

Order No. R700 xxxx



The Submix is a 4 x 1 mixer module designed to fit the 500 series format. It enables you to combine multiple audio stems such as line level devices, keyboards and effects together and route them as needed. You simply connect the source instruments to the ¼" unbalanced inputs on the front panel and mix using the four controls. The mixed signal is sent to the XLR output on the rear panel of the power rack where it can then feed another 500 series module, mixer or your recording system. The mixer itself is very quiet. It employs Radial's unique VariState gain control whereby input sensitivity and gain are simultaneously adjusted to ensure noise is kept to a minimum. The Submix is 100% compatible with all 500 series racks and when plugged into a Radial Workhorse, the Omniport enables two or more Submix modules to be combined to create a larger 8x1 or 12x1 mixer.

**FEATURES**

- 4x1 mixer fits any 500 series rack
- Compact single rack space design
- Convenient front panel connectors
- Can be expanded to 8x1 via Omniport

**APPLICATIONS**

- Works great as a keyboard mixer
- Super compact effects return module
- Lets you combine various effects
- Use it for zero latency tape returns

**COOL STUFF**

- Lets you do more with your current rack
- Opens the door to creative setups
- Backwards compatible with API
- 3 in a Powerstrip creates a 12x1 mixer!



**FULL ENCLOSURE** - 100% steel casing reduces magnetic interference from other nearby modules that may cause pollution.

**LEVEL** - Accustate input control, simultaneously adjusts the sensitivity and gain for maximum signal to noise. Use to adjust input levels for each of the four channels.

**CHANNEL ID** - Large, easy to see input level and channel identification numbering improves workflow efficiency in the studio.

**STEEL SHAFT POTENTIOMETER** - Eliminates problems associated with plastic shafts for greater durability. Dual wafer through-hole solder points for improved long-term performance.

**XLR OUT** - The Submix routes the 4 channel mix to the XLR output on your 500 series power rack.

**OMNIPORT** - Designated as a virtual-earth mix-buss input, enables multiple Submix modules to be used together when used with a Workhorse to create 8x1, 12 x 1 or larger mixers.

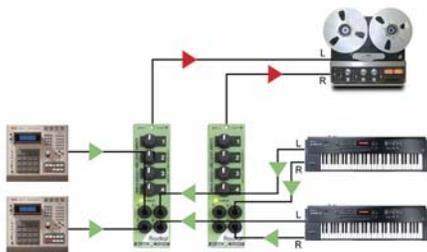
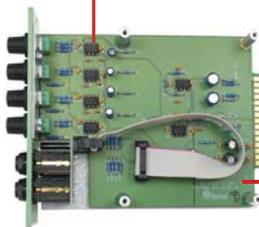
**INPUTS** - Four separate ¼" inputs to connect keyboards, drum machines, effects returns and other unbalanced line level sources.

**DOUBLE LAYER FRONT PANEL** - Steel construction adds rigidity to reduce stress on the PC board. Provides the solid feel one expects from a Radial product.

**LOW NOISE ELECTRONICS** - Virtual-earth mix buss and high performance ICs combine with Accustate auto-padding input to deliver low noise and minimal distortion at all levels.

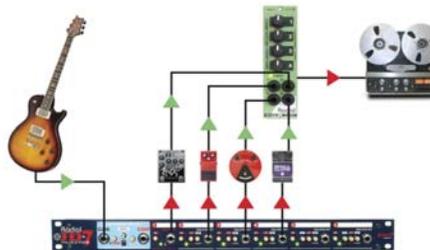
**GOLD PLATED 15-PIN CARD EDGE** - Double-sided to ensure positive connection to the receptacle for improved mating connection.

**MIL SPEC CIRCUIT BOARD** - Features double sided PCB and full ground plane to assure lowest noise and durability for years of trouble free performance.



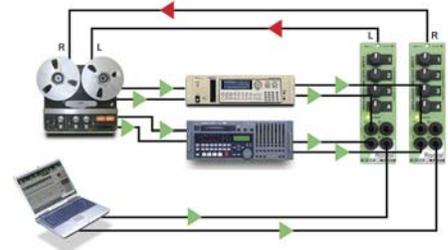
**USING THE SUBMIX WITH KEYBOARDS**

The Submix is the perfect little mixer to mix keyboards into your recording system. Use two together for stereo by sending the left outputs to one and the right outputs to the other.



**USING THE SUBMIX WITH EFFECTS**

Use the Submix as an effects return when combining multiple pedals. It works with guitar pedals, line level devices or use it to record instruments.



**USING THE SUBMIX FOR AUX INPUTS**

No matter how big the studio, there never seem to be enough handy inputs! The Submix makes it easy to bring tape returns and stereo feeds into your 500 series rack. Just plug in and set the levels!