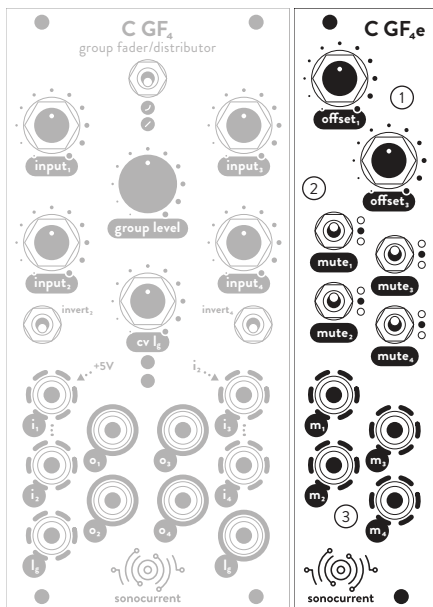


- ① offset voltage:  
channels 1 & 3
- ② mute switches:  
channels 1–4
- ③ mute control inputs:  
channels 1–4



+12V: 10mA • -12V: 15mA • 6HP

The C GF<sub>4</sub>e expander attaches to a C GF<sub>4</sub> group fader/distributor module via a ribbon cable connection at the back of each module, and adds offset controls and mute functions to the core C GF<sub>4</sub> module.



To connect the C GF<sub>4</sub>e module to a C GF<sub>4</sub> core module, remove the six jumpers on the 12-pin expansion connector on the C GF<sub>4</sub> and then attach the provided ribbon cable to both modules. The orientation of the ribbon cable must be the same on both modules (i.e.: stripe down). The expansion connectors are not shrouded, to help differentiate them from the shrouded power connectors, and neither cable should be forced onto the wrong connector.

The offset controls of the C GF<sub>4</sub>e apply a bias voltage of 0–5V to channels 1 and 3 of the attached C GF<sub>4</sub> module, with a dedicated control for each channel.

The mute functions for channels 1 through 4 may be triggered manually with the toggle switches at the center of the control panel (latching in the upward direction, and momentary in the downward direction). Each mute function may also be triggered with a voltage of at least 2.5V at the corresponding control input, and the mute will remain engaged as long as the input voltage remains above the 2.5V threshold.

A detailed user guide for all Sonocurrent modules is available online, at the bottom of each product page: [www.sonocurrent.com](http://www.sonocurrent.com)

For more specific technical support, or if you encounter a problem with your module, please contact [support@sonocurrent.com](mailto:support@sonocurrent.com)