



**Installation Instructions for a Single Bay 2G/3G BTS Cabinet**  
**(230Volt AC powered)**



1. Remove the two BTS retaining clamps from the base support panel of the cabinet secured in position with 4 x M6 posi pan head screws.



2. Remove the 4 x M5 posi countersunk head screws exposed once the retaining clamps are removed from the base support panel; remove the base support panel from the cabinet.



3. This will expose two coach bolts holding the wooden plinth in position; remove both coach bolts from main cabinet. Open the door to the left hand end of the cabinet.

A further two coach bolts will be seen under the wooden back-board within the electrical section, these will also need to be removed.





4. Affix certified lifting straps to the lifting lugs positioned on each corner of the cabinet; lift into position onto the root of the cabinet and line up the outside surfaces of the cabinet ensuring that the M10 holes in the root and cabinet are in line.



5. Inside the cabinet is a bag containing 6 off M10 x 50 hex headed bolts and washers; this is clipped to the rear cable tray.
6. Using these bolts, bolt the cabinet to the root; 4 bolts are used within the main chamber and can be seen located beside the "Top-hat" sections. The other two bolts are used within the electrical compartment and fit into the holes to which the wooden plinth was attached.
7. Replace the base support panel (see item 2 above) and secure with the 4 x M5 posi countersunk head screws retained from operation item 2 above.
8. Replace the BTS rear retaining clamp (heater end of cabinet) and secure with 2 x M6 posi pan head screws retained from operation item 1 above.



9. Positioned on the right hand door internally is the removable platform; this is used to assist in the location of the BTS within the cabinet.



10. To release the platform from the door, raise the retaining toggle and lift the removable platform away from the door.



11. Place the removable platform onto the cabinet by hooking the end opposite the jacking feet over the lip of the cabinet being careful not to damage the seal. Level the platform by adjusting the screw-jacks positioned on the outer edge.



12. Place the “Nokia” 2G or 3G BTS housing onto removable platform; connect electrics etc as instructed within the BTS manuals to the cabinet. Slide the BTS housing into position within the cabinet locating it into the rear clamp on the base support panel ensuring that the leveling feet on the underside of the BTS are located within the apertures of the rear clamp.



13. Secure the “Nokia” 2G or 3G BTS housing to the base support panel by placing the front clamp onto the base-plate, pushing it hard against the BTS leveling feet and securing it into position with the remaining 2 x M6 posi-pan screws retained from item 1 above.
14. Remove the platform from the cabinet base flange and replace on the door; secure in position with the retaining toggle ensuring that platform does not foul the seal, obstructing the shutting of the door. This operation is a reverse of item 10 above.

15. Remove the lifting lugs by un-screwing the M10 fixing bolts; replace the bolts after removing lifting lugs to seal the exposed holes.

The street furniture unit has also been developed for –48V dc operation under drawing number: S111800A Issue 3. The AC variant remains at Issue-2.

For the 'Installation Instructions' for the -48V dc type cabinet, please refer to pages 16 to 20 of the 2 bay + battery connections instructions within the full Operational Manual which is available on request from O2.

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