

A-Z Guide B – Box Builds

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Find out more about electronic box builds, what the service entails and includes, plus information about the best electronic box build manufacturers in the UK.

An electronic box build is the complete assembly of a customer's electronic requirements. This ranges from one simple connection to a host of new cables and wiring products being carefully produced and assembled in a machine.

Box Build Assembly

Commonly required in industrial applications, box build assembly can include producing and then implementing different varieties of cable into a system.

Triaxial cable, for example, is similar to coaxial cable but has a third layer of outer shielding, so provides greater protection from outside sources.

When manufacturing triaxial cable the wires are usually bound by cable ties, electrical tape or cable lacing as they can reach several kilometres so it often combined with cable assembly to take up less room.

Overmoulding cable connectors also provide greater reliability for electrical conditions as do waterproof cables.

All these types of cable where a box build assembly may be required are used not only in industrial settings but also marine, medical, military, water utilities and telecommunications and so it often vital that the wiring capabilities are secure and well compiled.

Varieties of Electronic Box Builds

Hunter Cable Assembly (HCA) specialises in electronic box build assembly and other electrical services, so the customer can concentrate on the overall product and not the wiring needs of the machine.

HCA source and produce the components depending on your specific requirements, and then ship them to your facility.

They can support panel assembly, machined parts and assemblies as well as box builds and then test them to make sure they run accordingly.

Box Build Assembly UK

With more than 30 years experience of designing and manufacturing electronic box builds, Hunter Cable Assembly Ltd can produce whatever your machine requires.

Visit www.hcal.co.uk for more information and to discuss your requirements in more detail.