

Assembly & fitting guide

XK05WB

XK10WB

Kit Contents (XK05WB)

- | | |
|------------------------------------|---------------------------|
| 1 - Aerial boom with arrow plate . | 1 - Mast clamp. |
| 1 - Dipole and cap. | 2 - Reflector boom assys. |
| 6 - Reflector elements. | |

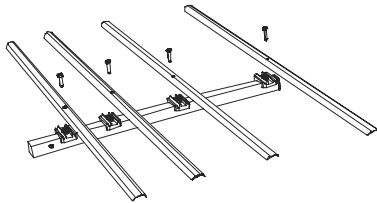
Kit Contents (XK10WB)

- | | |
|-----------------------------------|--------------------------------|
| 1 - Aerial boom with arrow plate. | 1 - Aerial boom elements only. |
| 1 - Mounting cradle. | 1 - Mast clamp |
| 1 - Dipole and cap. | 2 - Reflector boom assys. |
| 8 - Reflector elements. | |

XK05WB and XK10WB

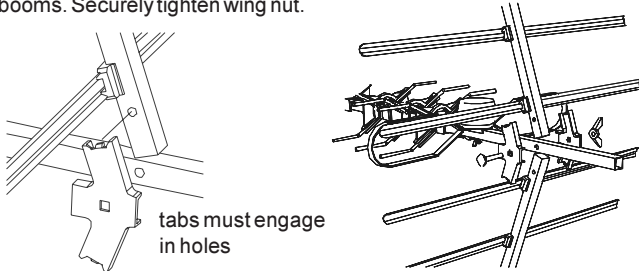
Assemble reflector parts

Assemble the two reflector sections. Ensure reflector elements are securely fastened but do not over-tighten screws. (Diagram shows XK10WB reflector, XK05WB has only three elements.)



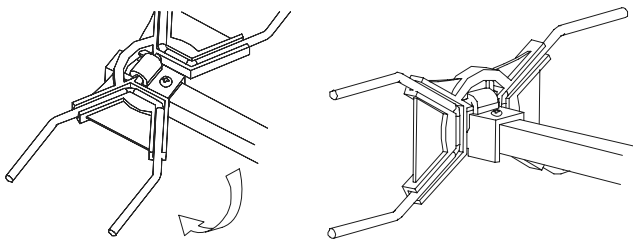
Fit reflector sections to aerial boom

Loosen wing nut but do not remove. Insert both reflector sections as shown. Ensure locating lugs on clamps fit into mating holes in reflector booms. Securely tighten wing nut.



Position elements

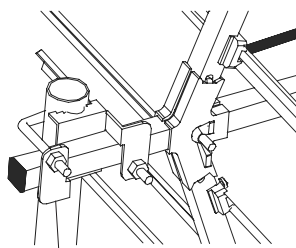
Rotate and snap the X-shaped director elements into a vertical position.



XK05WB only

Fit aerial to a mast

Slide mast clamp over a suitable mast 1" – 2" (25 – 50 mm) diameter and tighten nuts. The diagram shows aerial horizontally polarised, for vertical polarisation rotate aerial through 90° in mast clamp.



mast clamp

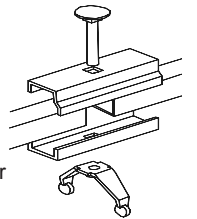
Safety

Working at height - carry out work outdoors at height only if you are competent in the use of ladders and related access equipment. Always work safely within your own limitations, ensuring that all equipment used is appropriate and is in good condition.

XK10WB only

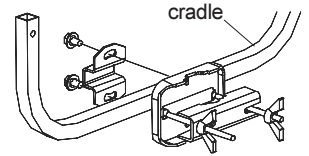
Main mast/boom clamp

Join two main boom sections with plastic plugs at front and rear ends of aerial. Loosen but do not remove wing nut on boom coupler. Join the two uncapped boom ends as shown ensuring that ends are as close together as possible (allowing room for the coupler bolt). Tighten wing nut securely.



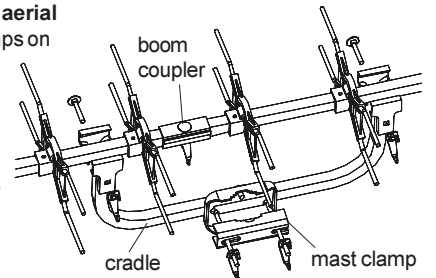
Fit mast clamp to cradle

Assemble mast clamp and fit to cradle as shown. For vertical polarisation rotate cradle through 90° in mast clamp.



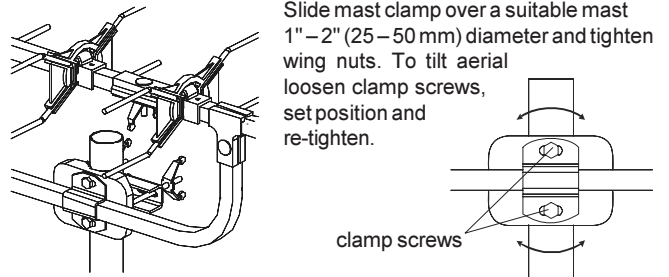
Fit mounting cradle to aerial

Loosen and spread clamps on pre-assembled cradle. Position cradle on booms at balance point of aerial as shown and tighten wing nuts (the diagram shows aerial horizontally polarised).



Fit aerial to a mast

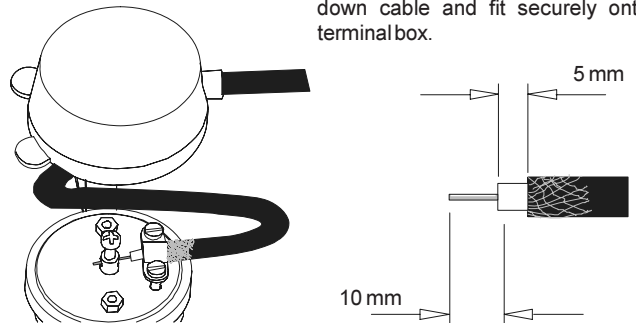
Slide mast clamp over a suitable mast 1" – 2" (25 – 50 mm) diameter and tighten wing nuts. To tilt aerial loosen clamp screws, set position and re-tighten.



XK05WB and XK10WB

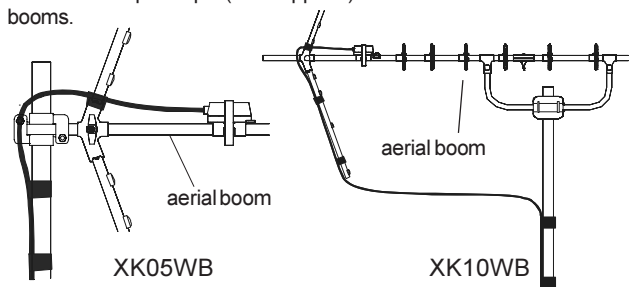
Fit coaxial cable

Remove cover from terminal box and push cable through aperture. Do not enlarge hole as this may allow water ingress. Trim off approximately 15 mm of the outer cable sheath with a craft knife or similar to expose braid (and foil if double screened). Fold braid back over sheath (cut away foil flush to outer sheath) to expose plastic dielectric. Cut away dielectric to leave 10 mm of the centre copper wire exposed. Loosen clamp screws, slide cable under clamp and push centre wire through hole in terminal post. Braid should be positioned underneath clamp but not beyond it. Do not over-tighten terminal screw. Tighten braid clamp screws, ease cap down cable and fit securely onto terminal box.



Recommended cable routes

For best aerial performance cable should be routed as shown and secured with pvc tape (not supplied). Cable should not touch aerial booms.



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