to the RPC-50 when using it to connect to a PC.

# Safety and Conformity

## Safety warning

Always follow basic safety precautions when using this equipment to reduce risk of injury. Before using the equipment, read and understand the operating instructions in this manual.

This equipment is intended to recharge the battery in the RPU-120+, RPU-352 or RPU-353 PU Monitor and to connect these Monitors to a personal computer. It should not be used for any other purpose.

The equipment is for use indoors in a reasonably clean and dry environment. It is not waterproof. Do not operate where there is the possibility of the presence of explosive gases.

The equipment requires a suitable IEC320 (EN60320) socket mains lead terminated with the correct 3 pin plug for your country. The lead must have a rating of at least 6 amps.

There are no operator accessible fuses or controls inside the equipment. Do not open the case.



**Equipment:** Charger type RPC-50 used in conjunction with RPU-120+, RPU-352 or RPU-353 PU Monitor

**Manufacturer:** Redpost Electronic Products Ltd.,  
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**Directives:** 89/336/EEC "Electromagnetic compatibility"  
92/31/EEC amends above  
73/23/EEC "Electrical safety"  
93/68/EEC "CE marking"

**Standards applied:** EN 50081-1:1992 emissions  
EN 61000-6-2:1999 immunity  
CFR 47:1998 EMC (USA)  
EN 60950 electrical

I certify that this apparatus conforms with the requirements of the above directives.

*Eward F. Aldred*

*4<sup>th</sup> Jan 2001*

E.F.Aldred  
Director  
Redpost Electronic Products Ltd

Date