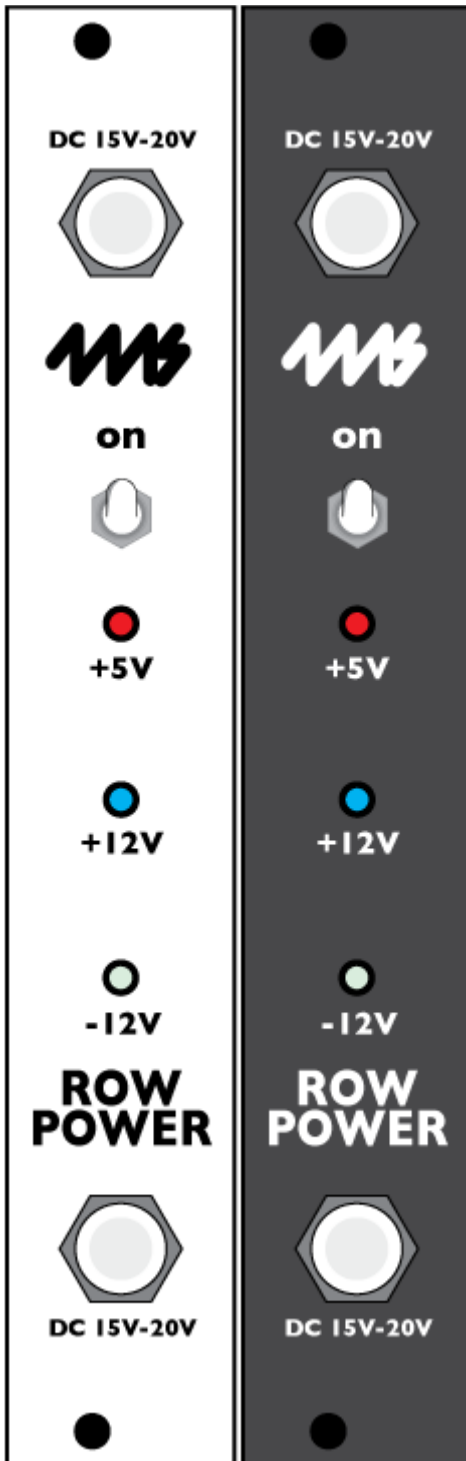


# ROW POWER

## 4ms Company

### Eurorack Power Module

#### User Manual v1.0 (2014-03-10)



The ROW POWER is a power supply module for the Eurorack modular system. It requires a barrel-style power brick (15V to 20V DC), and supplies power to modules via flying bus cables and/or distribution (bus) boards.

Multiple ROW POWER modules can be powered from a single power brick by daisy-chaining with a short barrel cable.

#### **ROW POWER 30 (white panel):**

Recommended for a single row (up to 104HP)

- +12V: 1.5A
- -12V: 0.75A
- +5V: 0.5A

#### **ROW POWER 40 (black panel):**

Recommended for up to two rows (up to 208HP)

- +12V: 1.5A
- -12V: 1.25A
- +5V: 1.5A

#### **Power Brick:**

- Compatible power bricks are available wherever ROW POWER modules are sold. You also may use your own power brick if it meets the following requirements:
  - 15V to 20V DC
  - Positive center 2.1mm barrel plug
  - Minimum 30W output power
  - Low-noise output

#### **Features:**

- Two identical barrel power jacks at top and bottom for daisy-chaining (either jack can be used for power input or chaining)
- On/off switch
- LEDs indicate status of each power rail (+12, -12, +5)
- 4HP wide
- 24mm deep (0.96"), up to 28mm (1.1") with power cable
- For use with flying bus cables, passive distribution boards (for example, the 4ms Bus Stick)

**DOWNLOAD MOST RECENT MANUAL AT:**  
<http://4mspedals.com/rowpow.php>

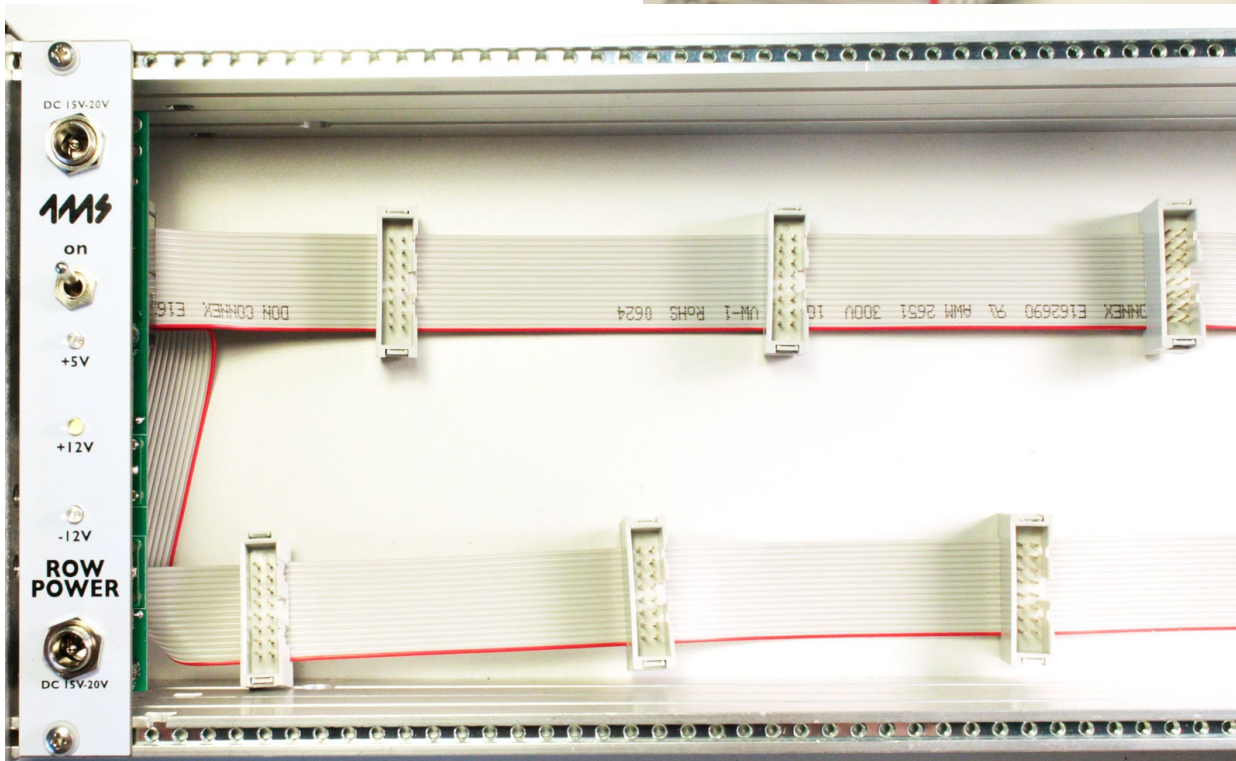
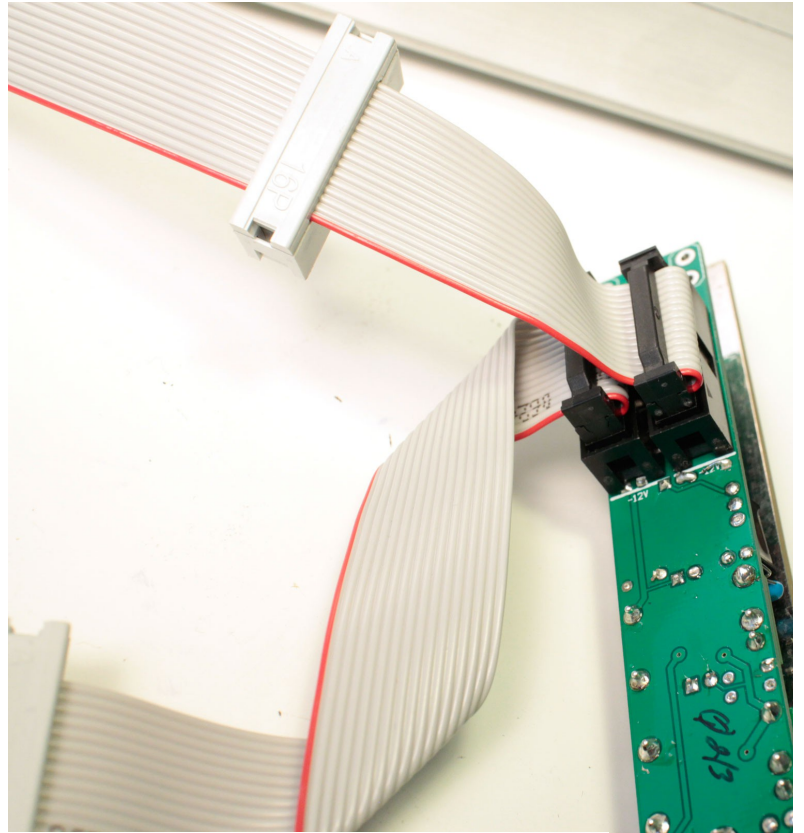
## Installation

ROW POWER can be used with either flying bus cable(s) or a distribution board such as the 4ms Bus Stick. You also may choose to use a distribution board **and** one flying bus cable.

### Flying Bus Cables

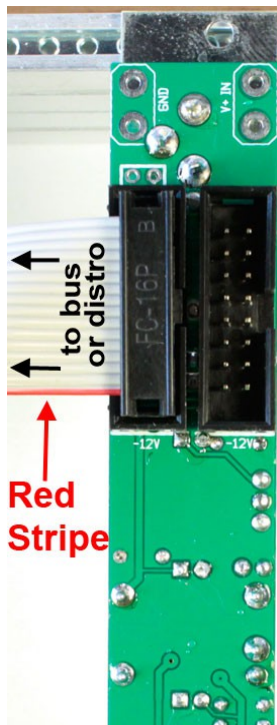
Each flying bus cable has a female connector on one end. Simply plug the female connectors into the male pins on the back of the ROW POWER. The notch on the male pin connector will prevent you from plugging it in backwards, but be safe and check that the red stripe is orientated towards the bottom of the ROW POWER module.

If you have less than 6-7 modules, you can just use one flying bus cable.



## Distribution Board (Bus Stick)

Any passive power distribution board can be used with ROW POWER, these instructions will use the 4ms Bus Stick as an example.

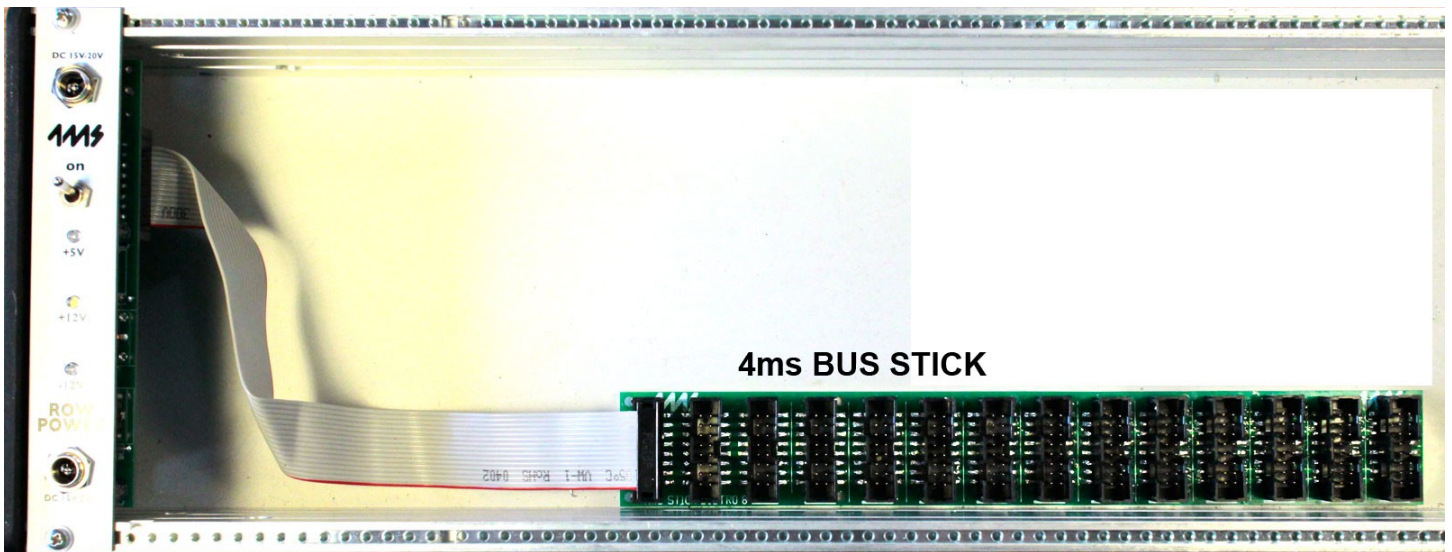


**Step 1:** Plug the included power cable into the back of the ROW POWER module. The notch on the male pin connector will prevent you from plugging it in backwards, but be safe and check that the red stripe is orientated towards the bottom of the ROW POWER module.

(See photo at left)

If you have a second distribution board or a flying bus cable, you can connect it to the second header on the ROW POWER.

Screw the ROW POWER to your rails. Typically power modules go on the extreme left or right side.



**Step 2:** Plug the other end of the power cable into the nearest header on the Bus Stick. Again, verify that the red stripe is down. (See photo above)

**Step 3:** If you haven't already secured the Bus Stick to your case, position it to where you want and make a small mark to indicate this spot. Now peel off the paper from one side of the pads, flip over the Bus Stick, and press each pad firmly to the back of the Bus Stick (see photo below). Then peel off the other side of the pads and firmly press the entire Bus Stick to the back of your case. **Firm pressure for 20 seconds directly over each pad is required for a long lasting bond.** To remove the Bus Stick at a later date, gently pry it up with a plastic card or screwdriver. Remove residue (if any) by rubbing with a cloth, or with a small amount of alcohol.

