

RIDEamp™

Rugged High-Powered On-Board Audio Amplifier
Model RIDEAMP



AUDIO PLAYBACK

RideAmp™ is a high-powered 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
- ▶ 4-Channel x 350W Amplification
- ▶ Bridge to 700W
- ▶ AES67/Dante Network Studio Input
- ▶ Remote Control/Monitoring
- ▶ DC-Powered (24V or 48V)
- ▶ Vibration-Resistant Design

APPLICATIONS:

- ▶ Theme Park Ride Vehicles
- ▶ Transportation Systems
- ▶ Parades

RideAmp is the industry's first high-powered audio amplifier that has been specifically designed for vehicles used in themed attractions. It provides 4-channels of amplification capable of delivering a formidable 350W of output power per channel. Want to breath a little extra life into those large subwoofers or bass transducers? Simply bridge outputs to achieve up to 700W of bone-crunching output power.

When combined with the incredible capabilities of RidePlayer, RideAmp delivers 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. This same connection also enables intelligent control and status monitoring, allowing you to report the health of the entire on-board audio system to maintenance staff without requiring direct access the vehicle.

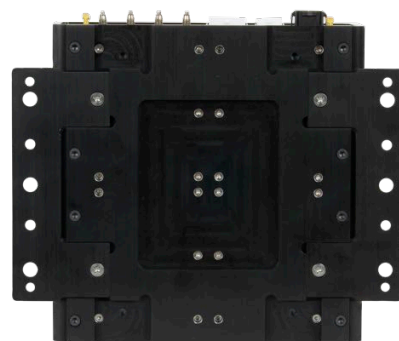
RideAmp delivers the performance and quality of a professional amplifier from a compact and rugged package that's tough enough to survive a coaster. Vibration-resistant design, efficient DC power input, locking gain knobs, rugged connectors, and flexible mounting options make this product ideal for even the toughest on-board audio applications.



Front Plate



Rear Plate



Bottom Mounts

**Alcorn
McBride
Inc.**

RIDEamp™

Rugged High-Powered On-Board Audio Amplifier
Model RIDEAMP



AUDIO PLAYBACK

PRODUCT SPECIFICATIONS

PART NUMBER	RIDEAMP
CONTROL	
LED Indicators	Power Network - Link/Activity Audio - Signal/Mute Status - Amp OK, Protect, High Temp, Clipping
Network Control	Amp Enable/Disable Mute Enable/Disable Amp Status Power Status Clipping <i>RidePlayer network audio connection is required for remote control/monitoring</i>
AUDIO	
Network Audio	4x4 AES67/Dante Interface 10/100/1000BT (2 x M12 X-Coded) Single network audio IP Address Internal switch to support daisy-chaining RideAmp units
Analog Inputs	4 X Balanced inputs (1 x 12-pin Molex)
Speaker Outputs	4 x Speaker outputs (8-pin Molex) 48VDC - 4-CH x 350W (Bridge to 700W) 24VDC - 4-CH x 250W (Bridge to 500W)
Gain Control	4 x Industrial-grade locking potentiometers
PHYSICAL	
Size	9"L x 8.6"W x 3.3"H
Weight	10 lbs
Power	20-52VDC 48VDC @ 18A 24VDC @ 36A
Fuses	2 x 20A/80V ATO-FKH Blade Fuses
Operating Temperature	0°C (32°F) to 38°C (100°F) 0-90% Relative Humidity
Mounting	Surface-Mount Configurable surface-mount brackets (ends or sides) Compatible with JL Audio MHD600/4 Mounts

**Alcorn
McBride
Inc.**