



REPEATIT

Trinity-300 Series Quick Start Guide

The full manual can be retrieved from <http://www.repeatit.se/support/trinity>

Warning *This product transmits information using microwave radio signals. Installation of fixed outdoor radio links should only be performed by a qualified and trained technician familiar with local radio, electric and safety regulations.*

Before proceeding with the installation verify that the equipment works on the ground. Power up both units and put them between your computer and network access, you should have full communication within a few minutes of powering up the units. (If the units have no internal antenna make sure you place the antenna connectors directly opposite each other.)

Both units are pre-configured from factory with the following parameters.

Setting	IP address	Username	Password
	10.0.0.1	admin	public

Installing the link

- Mount the first unit, point it towards the site of the second unit. Power it up and make sure the Power LED is lit and the status LED blinks slowly.
- Connect to unit and configure the unit properly, network and radio settings. Choose a LinkId and passphrase for the link.
- Mount the second unit. Power it up and configure it properly, set mode to client. Configure network and radio settings. Choose same LinkId and passphrase as on the master unit. Align antenna for best signal using the status LED.
- Align the first unit for best signal using the Status LED.
- Make sure all cables are secured and connect the link to the network.
- Configure the distance parameters at the master unit to reflect the correct distance between the units.

Note *Make sure that the polarization on both units are in the same direction. Unaligned polarization will significantly reduce the signal strength.*

Package contents

Trinity-300

2 Trinity-300 units with N-female connectors
2 Mounting kits
2 PoE with power adapter for your local region.

Trinity-323

2 Trinity-323 units with integrated 23 dBi antenna.
2 Mounting kits.
2 PoE with power adapter for your local region.

Trinity-316/318

2 Trinity-316/318 units with integrated 16/18 dBi antenna.
2 Mounting kits.
2 PoE with power adapter for your local region.



How to access the units web interface

The unit does not have a DHCP server and will *not* provide any IP address to your PC when you connect the Ethernet cable. To be able to access the unit, your PC needs to be configured with a static IP address that is within the same subnet as the IP address of the unit.

To change the IP address of your network card you need to open the configuration utility for your network card. For information on how to do that please consult your operating system manual.

The default IP settings of the units are:

	IP	Netmask
Default	10.0.0.1	255.0.0.0

Recommended configuration of your network card is:

IP	Netmask
10.0.0.3	255.0.0.0

You do not need to have a gateway address to configure the unit when you are connected directly to it.

If you want the units to be accessible within your normal subnet you will have to reconfigure the IP addresses of the units. Remember that after changing the IP address of the unit you will not be able to access it again until you have reconfigured your network card to be in the same subnet as you configured in the unit.

Note *Your Trinity link will work as a cable replacement (transparent bridge), therefore you should never connect both units to the same switch or Ethernet segment. Doing so will cause an infinite forwarding loop which severely will disrupt normal traffic on your network.*

Warning *At all times, it is the customers responsibility to ensure that an outdoor antenna installation complies with local radio, electric and safety regulations.*

If you are not certain about the regulations that apply in your country, consult your regulatory agency or a local Repeatit sales partner.

The customer must verify that:

- The installation is performed by a qualified technician.*
- The antenna installer is aware of local regulations and limits, including, but not limited to, allowed frequency spectrum and maximum EIRP limits.*
- The final installation complies with local radio, electric and safety regulations, including, but not limited to allowed frequency and maximum EIRP limit.*
- Repeatit AB and its resellers or distributors are not liable for any damage or violation of government regulations that may arise from failing to comply with these guidelines.*



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