

Accuinterface XH-System

Art.No. 1129

Last update: 26.08.2011

The **Accuinterface XH-System** is an electronic board, equipped with:

- a connecting plug (A) for the *Pulsar-EQUAL*
- a communication cable (B) to be connected to the temperature sensor socket of the *Pulsar 2*
- a socket for the temperature sensor

The 12 equalizing channels are realized with 13 conductive strips. (1 x negative and 12 times positive for the representative cells in the accupack). On the board there are three rows of 13 holes each. (D) The distances between the holes in a row are 2.5 mm. But the holes are big enough, to also accept sockets with a pin distance of 2.54 mm. These three rows of holes offer the possibility to realize individual equalizing configurations with the different plugs in use today. This Accuinterface for XH-balancer plugs (Xpower, Dualsky and other packs mainly from Far East) can be used for a large number of different accupacks by soldering the matching XH-Sockets on to the board. Five sockets with 3, 4, 5, 6 and 7 pins come with this kit.

Realizing different connections

You can solder various XH-sockets to the board of this accuinterface, matching your accupacks. In doing so, please follow the sequence below.

- Pin 1 – negative pole of the accupack
- Pin 2 – positive pole of cell 1/negative pole of cell 2
- Pin 3 – positive pole of cell 2/negative pole of cell 3

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- Pin 12 – positive pole of cell 11/negative pole of cell 12
- Pin 13 – positive pole of the accupack

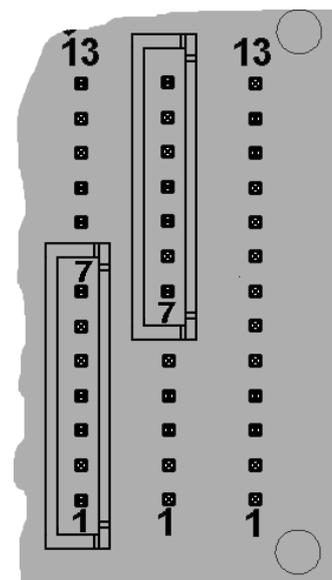
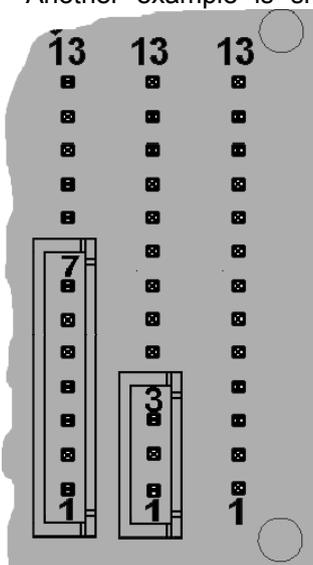
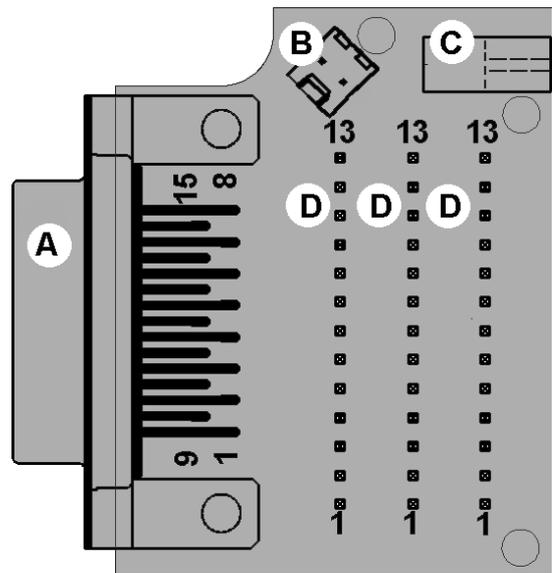
If an accupack has two balancer cables, e. g. a 12 cell accupack one for 6 cells each, the sockets need to be placed on the board, so that the negative pole of the pack is connected to hole 1 and the positive pole of the

accupack is connected to hole 13. This results in an overlapping positioning of the two sockets in row one and two. Thus the positive pole of cell 6 is connected to the negative pole of cell 7, the same as it is connected within the accupack itself (refer to right drawing).

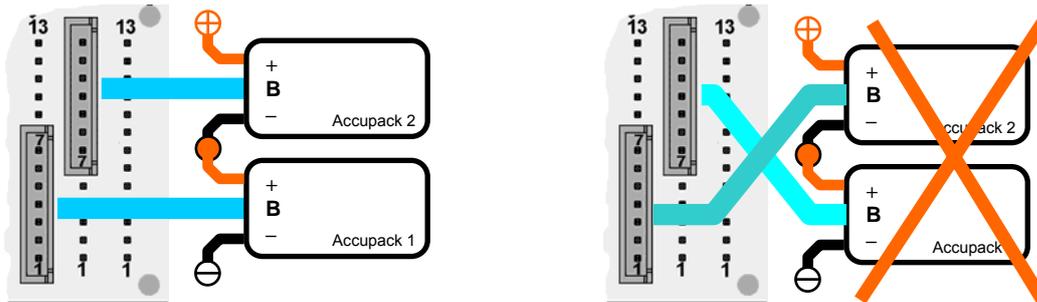
Another example is shown on the left drawing. Here two different XH-sockets have been soldered to the board. The left one is a 7 pin socket for a 6S-accupack and the right one is a 3 pin-socket for a 2S-accupack.

Always keep in mind, that with the XH-sockets the closed side always points to the Sub-D-Socket and the slots point into the other direction. Accordingly the black balancer cable is always connected to pin 1 of the accuinterface.

It is also possible to use further different socket set ups. Thus any combination to connect an accupack can be realized. Additional XH-Sockets (Art.No. 1128) are available from us. The third row of holes can be used to connect other plug systems by soldering the adapter cables to it. Although the XH-board can be used for different connecting systems, we recommend to use specifically configured boards or at least adapters (e.g. Bantam) for each application. Only this guarantees a maximum of safety.



Please notice how to connect two accu packs.



WARNINGS

- always check the polarity
- avoid any short circuits
- always connect the accupack to the **Accuinterface UNI first**, and then the **Accuinterface UNI** to the Pulsar-Equal
- if you detect any irregularities during the operation, immediately stop the process and contact our service line.

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