AUSTRALIAN MONITOR

DMA1
Digital Message Announcer

At a Glance

- > Plays MP3 files
- > Standard SD card digital message storage
- > On board Play, FF, Rew & Stop controls (with remote capability)
- > Contact closure file replay triggers

- > RS485 control
- > Capacity up to 255 messages
- > Stereo In/Out
- > Onboard 20 watt per channel D class power amp

A More Thorough Examination...

The Australian Monitor Installation Series DMA1 digital message announcer is a compact yet highly featured digital playback device. Utilizing an SD card digital storage format the DMA1 delivers high quality stereo audio in an MP3 format. Messages can be played or triggered using the on-board controls, via remote switches, contact closure or via RS485 serial control. The DMA1 also boasts an on board 20 watt per channel D class power amplifier as well as stereo inputs & outputs which allow it to be inserted in line with another BGM feed.

130 minutes of music (at 128kbps sample rate) can be stored in the supplied 128MB memory card. The DMA1 supports memory cards up to 1GB and variable bit rate music files.

The DMA1's compact size belies the wealth of features it offers. It is a highly innovative & cost effective digital message storage & playback device that has a host of commercial applications.

Australian Monitor
INSTALLATION SERIES

Architecture & Engineering Specifications

The Digital message announcer shall be of compact size & replay MP3 message files via SD card storage. The unit shall provide stereo playback with stereo in & out facility. Messages shall be replayed via on board controls (with remote capability), via contact closure or via RS485 serial control. The unit shall have capacity for storage of up to 255 high quality MP3 files & shall also have an onboard 20 watt per channel stereo power amplifier.

The Unit shall be an Australian Monitor DMA1.

Power supply	12-15VAC or 12-24VDC	Audio controls	- General output volume control
Consumption in Standby	1 W		- Control of input volume and background
Protection	internal fuse, 4A delayed		level with mixer function
Capacity of extractable memory	SD/MMC from 32MB to 1GB		- Separate bass and treble tone controls
Input absorption	5 mA		- Loudness level control
Formats accepted	MPEG1 layer 3 (file MP3 from 64 to 160 Kbps)		- Automatic fade in
Frequency Response	20 ~ 20.000 Hz (±3dB)		- Automatic fade out
Signal/noise ratio	> 90dB	Control keys	4 buttons REW, PLAY, STOP, FWD and menu functions
Harmonic distortion	< 0.1%	Classification	IP30 on the basis of liquid and dust penetration
Output power	20+20W (24V / 4 Ω) THD= 0.04%	Size	102 (W) x 74 (D) x 19 (H) mm
		Shipping Dimensions	360 (W) x 240 (D) x 80 (H) mm
		Weight	1.5kg