

RoIIPCM

RoIINet PCMCIA
Interface Card for Laptop PC's

Operator's Manual

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Explanation of Safety Symbols



This symbol refers the user to important information contained in the accompanying literature. Refer to manual.



This symbol indicates that hazardous voltages are present inside. No user serviceable parts inside. This unit should only be serviced by trained personnel.

EMC Standards

This unit conforms to the following standards:

BS EN 55103-1 : 1997

Electromagnetic Compatibility, Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 1. Emission

BS EN 55103-2 : 1997

Electromagnetic Compatibility, Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use. Part 2. Immunity

Federal Communications Commission Rules Part 15, Class A :1998

EMC Environment

The product(s) described in this manual conform to the EMC requirements for, and are intended for use in, *either*

The commercial and light industrial environment (including, for example, theatres) E2

or

The controlled EMC environment (for example purpose-built broadcasting or recording studios), and the rural outdoor environment (far away from railways, transmitters, overhead power lines, etc.) E4

The applicable environment is stated in the Technical Profile section of the product operation manual under “*EMC Performance Information/Environment.*”

EMC Performance Information

Please refer to the *Technical Profile/Specifications* section of the product operation manual.

EMC Performance of Cables and Connectors

Snell & Wilcox products are designed to meet or exceed the requirements of the appropriate European EMC standards. In order to achieve this performance in real installations it is essential to use cables and connectors with good EMC characteristics.

All signal connections (including remote control connections) shall be made with screened cables terminated in connectors having a metal shell. The cable screen shall have a large-area contact with the metal shell.

COAXIAL CABLES

Coaxial cables connections (particularly serial digital video connections) shall be made with high-quality double-screened coaxial cables such as Belden 8281 or BBC type PSF1/2M.

D-TYPE CONNECTORS

D-type connectors shall have metal shells making good RF contact with the cable screen. Connectors having “dimples” which improve the contact between the plug and socket shells, are recommended.

Manufacturers Notice

Before installing the software, please ensure that you have read the following:

- Note 2 of 'Known Issues' on page 1.1
- The Snell & Wilcox software agreement on page 3.3

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About this Manual

This manual covers the following products:

- RollPCM Laptop RollNet Interface card

Packing List

The unit is supplied in a dedicated packing carton provided by the manufacturer and should not be accepted if delivered in inferior or unauthorised materials. Carefully unpack the carton and check for any shipping damage or shortages.

Any shortages or damage should be reported to the supplier immediately.

Enclosures:

- RollPCM RollCall Interface card & Media Access Unit.
- Operator's Manual (this document)

Software Version Amendments

Notes about Versions Fitted

Using this card with RollCall & Magic DaVE

Do *not* use the RollCall drivers from the FTP site when installing a RollNet card if you are using the Magic DaVE for Windows control application. Please use the drivers provided with your installation package.

Drivers for using RollNet Interface Cards with RollCall 3.3, RollCall 3.4 upwards and 'RollCall Lite' are available from our FTP site:

`ftp://ftp.snellwilcox.com/rollcall/rollnet_drivers`

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Description

The RollNet PCMCIA card enables connection between your Laptop and the RollCall 75 ohm co-axial communications network (RollNet).

Supported Operating Systems: Windows XP, Windows 2000 (Service Pack 1 or greater), Windows NT (Service Pack 6a or greater), Windows 98SE & Windows ME.



Features

- PCMCIA Type II bus Laptop card allowing connection to the RollCall™ 75 Ohm BNC network)
- Enables control of Snell & Wilcox products from a Laptop with RollCall software and 75 Ohm co-axial network

Known Issues

1. The ROLLPCM card will not function when the laptop resumes operation from Suspend mode. A reboot will be necessary to restore RollCall network connectivity.
2. Installing RollPCM on certain brands of Laptop running Windows 2000 with Service Pack 3 has exhibited a serious fault which can prevent the machine booting correctly. Snell & Wilcox currently recommend Service Pack 2 for Laptops running Windows 2000.

Specifications

Features

Signal Input/Output

RollNet..... BNC Network Connection 75 Ohms

Controls

I/O Address..... Plug & Play

IRQ Plug & Play

Additional Controls via RollCall™ Remote Control System

Full control of Snell & Wilcox RollCall compatible products from a PC Workstation.

Specifications

BNC Connection Impedance


75 Ohms

RollNet Speed..... 2.5 Mbits/s

HARDWARE INSTALLATION

Important Safety Warning



 These servicing instructions are for use by qualified service personnel only. To reduce risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified personnel.

Static Damage Precautions (ESD)

All work must be undertaken in a static safe environment. A suitable static safe wrist or shoe strap must be worn at all times while handling the PCB assemblies. Any PCB's removed from the unit must be placed on a suitable static safe work surface.

Notes

Incorrect use of, or complete failure to use the appropriate anti-static protection may lead to immediate failure of the equipment, or permanent damage that may reduce the life of the equipment. In such cases, the Warranty will be rendered void.

Warranty Terms

- Snell & Wilcox warrants to the purchaser that new equipment will be free from defects in material and workmanship for one year from the date of shipment by Snell & Wilcox, subject to the exclusions set out below. Snell & Wilcox exclusive obligation (and purchasers only remedy) for any defect shall be to repair or replace, at Snell & Wilcox option, at no charge except for shipping charges, any equipment or parts returned prepaid to an approved Snell & Wilcox service centre.*
- Within the warranty period, purchaser shall notify Snell & Wilcox of any defect in material or workmanship. If a part is defective, Snell & Wilcox may forward a new part to purchaser, invoice for the part and credit invoice upon receipt of the defective part returned, freight prepaid. Snell & Wilcox reserve the right to inspect or repair equipment on purchaser's premises.*
- Snell & Wilcox specifically excludes the following from warranty coverage, and assumes no responsibility for repair or replacement thereto:*
 - Equipment which has been modified, repaired or altered by procedures other than those published or authorised in writing by Snell & Wilcox, which has been subjected to misuse, misapplication, improper maintenance, negligence, acts beyond the purchasers control (including failure of or excessive electrical power or failure of environmental control equipment);*
 - used equipment;*
 - fuses, lamps and batteries;*
 - equipment which has had its serial number altered, defaced or removed.*
- No repair or replacement shall extend the warranty period.*

Procedure

RollCall 3.4.1 & Magic DaVE

Do *not* use the RollCall drivers from the FTP site when installing a RollNet card if you are using the Magic DaVE for Windows control application. Please use the drivers provided with your installation package.

Drivers for using RollNet Interface Cards with RollCall 3.3, RollCall 3.4 upwards and 'RollCall Lite' are available from our FTP site:

`ftp://ftp.snellwilcox.com/rollcall/rollnet_drivers`

Before Installing the software, please ensure that you have read the Snell & Wilcox software license agreement printed overleaf.

During Installation Ensure that Static Damage Precautions (ESD) are observed

INSTALLING THE ROLLPCM CARD

- a) Identify the PCMCIA slot where the ROLLPCM card will be fitted.
- b) Carefully insert the ROLLPCM card into the slot until it is fully seated.
- c) Connect the Media Access Unit to the RollCall card.

INSTALLING RollPCM Driver

Please refer to the readme.txt file on the downloaded file or the driver's information with your installation package for instructions appropriate to your operating system.

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SCHEDULE

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