



**XPD900
User Manual**

Radu Oprea

//radio/products/xpd900/FCC/User_Manual.docx

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Title
Subject

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Revision 0.1

Revision History

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1 Introduction

The XPD900 transceiver module is not sold separately as a standalone device. It is intended to be used as part of a complete Cooper Industries remote control device and in the user manual for any device containing the module will be included the text from the following paragraph.

This manual is for the use of professionals to guide them in the installation, operation and basic system maintenance of the equipment covered.

2 FCC Notice U.S.A.

XPD900 complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

Caution - Changes or modifications not expressly approved by the OMNEX Control Systems ULC will void the user's authority to operate the equipment.

3 IC Notice Canada

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

4 RF Exposure Information

READ THIS INFORMATION BEFORE INSTALLING THE XPD900

This product is intended for mobile and portable installation applications.

In order to comply with FCC/IC adopted RF exposure requirements for mobile applications, installation of this transmitter system's antennas must be performed in a manner that will provide at least 2.1 inches (5.3 cm) clearance from the antenna to any user or member of the public.

XPD900 was certified with a Larsen Antennas NMO3E900B antenna with a 186 cm cable (6 foot cable).

The maximum radiated output power of these antennas satisfies the maximum permissible exposure (MPE) limits as specified in §1.1310 of FCC regulations for general population/uncontrolled exposure as long as the minimum separation distance of 20 cm between the radiating element and the person is maintained, assuming a 100% duty cycle.

For portable applications the SAR measurements will be performed on a product level if they are required.