

**EC0232 LON-RS232 Adapter:**

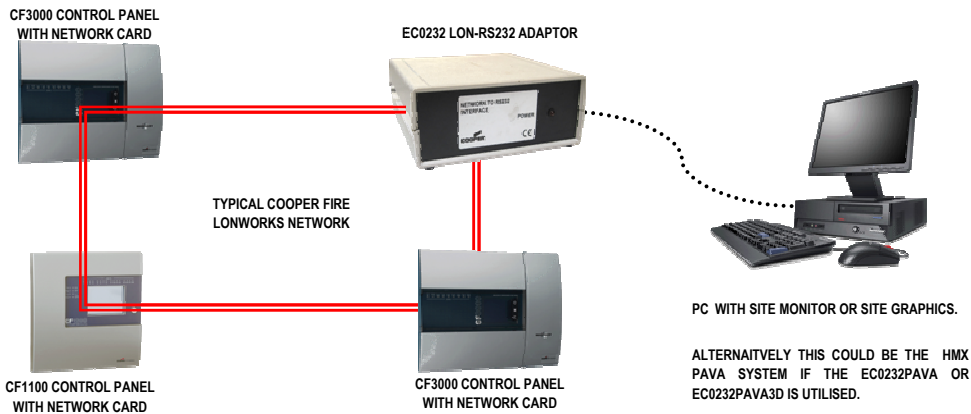


The EC0232 LON-to-RS232 Adapter allows connection of Cooper Fire system network (LONworks) devices to PC based applications such as Cooper Site Monitor, Site Graphics etc.

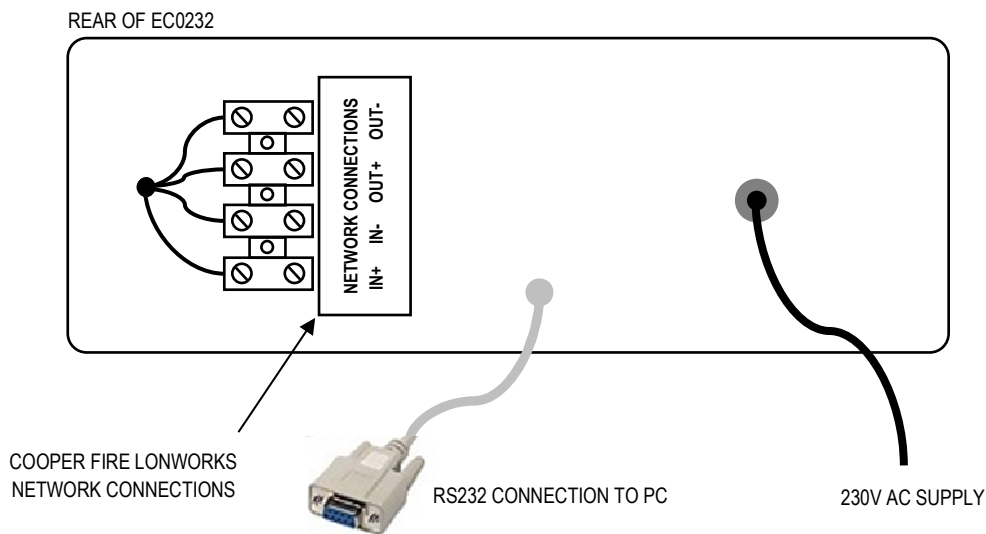
The EC0232PAVA offers a similar interfacing facility to the HMX PAVA (Public Address Voice Alarm) system by withholding the Handshaking functionality, and if required the EC0232PAVA3D offers an additional three minute time delay before the Voice Alarm function is actuated. The Bi-Directional link allows the status of the HMX PAVA system to be displayed and monitored at the Fire Alarm Control Panel. Different messages may be played depending on the configuration of the 'Cause and Effect programming.

The interface may be located anywhere on the Cooper Fire peer-to-peer network allowing information from any addressable Fire Alarm Control Panel to be routed through the bi-directional RS232 port to the PC or PAVA system.

**Typical Application Schematics:**



## Mechanical Layout and Connections:



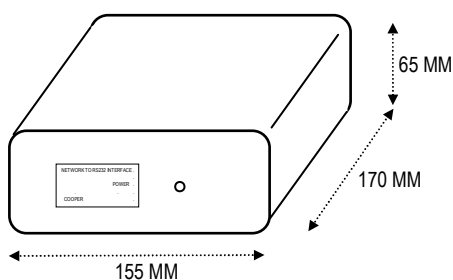
## LED Indication:

**POWER** Power on indication 'On' means power on

## Connectors:

**RS232** Connection to PC or HMX PAVA  
**NETWORK** Connections to Cooper Fire LONworks Network  
**POWER** 230V AV mains supply

## Dimensions:



## Installation Instruction:

1. Ensure that the power supply is switched off during installation.
2. Take care when inserting the RS232 connector to avoid damage.
3. Connect the LONworks Network cables.
4. Repower the system.
5. The EC0232 range of devices simply translate the LONworks protocol and will require no setup or configuration.

## Technical Data

**Communication Protocol:** LONWORKS

**LONworks Connectors:** Screw Terminal Block

**Lonworks Rate:** 78 Kbps / 1.25 Mbps

**Bit Error Rate:** 10e-9

**Operating Temp / Humidity:** -10~+70°C / 20~90% RH

**Model Nos.:** EC0232  
EC0232PAVA  
EC0232PAVA3D

**Serial Baud Rate:** 4800 bd

**Network Termination:** 102 ohm if required

**Dimensions:** L:135 mm x W:115.5 mm H:x 36 mm

**Mains Supply:** 230V AC +10% -15%