

The VCCM series are modular, user configurable power supplies offering unrivalled performance and flexibility. Our standard output modules offer voltages from 1.5V_{DC} to 58V_{DC} and can deliver up to 25A per module. The VCCM PSU also offers customers the potential to connect output modules in series or parallel resulting in output voltages of up to 240V_{DC} and output currents of up to 100A at output powers of up to 600 watts. The flexibility of the VCCM power platform enables customers to configure solutions locally for almost any application.

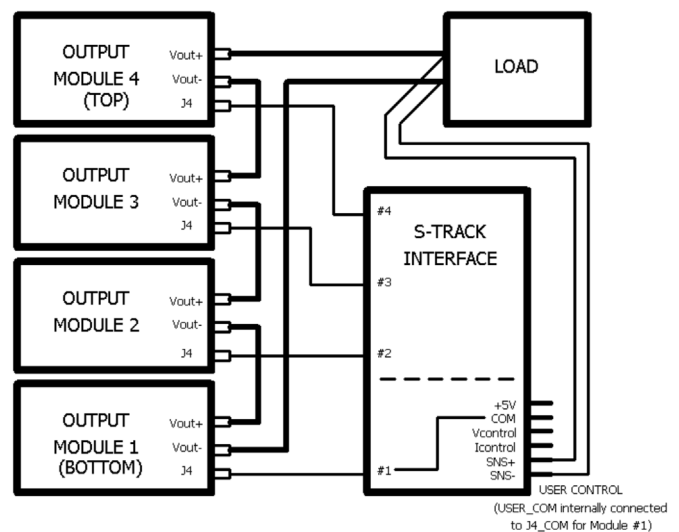
Output modules A, B, C & D also come with full range analogue remote control of both voltage and current as standard. The S-Track Interface accessory allows a single control voltage to control multiple outputs (of the same type) which have been connected in series.

Typically, the control of multiple outputs connected in series requires complicated circuitry to generate isolated control signals for each output module. Vox Power's S-Track Interface plugs directly into each output module and provides a single analogue control bus for up to 4 modules of the same type which are connected in series.

A typical configuration is illustrated in the diagram opposite which shows four modules connected in series which are fully controllable through the S-Track Interface. However, two or three modules connected in series may also be controlled in the same manner.

To control all modules connected in series the customer should connect the power cables (and sense cables, if required) as shown in the example. Set the switch settings on the S-Track Interface for the correct number of series modules (see table opposite), then attach the S-Track output cables (1, 2, 3 & 4) to J4 on each module in the series chain.

When controlling less than 4 modules leave the remaining signal cables unconnected. The bottom module should always be connected to S-Track output #1, then the next to #2 and so on until the top module is reached.



Series Tracker Interface programming

Switch setting (1=ON, 0=OFF)		O/P's
1	2	
1	0	2
1	1	2
0	1	3
0	0	4

Notes:

- The module numbers in the diagram above have no relationship to chassis slots.** They refer to the sequence of the modules in the series chain. Module 1 is always the first module in the series chain and should have its negative power terminal connected to the load. It can be located in any chassis slot. The control voltage into the S-TRACK should be at the same potential as this negative terminal.
- Only modules of the same type should be connected in series and normal grounding precautions as described in the user manual should be observed.
- Incorrect wiring sequence will result in damage to the S-TRACK and/or the PSU.** The S-Track Interface is not isolated and is referenced to the COM pin on J4 of Module 1 (Bottom).

Contact Vox Power for further assistance if necessary.

Ordering information – P/N: ACC-VST

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