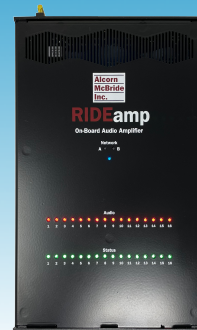


RideAmp

Model RIDEAMP-25H

Rugged 16-Channel On-Board Audio Amplifier



ONBOARD AUDIO

RideAmp-25H is a 16-channel audio amplifier that is purpose-built for on-board applications like dark rides, coasters, trams, and parades. Specially designed for vehicle applications, it's a perfect companion to RidePlayer.

FEATURES:

- ▶ No Moving Parts
- ▶ Compact Size
- ▶ 16-Channel x 25W Amplification
- ▶ Bridge to 50W
- ▶ AES67/Dante Network Audio Input
- ▶ DC-Powered (12V or 24V)
- ▶ Vibration-Resistant Design

APPLICATIONS:

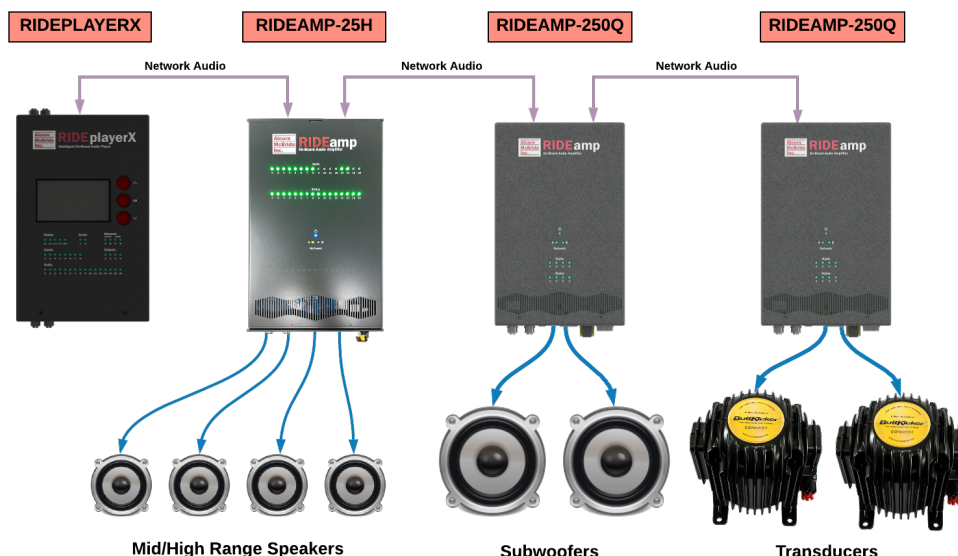
- ▶ Dark Ride Vehicles
- ▶ Coasters
- ▶ Transportation Systems
- ▶ Parades

As part of our suite of RideAmp products, RideAmp-25H has been uniquely designed for vehicles with many discrete audio sources. It provides 16-channels of amplification capable of delivering 25W of output power per channel. For a little extra kick, these channels can also be bridged to deliver 50W. This makes it an excellent choice for driving mid-range and high-range speakers, as well as other audio-based equipment such as haptics or transducers.

Need more juice? Check out this product's big brother; RideAmp-250Q. With 4-Channel x 250W, it can help you crank out some serious decibels!

When combined with the incredible capabilities of RidePlayerX, our RideAmp products deliver features never before seen in a vehicle amplifier. This includes Dante/AES67 network audio input for all-digital signal distribution, protecting your audio experience from the electrical noise introduced by the motors and actuators in the vehicle.

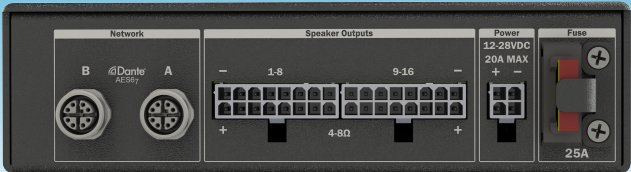
Vibration-resistant design, efficient DC power input, rugged connectors, and flexible mounting options make RideAmp ideal for even the toughest on-board audio applications.



RideAmp

Model RIDEAMP-25H

Rugged High-Powered On-Board Audio Amplifier



ONBOARD AUDIO

PRODUCT SPECIFICATIONS

Control

Indicators	Power
	Network - Link/Activity
	Audio - Signal/Mute
	Status - Amp OK, Protect, High Temp, Clipping
Network Control*	Amp Enable/Disable
	Mute Enable/Disable
Network Monitoring*	Amp Status
	Power Status
	Clipping
*RidePlayerX network audio connection is required	

Audio

Speaker Outputs	16 x Speaker Outputs (2 x 16-pin Molex)
	24VDC - 16 x 25W @ 8 Ohms (bridgeable to 50W @ 8 Ohms)
	12VDC - 16 x 15W @ 4 Ohms (bridgeable to 30W @ 8 Ohms)
Minimum Load	Standard - 2 Ohms
	Bridged - 4 Ohms
Network Audio	16 Input AES67/Dante Interface (16x0)
	100/1000 BaseT (2 x M12 X-Coded)
	Internal switch to support daisy-chaining RideAmp units
Frequency Response	3Hz - 45kHz
S/N Ratio	>113dB
THD+N	<0.005%

Physical

Power	9-26VDC @ 20A Max
Fuse	20A/80V ATO-FKH Blade Fuse
Size	11"L x 7.1"W x 1.75"H (280mm x 180mm x 45mm)
Weight	3 lbs (1.36 kg)
Environment	0°C (32°F) to 38°C (100°F)
	0-90% Relative Humidity
Mounting	Surface Mount (SMK-1)
	Vibration-Resistant Surface Mount (VSMK-1)
	Dual-Stacked Vibration-Resistant Surface Mount (VSMK-2)

**Alcorn
McBride
Inc.**