

DA 2x8SH Distribution Amplifier with StudioHub+ RJ-45 Connectors



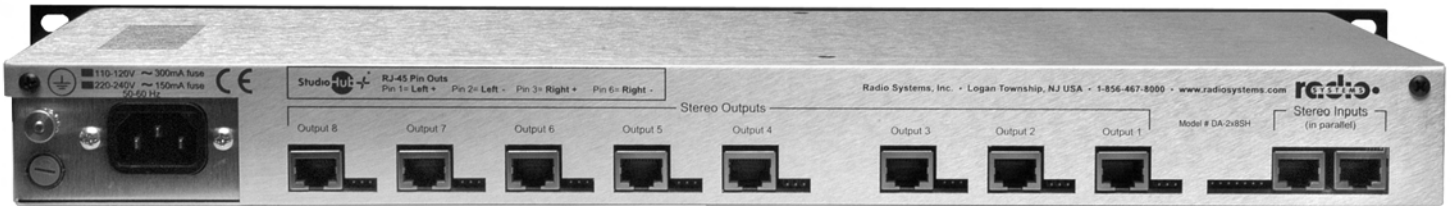
Combining the best of two worlds – Radio Systems’ famous ultra low-noise and low-distortion Audio Distribution Amplifiers are now available with StudioHub+ connectivity

StudioHub+ provides instant plug-and-play RJ-45 stereo connections to DA inputs and outputs, speeding initial installation and simplifying changes and troubleshooting. Wire all connections with CAT-5 twisted pair or use pre-made standard Ethernet-style patch cords for additional wiring efficiency.

All “SH” model products are circuit optimized for CAT-5 connectivity performance. This means that the inputs use instrumentation amplifiers, for ideal differential input balancing, ensuring the units excellent crosstalk specifications. Outputs utilize “electronic transformer” floating circuitry allowing traditional transformer style (one leg tied to ground) wiring to unbalanced sources with maximum output levels unaffected.

- Stereo / Eight Output Configuration
- StudioHub+ RJ-45 rear panel connectivity
- Front-panel L/R level sets
- Internal low-noise torroidal transformer
- Front-Panel audio presence and overload LED indicators
- 110/220 Volt internal voltage selectable





DA-2x8SH

Specifications

Overall

Frequency Response	+0, -1dB / 20Hz - 20kHz
Distortion THD + N	.002% / 20Hz - 20kHz, any output level from +4dBm to +24dBm (with 600 ohm load)
Distortion IMD SMPTE	.003% any output level from +4dBm to +24dBm (with 600 ohm load)
Distortion DIM	.002% any output level from +4dBm to +24dBm (with 600 ohm load)
Crosstalk	-105dB / 20Hz - 20kHz
Noise	102dB below +4dBm output level unity gain measurement bandwidth 20 Hz - 20kHz with 600 ohm input and output termination
Headroom	21dB above +4dBm output (with 600 ohm load)
Dynamic Range	123dB

Inputs - 1 Stereo

Input Type	Instrumentation Amplifier
Maximum Input	+28dBm
Input Impedance	40k ohms
LED Audio Input Indicators	-24dBm input level audio present trip point +24dBm input level audio overload trip point

Outputs - 8 Stereo

Output Type	"Electronic Transformer" floating output
Maximum Output	+25dBm (with 600 ohm load)
Maximum Gain	Jumper selectable for: 16dB, 26dB, or 36dB
CMRR	-50dB over 20Hz - 20kHz
Output Impedance	60 ohms
Physical	19" wide x 1.75" (1ru) high x 7" depth 48.3 wide x 4.4 (1ru) high x 17.8cm depth
Shipping	8lbs. / 3.6 Kgs. 23" x 13" x 3" / 58.5 x 33 x 7.7cm

Also Available...

A full line of StudioHub+ cabling and powered "MatchJack" converters and user panels. Visit www.studiohub.com for the complete listing.



XLR - RJ-45 Adapter



Cabling



MatchJack D- A converter



MatchJack A-D converter



Headphone Amplifier

