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Router-Mods NR1503v2 5G Router Modification Services User Manual

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Router-Mods NR1503v2 5G Router Modification Services

Product Information

Specifications

- **Product Model:** ZYXEL NR1503v2 5G Router
- **Port Frequency** Band Ranges: Please refer to the router's specifications and your local network band support list for compatibility
- **4G Ports:** Supported

Product Usage Instructions

This modification will enable the use of new external inputs in specific configurations. Follow the steps below to proceed with the modification.

1. Ensure the router is powered off and disconnected from any power source.
2. Identify the external inputs you wish to utilize for modification.
3. Open the router casing carefully to access the internal components.
4. Locate the designated ports for modification and ensure they are compatible with the external inputs.
5. Make the necessary connections as per the configuration you desire.
6. Close the router casing securely after completing the modification.
7. Power on the router and test the new external inputs to ensure proper functionality.

FAQ

Q: Can I revert the modification to its original state?

A: Yes, you can revert the modification by following the same steps in reverse order. Ensure to disconnect any external inputs before reverting the modification.

Q: Will this modification void the warranty of the router?

A: Yes, performing this modification may void the warranty of the router. Please refer to the manufacturer's warranty policy for more information.

Q: What if I encounter issues during or after the modification?

A: If you encounter any issues during or after the modification, please contact our support team at **enquiries@router-mods.co.uk** or visit our website at **www.router-mods.co.uk** for assistance.

Warranty

Warranty Notes:

- This modification voids all warranty rights with the manufacturer and therefore shall not be returnable under warranty to the manufacturer.
- Do not open the unit once modified, doing so may damage the new antenna outputs. Any attempt to open the unit causing damage to the outputs is a chargeable repair.

Antenna Information

Antenna notes:

- Please note this modification has converted the internal antennas to external antennas.
- The internal antennas are no longer functional as they are now converted for external antenna use.

5G SA/NSA

- SA (Stand-Alone) means the mast and router can negotiate a link without needing a 4G connection first, the router must be SA capable, and the mast must have its own dedicated 5G infrastructure "SA" not dependant on 4G.
- NSA (None Stand-Alone) means the router and the mast must negotiate a 4G link before it can establish its 5G link. Once connected to 5G it will still require the 4G link to maintain the 5G connection.

Software Configuration

- There have been no firmware/software adaptations to the router during the modification process.
- During testing of the modification, the router will have been restored to a factory default setting, any settings that were previously on the unit have been lost.
- (if your unit has factory antenna outputs) Please ensure within the router login page, you have selected "use internal antenna" This ensures the use of the modified antenna outputs. (Some routers do not have this option available)
- **Port Frequency band Ranges:** (Please refer to the router specifications and you're local network band support list for compatibility)

4G Ports:

- **Low Band** – 700~900Mhz (Bands 8,20,19,6,5,18,26,27,14,13,17,28,68,12,85,,71,31,72,73,88,87,29,67)
- **Mid Band** – 901~2100Mhz (Bands 70.25.2.9.3,24,21,11,74,32,75,76)
- **High Band** – 2101~3500Mhz (Bands 22,7,15,16,69,30,23,66,65,1,10,4)
- **5G** – 700~2900Mhz (Bands N1, N12,N2,N20,N25,N28,N3,N5,N50,N51,N65,N66,N7,N70,N71,N74,N8

5G Ports:

- 5G – 3300~5000Mhz (N77,N78,N79)
- This modification will allow the use of the new external inputs in the below configurations.
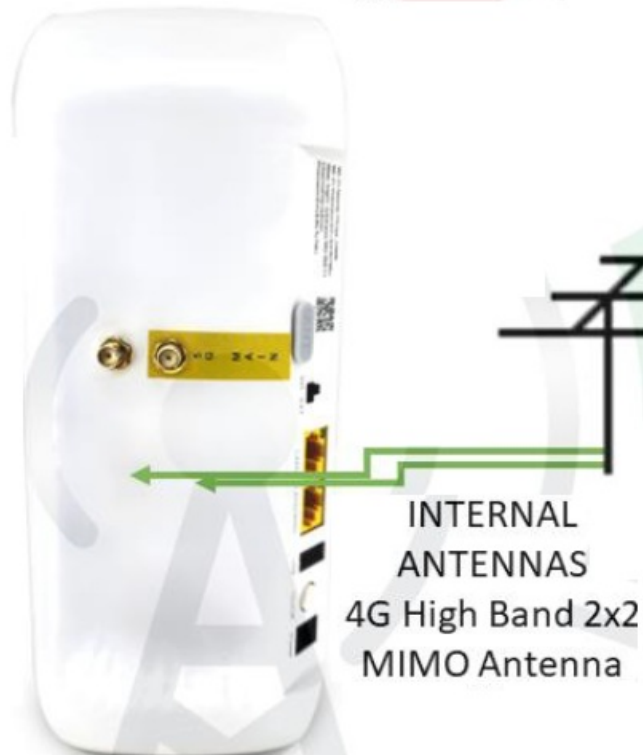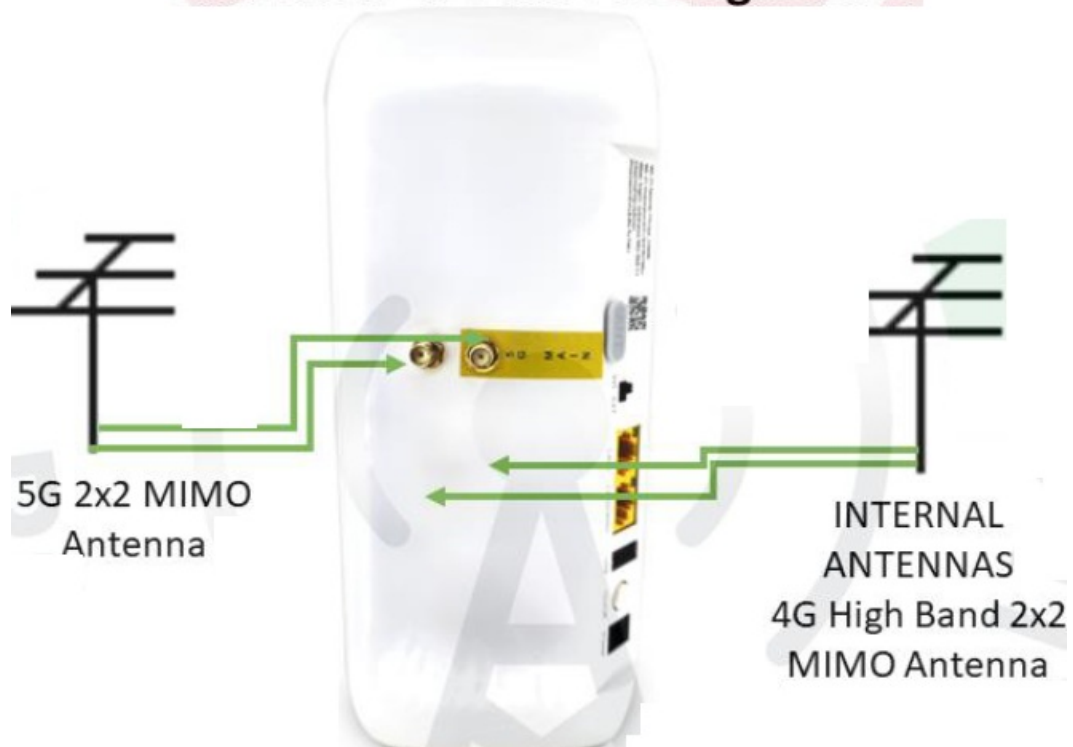
Product Description

Full Mod - 4G Configuration

4G High Band 2x2 MIMO Antenna

Full Mod - 5G NSA Configuration

5G 2x2 MIMO
Antenna

4G High Band 2x2
MIMO Antenna

Full Mod - 5G SA Configuration

5G 2x2 MIMO
Antenna

Part Mod - 4G Configuration

INTERNAL
ANTENNAS
4G High Band 2x2
MIMO Antenna

Part Mod - 5G NSA Configuration

5G 2x2 MIMO
Antenna

INTERNAL
ANTENNAS
4G High Band 2x2
MIMO Antenna

Part Mod - 5G SA Configuration

5G 2x2 MIMO
Antenna

Contact

- For any other inquiries please contact us.

Contact Information

- **Email: enquiries@router-mods.co.uk**
- **Web: www.router-mods.co.uk**

Documents / Resources

Router-Mods NR1503v2 5G Router Modification Services [pdf] User Manual
NR1503v2, NR5103v2, NR1503v2 5G Router Modification Services, NR1503v2 5G, Router Mo
dification Services, Modification Services, Services

References

- 🌐 **The domain name mods.co.uk is for sale**
- ⚙ **Router-Mods LTD - 4G/5G Routers & Antennas Suppliers**
- **User Manual**