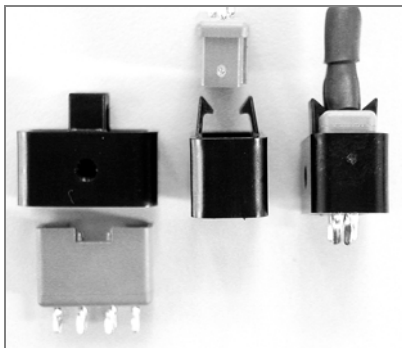


PowerBox Systems

World Leaders in RC
Power Supply Systems

Safety Clip

Operating instructions



for MPX high-current plugs and sockets

(Registered Design No. DE 202 169 33.2)

Dear Customer,

We are delighted that you have recognised the advantages of our security clip for the renowned and popular Multiplex high-current plugs and sockets.

Please use only **genuine MPX connectors!**

Assembled multi-part sockets are available from other manufacturers, but these have a tendency to come apart when disconnected.

The MPX connector system was introduced some time ago, and our Security Clip provides a method of locking the connectors together securely whilst still allowing disconnection at any time.

The MPX connector system has proved extremely successful over the full range of modelling applications, including electric flight, model cars and boats, wing-mounted servo connectors, all types of battery, and - in our case - **the production of battery backers.**

However, many modellers have found that this connector requires a method of locking, especially if the model is subject to severe vibration. Common methods are a piece of insulating tape or a cable tie. The drawback of these methods is that they always have to be re-fitted or replaced after the plug and socket have been disconnected.

The Security Clip which we have developed can easily be attached (glued) to the high-current plug.



The first step is to **solder** the high-current plug to the **cable (please note: the terms 'plug' and 'socket' always refer to the metal contacts!)**. Now simply slide the Security Clip over the plug to a point where about 3 mm of the green plug housing is exposed. The hole in the Security Clip should be located on the enclosed face of the high-current plug.

You can now apply a small drop of **low-viscosity** (thin) cyano-acrylate glue to the still exposed green surface. **Don't apply too much glue!**

Push the Security Clip fully onto the plug; when correctly positioned, the Clip should end flush with the underside of the plug.

Excess glue can easily be wiped off the surface.

Now wait 3 or 4 minutes for the adhesive to cure fully, and the job is done.

Order No.: 9100 (pack of 6)



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