

Bantam e-Station EAC14x “Multi Battery” Connection board Instructions.



**Please follow the following instructions
very carefully.**

Instructions for connecting EAC14x
“Multi Battery” Connection board to
Bantam e-Station BC-6 charger and
e-Station PB-6 Balancer.

WARNING: Incorrect connection to e-Station BC-6 charger and/or e-Station PB-6 balancer will damage the charger or balancer. You must follow these instructions carefully to ensure proper connections. Please read these instructions carefully. If you have any questions please contact your dealer or RC Accessory, Inc. Please refer to the picture as additional reference for the connections.

The EAC14x “Multi Battery” connection board allows you to charge or balance 2 x 3S lithium packs or up to 3 x 2S packs. The EAC14x connection board links the battery packs together serially via the balance tap. Looking at the EAC14x board, you will see markings designating the battery connection. These are marked as B1, B2 and B3.

B1 = Battery 1
B2 = Battery 2
B3 = Battery 3

This example will be connecting 2 3S packs to the EAC14x “Multi Battery” connection board.

- 1). Plug the EAC14x connection wire set that was included in your package into the EAC14x board with the **BLACK WIRE** Negative lead at Pin 1 on the BC-6 Charger or PB-6 Balancer. Do not connect this to the EAC14x board at this time.
- 2). Connect battery 1 balance tap to socket B1.
- 3). Connect battery 2 balance tap to socket B2.
- 4). Using a Deans or Ultra Plug Serial cable, look for the black negative wire. See picture. **THE NEGATIVE LEAD OF THE SERIAL CABLE MUST BE CONNECTED TO BATTERY 1.**
- 5). Connect battery 2 to the **RED POSITIVE LEAD** on the Deans or Ultra Plug Serial cable.
- 6). Connect the remaining end into the EAC14x “Multi Battery” connection board.

For e-Station PB-6 balancer: When you make the last connection to the balancer you should see all 6 lights flash several times. This indicates the number of cells that the balancer has detected. All the lights will flash or cycle except 1 which is the low cell. All cells will be balanced to the low cell. See PB-6 instructions for more information.

For e-Station BC-6 charger: Now you must connect the Output of the charger to the Deans or Ultra Plug

Serial cable using a Deans or Ultra Plug charge cable. This completes the connection to the charger.

Select the Balance Charge program on the BC-6 Charger. Select your charge rate, up to 1C. Now select your number of cells. **REMEMBER THIS IS A SERIAL CONNECTION SO IN THIS EXAMPLE YOU WILL SELECT 6S.** Press and hold START and the cell confirmation should show 6 cells. Press START again and the charging process will begin. Press the <INC> key to see the individual cells. Cells 1-3 will be BATTERY 1 and cells 4-6 will be BATTERY 2.

Notes about serial charging. The 2 batteries **MUST** be very close in voltage when the charge process begins. The two batteries should be of the same brand, style, C rating, and capacity. **DO NOT SERIAL CHARGE UNLIKE BATTERIES, CHEMISTRIES, CAPACITIES OR EVEN BATTERY BRANDS.**

The amount of time required to charge the two batteries will be determined by how far off the balance among the cells. If the two packs are very close in voltage, no additional time would be required. If they are too far apart, the e-Station BC-6 will see this as a 6S pack that is severely out of balance and in the CV portion of the charge will take a long time to bring back into balance. In these cases, you may have to reset the Safety Timer on the BC-6 charger to a higher time cut off. See BC-6 manuals for details.

RC Accessory, Inc makes no claim or warranty in the use of the EAC14x “Multi Battery” connection board. Misuse of this device can cause charger/balancer and battery damage with the potential for fire. RC Accessory, Inc will not be liable for any damages by the use of this product in any manner, foreseeable or not, as well as any loss of property or income. RC Accessory, Inc fully recommends and endorses the use of a fire retardant charging enclosure such as the Liposack. This device is not a toy and should be treated with care and respect.



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● Balancing the multi Lithium battery packs

You can charge and balance several Lithium batteries at the same time, by using optional "Multi-board adaptor" (*). Please note that the battery packs being charged should have same capacity and cell-count.

* Part no. EAC143, EAC144, EAC148 and EAC149. For more information, please check them at our web pages.

