



streams.preamp

CS-MR-8

The ClareHome multi-room audio solution is based upon CobraNet®, the leading standard for distributing high quality, real time digital audio over Ethernet. The streams.preamp is an eight analog stereo port and one digital SPDIF input preamplifier, where up to five analog stereo ports may be configurable as inputs/outputs, with 3 analog stereo ports dedicated as outputs. The unit is offered in a 1-U form factor with ears for rackmount configuration or without for compact placement.

- Uncompressed streaming audio transmission based on CobraNet®.
- 8 unbalanced stereo outputs
 - 5 unbalanced analog audio channels configured as 5 stereo inputs or outputs
 - 3 unbalanced analog audio channels dedicated as 3 stereo outputs
- 1 digital audio SPDIF input
- 5 band EQ on each stereo output
- Gain settings on each input and output
- Max volume on each output

CobraNet Compliant

Based on CobraNet®, the streams.preamp provides you with ultimate flexibility in high distributed audio design.

- Expansion of the Clare Streams network is virtually limitless, as up to 64 channels of audio can be distributed over a 100 MB switched Ethernet network.
- The streams.preamp is fully synchronized with latency under 7 ms.

ClareHome Audio

The ClareHome Audio application seamlessly integrates with the Multi-Room Audio Solution. Whether you are accessing internet services or a local CD player the ClareHome Audio application makes it simple to select your source and send it to any room or group of rooms in your home.



Configurable Multi-Room Music Controls



front view of streams.preamp



rear view of streams.preamp

Technical Specifications

Overview

Maximum analog stereo outputs	8 RCA jacks
Maximum analog stereo inputs	5 RCA jacks
SPDIF digital audio input	1 RCA jack
Frequency response	20Hz - 20kHz, +/- 1 dB
THD+N	<0.05% at -3 dBFS
Noise	-83 dBu
Maximum Power Consumption	10 Watts at 12 VDC 2.1 mm jack
CobraNet®	RJ-45
Dimensions (HxWxD approx.)	1.7 x 7.5 x 6.6 in (43.18 x 190.5 x 167.64 mm)
Dimensions with rack mount (HxWxD approx.)	1.7 x 19 x 6.6 in (43.18 x 482.6 x 167.64 mm) (2x rack mounting ears included)
Weight (approx.)	1.5 lb (0.68 kg)
Operating temperature	32 to 104°F (0 to 40°C)

Audio Input Details

Line input type	Unbalanced
Maximum Input Level	+8 dBu
Inputs	Up to 5 analog stereo and 1 digital SPDIF input
Input Impedance	10 kΩ
Sample Rate	48kHz
Resolution	24 bit

Audio Output Details

Line output type	Unbalanced
Maximum Output Level	> +4 dBu
Outputs	Up to 8 analog stereo
Output Impedance	680 Ω
Sample Rate	48kHz
Resolution	24 bit

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, Class D amplifiers, media distribution, controllable lighting, and IP CCTV components. For more information, visit clarecontrols.com.