

The 208 Hub Users manual

Hi,

Thank you very much and congrats for purchasing the 208 Hub.
You'll definitely enjoy how it expands your 208 or Easel.

The 208 Hub makes it possible to plug 3 cards side-by-side to a 208 or Easel, or even up to 6 thanks the rear edge connector of the ToolBox series cards.

- 3mm thick 4-layer PCB for best stability and rigidity
- M/F stackable gold plated banana plugs to access the panel banana sockets used for mounting
- Gold plated transfer card
- Easy plug and play design
- Jumpers to use the 208/Easel's +/- 15V rails or the optional +/-15V PSU powered from 9 to 36V DC (the common 12V Cincon external block works fine) to relieve the 208/Easel's own PSU if more than 3 cards are used together
- Works with any card or expander compatible with the 208's program card slot.

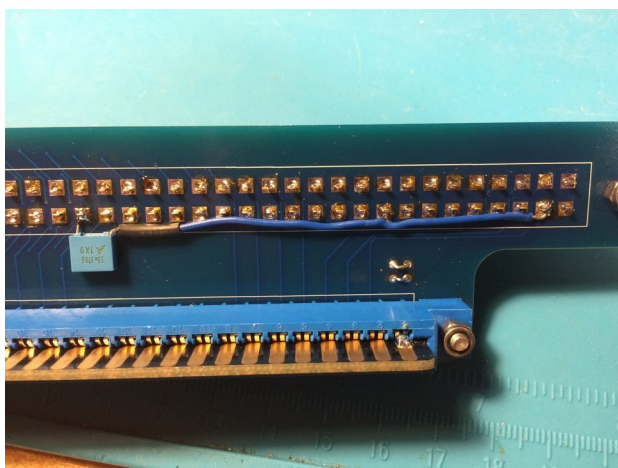
First installation

1. Turn off the Easel or 208.
2. Insert the black transfer card into the Hub's bottom edge connector.
3. Insert the banana plugs into the 208's banana jacks of the top row. The extra one is a spare.
4. Plug the Hub, inserting the protruding part of the transfer card into the 208's card slot. The banana holes should align with the banana plugs.
5. Screw the top part of the banana plugs across the Hub's holes.
6. If your Hub has the power option, plug the supplied DC/DC cable into any of the Hub's DC sockets and the Easel's or 208's DC socket. Plug the Easel's or 208's external DC power brick into the Hub's other DC socket.
7. Plug your cards into the Hub's slots at your best convenience.
8. Turn the Easel or 208 on.

Tips

Not all edge connectors have the same depth. Depending on your 208's one, bad contacts may occur because the transfer card between the Hub and 208 is not pushed deep enough into the 208's connector. To fix this, insert a piece of wire into the Hub's connector so that the transfer card protrudes a little more. You can solder the transfer card's contacts 1 and 28 to the Hub's edge connector to prevent it from staying in the 208's edge connector when the Hub is unplugged.

If the envelope or pulser bleeds into the LPG1 when the Hub is inserted, add a 33nF capacitor to the back of the left edge connector between contacts 2 and 22 of the bottom row.



Disclaimer

I assume no liability for personal injury or damage to equipment or loss of use caused directly or indirectly by the use of the Hub.