

Order No. R700 0104



The Powerhouse is a ten module rack designed to accommodate all 500 series modules. Powered by a 1600 milliamp shared supply, the Powerhouse is well equipped to handle current hungry tube modules. And as with all Radial power racks, the Powerhouse has extra safety features to ensure stable and trouble-free powering. Each slot is equipped with XLR and ¼" TRS connectors for i/o and cross patching. The feed function eliminates the need to patch adjacent modules while the link switch enables stereo modules to be paired without having to pull out a solder gun. Front panel LEDs monitor the +/-16V rail supply along with the 48 volt phantom power feed. Construction is 14 gauge steel throughout for added durability and extra shielding.

FEATURES

- 10-slots in 3RU design for maximum density
- Innovative feed and link functions
- Alignment tray for easy module insertion
- Individual XLR & ¼" TRS i/o on each slot

APPLICATIONS

- Multitrack recording systems
- High-density effects rack for live
- The perfect side car for recording
- Create monster 500 series set-ups

COOL FACTORS

- Omniport for extra functionality
- Backwards compatible with API modules
- Tons of current for power hungry modules
- Quick to swap modules with Easy-glide tray

SHARED POWER POOL

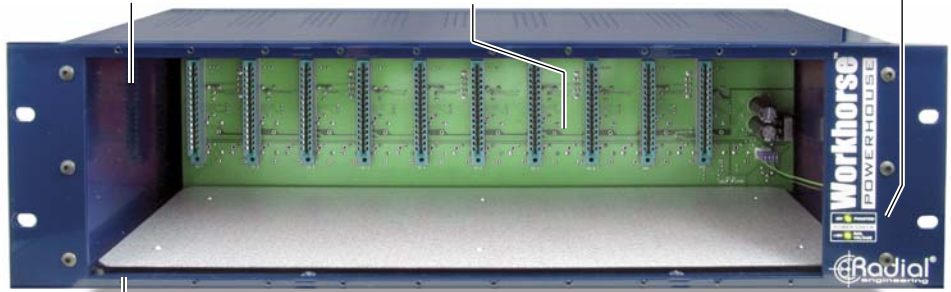
The Powerhouse employs a shared power pool whereby each module will draw a certain amount of current from the total 1600 milliamps available. You simply add up the specified amount of current draw for each module.

Slot 1	PowerTube	235mA
Slot 2	Q3	35mA
Slot 3	Komit	72mA
Slot 4	PowerTube	235 mA
Slot 5	Q3	35mA
Slot 6	Komit	72mA
Slot 7	PhazeQ	70mA
Slot 8	Empty	-
Slot 9	Empty	-
Slot 10	Empty	-
Total current draw		1154mA
Current to spare		446mA

10 SPACE RACK – Ten fully compatible card-slots give you plenty of room to create the most elaborate signal chains.

SAFETY CIRCUITS: Protects the rack and adjacent modules from arcing and shorts in case of accidental disconnect.

POWER LEDs – Indicators provide visual status for +/-16 volt rail voltage and 48 volt phantom power.



ALIGNMENT TRAY: Makes it easier to insert modules by vertically aligning the card-edge with the receptacle.

STEREO LINK: Linking modules in stereo operation is done by simply flipping the LINK switch.

FEED FUNCTION: Sends the output from one module to the input of the next eliminating inter-module patch cables.



HIGH CURRENT SUPPLY: 1600mA of shared current for power-hungry tube modules without fear of brownouts.

TRS CONNECTORS – Balanced ¼" are wired in parallel with XLRs. Used to cross-patch modules and for parallel processing.

OMNIPORT: ¼" TRS jack changes function depending on module installed as determined by the manufacturer.



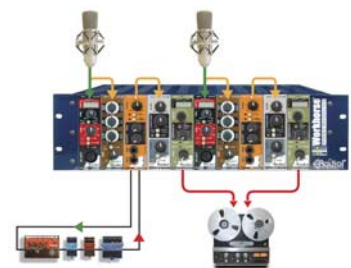
LIVE RECORDING WITH THE POWERHOUSE

For ultra clean recording, stack up ten Radial PowerPre mic preamps and split the signal using the balanced XLR and TRS outputs to feed the PA and recording system.



ADDING A SIDE-CAR TO YOUR SYSTEM

The Powerhouse gives you plenty of space to use it as a side-car for your recording system or live sound setup. The compact design makes it easy to add effects or warmth to the signal path.



THE ULTIMATE STEREO GOLD CHANNEL

With 10 slots, you can combine as many as 5 modules together to create the ultimate stereo preamp. Use a Radial Powertube for 12AX7 tube warmth, a Q3 coil EQ for the magic of old-school induction coils, and then add effects to suit.