

## Features and Benefits

# S-4000M REAC Merge Unit



### Product Positioning Statement

The S-4000M enables inputs from up to four Digital Snake units to be merged into a single REAC stream providing the ability to distribute multiple input/output units around a location, venue or stage for flexible point-to-point digital snake or V-Mixing System configurations.

The S-4000M supplies embedded power over Ethernet to supported REAC devices (e.g., S-0808) and enables input management through an auto mapping function, computer running RSC software or any RSS V-Mixer digital console. The S-4000M is perfect for new installations and current customers of the V-Mixing System that require greater flexibility in placement of digital snake heads supporting multiple stage configurations.

### Applications

#### Outdoor Festival/Live Concert

Using the S-4000M in combination with S-0808, S-1608 and or S-4000S each band or musical group can have their own stage inputs preset and then quickly recalled into the V-Mixer console or FOH Digital Snake unit enabling quick set changes. The S-4000M REAC Merge Unit allows for high input count, flexible and configurable audio on stage and can also supply power over Ethernet to the S-0808 stage boxes.

#### Worship

Used in conjunction with RSS Digital Snakes, the S-4000M provides flexibility for a variety of stage setups for houses of worship. The S-4000M provides a way to merge up to four REAC Digital Snake Units into one 40 x 40 REAC stream. Multiple digital snake units can be strategically placed near drum riser, keyboards, background vocal, and instruments or connected through floor pockets on the stage that can be merged using the S-4000M.

#### Mobile Broadcast

Use up to four S-0808s in combination with the S-4000M REAC Merge Unit to distribute I/O around a stage. Put an S-0808 on the drum riser, another by keyboards, another with guitars and another with background vocals. Allows flexible stage configurations as well as provides power to each S-0808 stage boxes.

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Feature	Function	Benefit
<b>REAC Merge</b>	Combine inputs from up to 4 Digital Snake Units into a 40 Channel REAC stream	Increased flexibility in system design and placement of inputs and outputs
<b>Remote Control</b>	D-Sub 9-pin input to connect the S-4000R remote controller or a computer with running RSC software	Remotely control input channel patchbay as well as phantom power and gain of each input.
<b>REAC Embedded Power</b>	Supplies necessary power to up to four devices.	Enables audio I/O to be placed anywhere regardless of whether AC power exists in that location or not.
<b>Mode Switch</b>	Use an S-4000M as a way to merge all connected devices or to power a 16x16 point-to-point digital snake system.	Versatility in how to use the S-4000M depending on application.
<b>Auto Map Slave</b>	Resets the system, optimizing the arrangement of input channels sequentially starting at Port 1 moving to Port 4.	Quickly setup any configuration without the need to connect software to manage mapping.