Digital Audio Machine™

Single Channel Audio Player
Model AM4

The Digital Audio Machine is a studio quality MP3 and WAV player with all the interfaces needed for professional installations. Compact and rugged for GPS applications.

FEATURES:

▸ No Moving Parts
▸ Compact Size
▸ Ethernet Option
▸ Balanced and S/PDIF Option
▸ Amplifier Option
▸ Playlisting and Scheduling

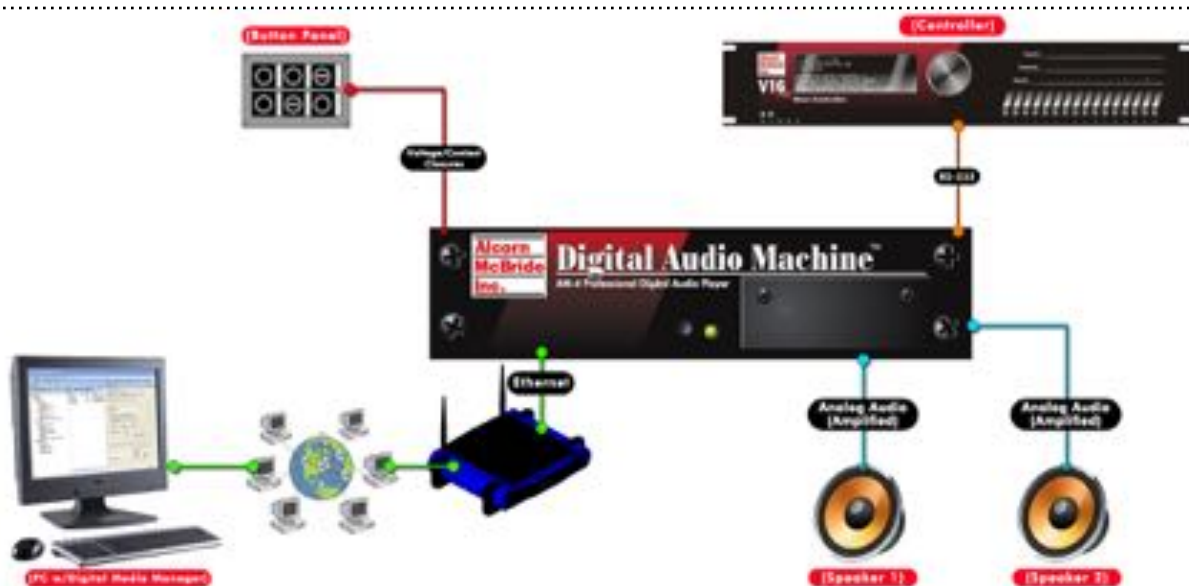## APPLICATIONS:

▸ Interactive Kiosks
▸ Wayfinding Maps
▸ Museum Exhibits
▸ GPS Triggered Tours
▸ Retail Audio
▸ Pre-recorded Announcements

The Digital Audio Machine is a compact, studio-quality MP3 and WAV player built for the most demanding applications.

It plays from CompactFlash so there are no moving parts to break and is available with an Ethernet option for networked audio applications.

With a variety of control options — Ethernet, RS-232, playlists, real-time scheduler, GPS-triggers — and outputs — line level, speaker/amplified, S/PDIF — the Digital Audio Machine is the perfect audio source for any application.

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PRODUCT SPECIFICATIONS

Audio

Formats:	MP3 Fixed or variable bit rate; 16 bit linear PCM (WAV)
Sample Rate:	Up to 48 KHz
Media:	CompactFlash
Playback Time:	About 1 minute per MB for MP3, 6 seconds per MB for WAV
Unbalanced:	(2) RCA Phono
Balanced:	Optional (2) XLR
Digital Audio:	Optional S/PDIF, PCM Stereo-RCA Phono
Amplifier:	Optional (20W x 2)

Control

Display:	Front panel bi-color LED
Parallel:	Parallel inputs select 15 clips, play, stop, loop, mute, DB-37F
Serial:	RS-232, DP9M
Response Time:	Less than 33 msec.
Buttons:	Front panel test button
Switches:	Ground lift, contact/voltage control, GPS enable, write protect
Pots:	Audio volume control
GPS:	NMEA 0183 compatible

Options

Ethernet (/E):	100 Base-T, RJ-45
Pro Audio (/B):	S/PDIF digital audio out (RCA phono jack) Balanced stereo audio out (+4dB, dual female XLR and 1/4 inch phone jack - combo)
Amplifier (/A):	Output Power - 20 Watts into 8 Ohms, 10%THD typical, screw terminals (15 Watts when operated from 12V power)

Physical

Power:	9 VDC to 26 VDC at 2 Amps
Power Connector:	Barrel connector (2.5 mm x 5.5 mm x 10 mm)
Operating Temperature:	0°C (32°F) to 38°C (100°F) 0-90% Relative Humidity
Size:	7" W x 1.5" H x 7" D (17.75 cm W x 4.45 cm H x 17.75 cm D), 1U half rack
Weight:	4 lbs. (1.8 Kg)
Environment/Shock:	0-90% relative humidity, non-condensing/20 g max vibration
Power Supply Compliance:	CE, UL Class 2 Supply

Alcorn
McBride
Inc.

Specifications subject to change without notice.