

# Versatronik® 501 Gateway

## Applicable Gateways

Versatronik 501 NR2/LON  
Versatronik 501D NR2/LON



## Quick Start-up Assistant

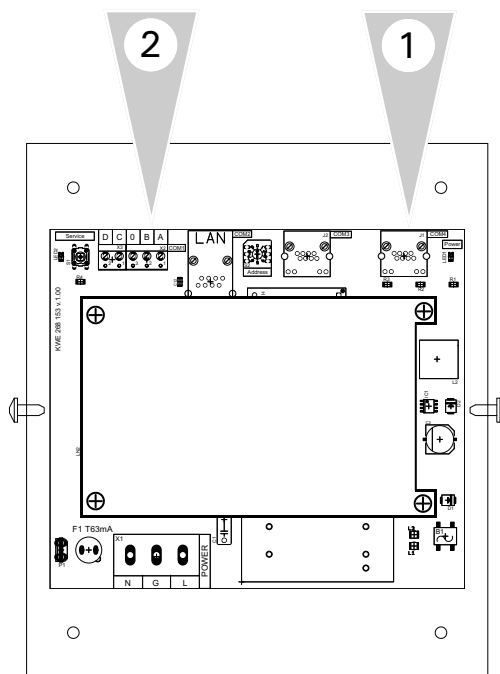
### Important information before you get started

This device is not plug and play. A few configuration variables will need to be set before the device becomes usable. Additionally, the Vitotronic cascade and boiler controls need to be configured for a multiple boiler system and participant numbers should be set. A participant check should be performed.

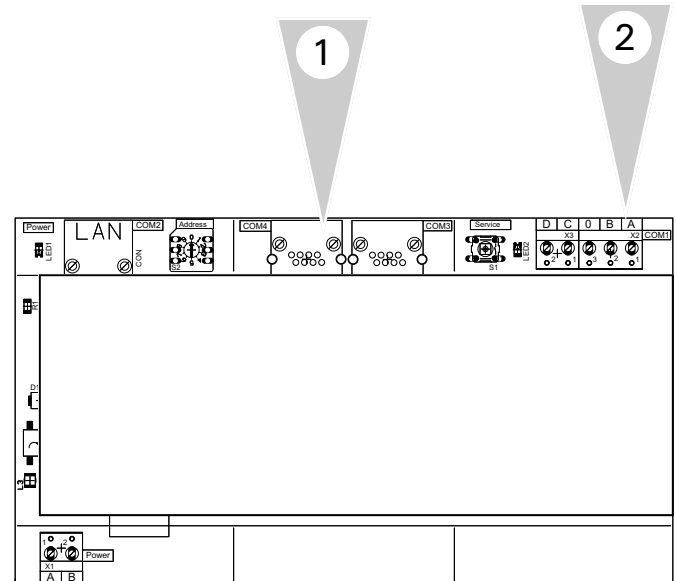


### Connections

1. COM4 - RJ45 connector to NR2 controls
  2. COM1 A/B - 2 wire LON connection to BMS
- \*Service pin is located beside COM1



120VAC Versatronik 501 NR2/LON



24VAC Versatronik 501D NR2/LON

### NOTE:

The information provided in this Quick Start Up Guide is only offered as a supplement to the Versatronik gateway installation manual and does not replace the manual in whole or in part.

Quick Start-up

## Versatronik 501 LON Quick Start Up

### Configuration Variables

The Versatronik 501 NR2 / LON gateway needs to be configured with the participant numbers (Node IDs) of the NR2 controls you want to connect to.

This is done through the nciNR2Config variable.

The nciNR2Config variable is broken down into the following 6 bytes. You can download the XIF files for this gateway from [www.kwe-tech.com](http://www.kwe-tech.com).

Byte	Point Description	Details
0	Boiler 1 LON Address	Participant # / Node ID (Address 77) Default 1-4 for Vitotronic 100, GC1 boiler controls Add 100 (101 - 104) for KK10LON control
1	Boiler 2 LON Address	
2	Boiler 3 LON Address	
3	Boiler 4 LON Address	<b>NOTE:</b> These addresses are not applicable for Vitodens 200, WB2B boilers as they communicate via KMK bus to the Vitotronic 300-K, MW2 control
4	Zone/Cascade/Boiler LON Address	Participant # of cascade/zone control Default 5 for Vitotronic 300 control Add 200 (205) for MW2 control (for use with WB2B boiler over KM-BUS)
5	Number of Zones on the Zone/Cascade/Boiler	Number of zones on the cascade/zone control. Including the common supply zone (A1)

\*See the User Guide for more detailed instructions ([www.kwe-tech.com](http://www.kwe-tech.com))

### IMPORTANT

Read and save these instructions for future reference

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