

4. Access the radio terminals via Ethernet



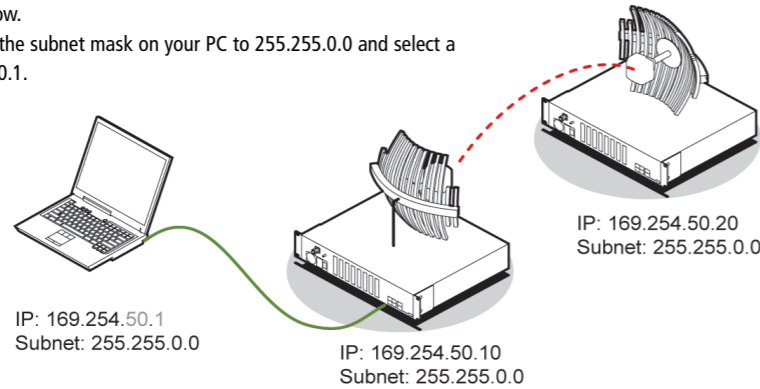
1. Confirm that your PC has Java VM 1.6 or later installed

IMPORTANT

In order to communicate via Ethernet, each piece of equipment must have compatible IP addresses on the same subnet. The radio terminals are pre-configured with one of the IP addresses and the subnet shown below.

To connect to the radio terminal, set the subnet mask on your PC to 255.255.0.0 and select a compatible IP address e.g. 169.254.50.1.

Subnet			
255 . 255 . 0 . 0			
169	254	50	20
169	254	50	10
169	254	50	1
IP addresses			



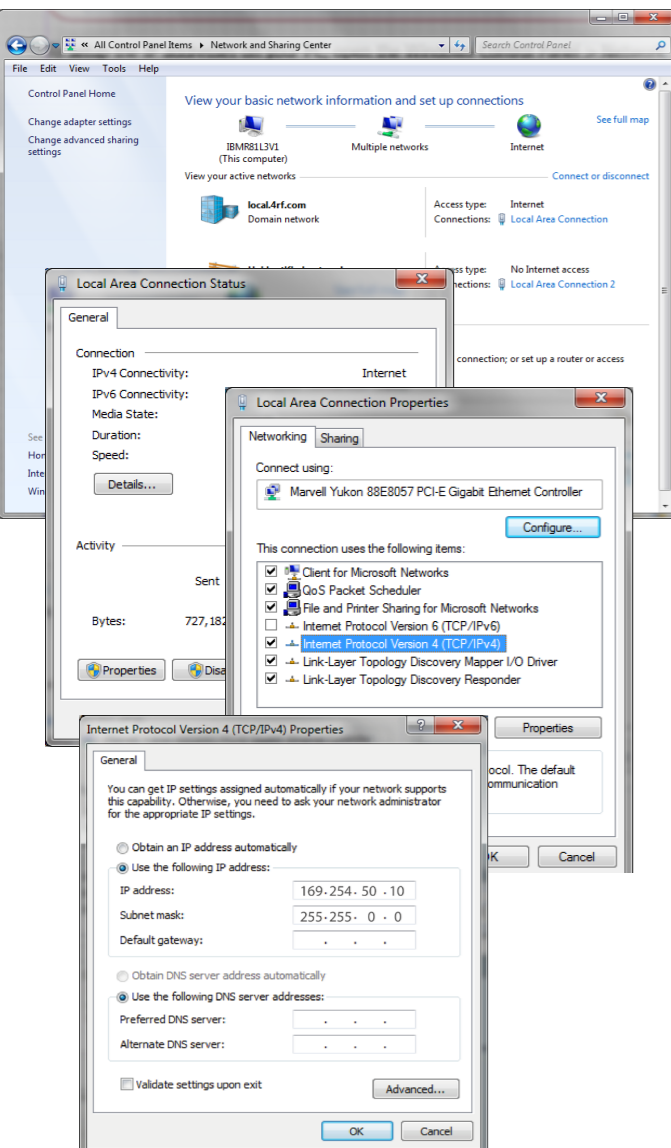
Windows Example

To setup the IP addresses on your PC, open the Windows Control Panel > Network and Sharing Center, click on your Local Area Connection (primary network connection).

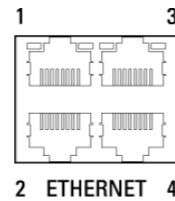
On the Local Area Connection Status, click Properties.

On the Local Area Connection Properties, select Internet Protocol Version 4.

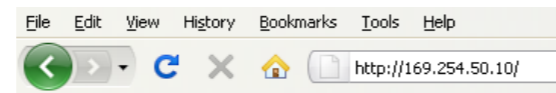
In the Internet Protocol Version 4 (TCP/IP) properties window, set up your PC IP address and Subnet mask as shown below.



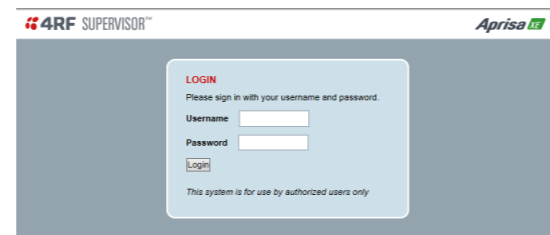
2. Using the Ethernet cable, connect the PC's Ethernet port to one of the radio terminal's Ethernet ports.



3. Start your web browser and in the address field, enter the radio terminals IP address.



4. Login to the radio terminal.

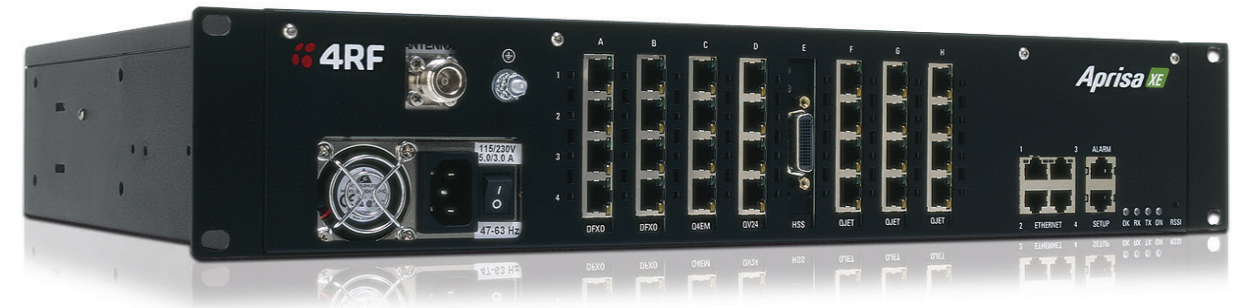


SuperVisor Opening Screen



You are now ready to start configuring your radio link.

Please refer to the Aprisa XE User Manual for details on how to configure your Aprisa XE link.



Quick Start Guide

Contents

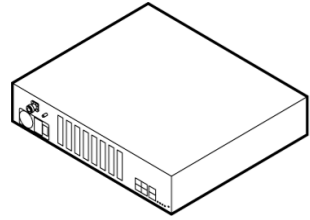
Follow these steps to install and access your Aprisa XE radio link:

1. Check the box contents
2. Install the radio terminals
3. Connecting antennas and power to the radio terminals
4. Access the radio terminals via Ethernet

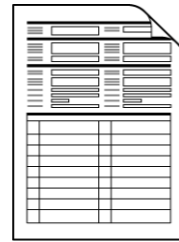
1. Check the box contents

Each Aprisa XE radio is shipped to you in a single box containing the following items:

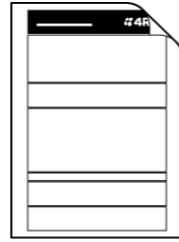
Aprisa XE Radio



Configuration Sheet

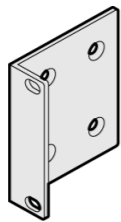


Commissioning Form

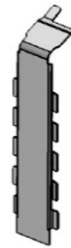


Accessory kit containing the following:

- Rack mount bracket [x2]



- Interface Slot Blanking plate [x2]



- Bracket fastening screw [x4] (countersink PZD2)



- M6 caged nut [x4]



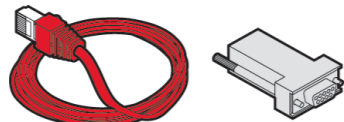
- Nylon washer [x6]



- M6 x 8 (PZD3) [x6]



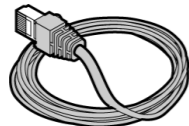
- Setup cable with RJ-45 to DB-9 adaptor



- M2 Allen key (for fascia and lid screws)



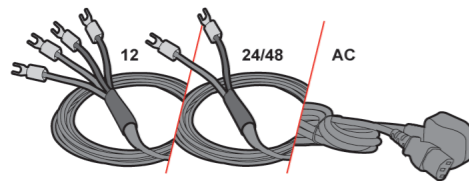
- Ethernet cable spare



- 100 mm cable tie [x20]



- Power cable 12 VDC, 24/48 VDC or AC



For more information, please refer to the Aprisa XE User Manual available from the 4RF website <https://www.4rf.com/secure> (login required).

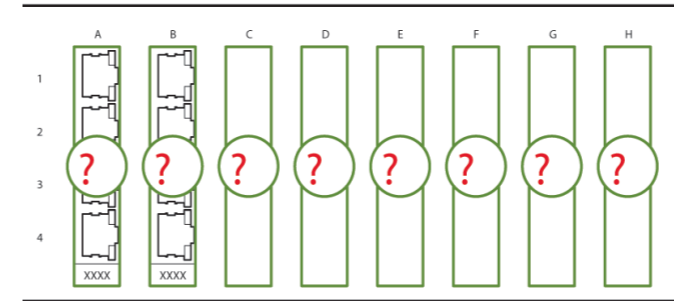
Note: The Aprisa XE radio operates within frequency bands that require a site license be issued by the radio regulatory authority with jurisdiction over the territory in which the equipment is being operated. It is the responsibility of the user, before operating the equipment, to ensure that where required the appropriate license has been granted and all conditions attendant to that license have been met.

Hereby, 4RF Limited declares that the Aprisa XE digital radio is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the internet address <http://www.4rf.com/library/en>

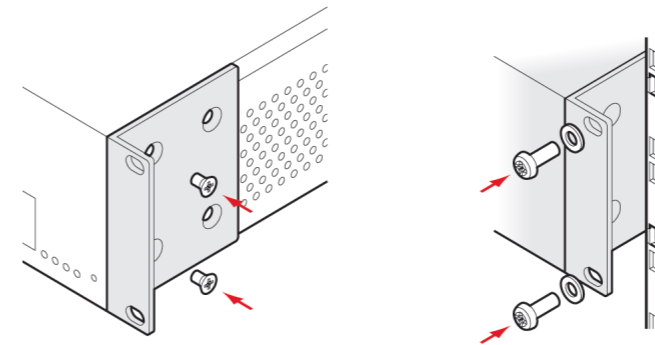
	BE BG CZ DK DE
	EE IE EL ES FR
	HR IT CY LV LT
	LU HU MT NL AT
	PL PT RO SI SK
	FI SE UK

2. Install the radio terminals

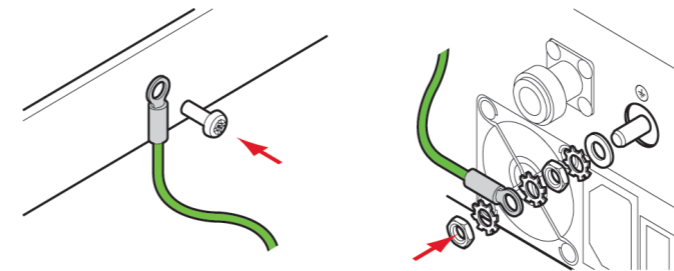
1. Confirm that the correct interface cards are fitted.



2. Fasten the mounting brackets to the radio terminal and mount it in the rack

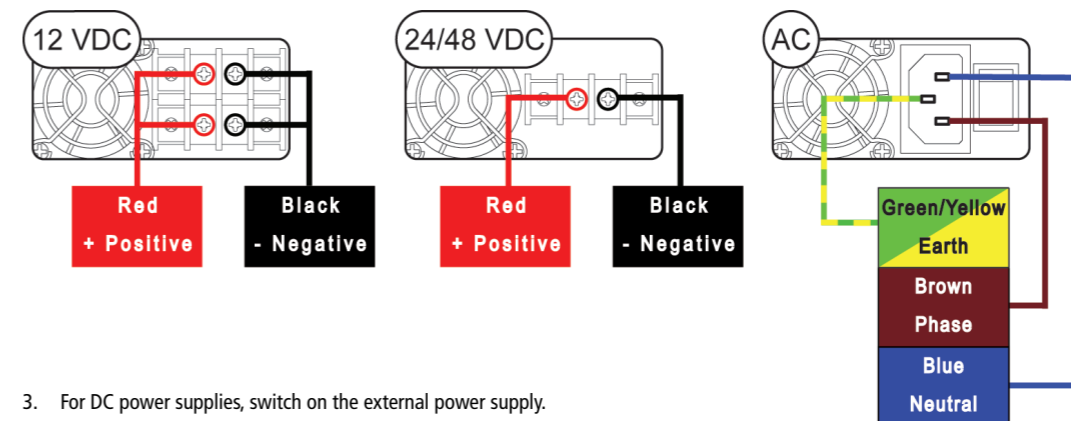


3. Connect the radio terminal's earth stud to the rack with the Earth cable using the 8 mm spanner



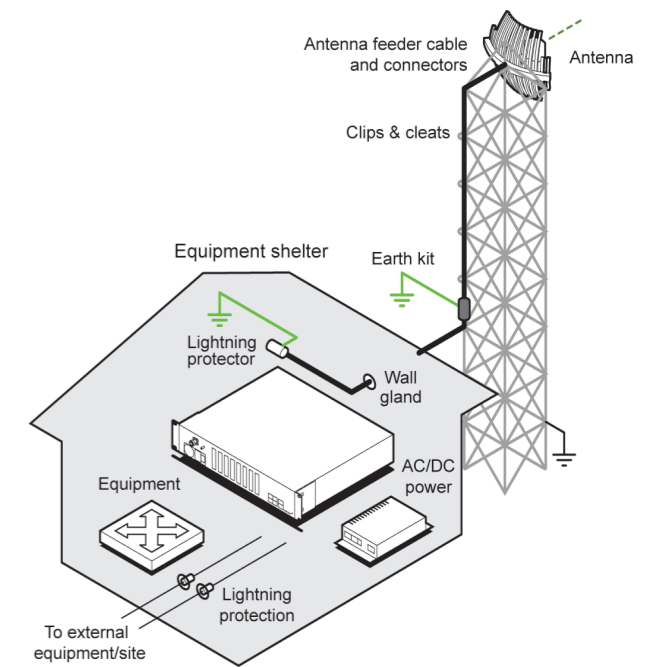
3. Connecting antennas and power to the radio terminals

1. Before connecting power to the radio, ensure that the antenna is connected to the antenna port. If the antenna is not available, terminate the Antenna port with a N type male 50 ohm termination (10 Watts min, up to 3 GHz). The two radios can be interconnected on the bench with two N type male 50 ohm 30 / 40 dB attenuators (10 Watts min, up to 3 GHz) on the antenna ports, interconnected with a N type coaxial cable. Do not directly connect the two radio antenna ports without attenuation of at least 60 dB. The receiver can be damaged if signals greater than -20 dBm are applied to the antenna port.
2. Connect the external power supply to the radio terminal.



3. For DC power supplies, switch on the external power supply. For AC power supplies, turn the radio power switch on.

4. Confirm that your antenna, feeder cable, weatherproofing, earthing and lightning protection are correctly installed.



5. Connect the flexible coaxial jumper cable between the lightning protector and radio antenna connector.

