



The all new MR1301 has loads of features for flexibility in operation and performance for any demanding applications which runs on 32 bit ARM processor. It supports larger SD Card memory size of up to 16GB, offering flexible file / message arrangement or naming.

User shall be able to group different messages with delays in between for every single message bank with high quality MP3 format of 320 kbps. All settings can be done easily, offline through the SD Card and the configurator software provided. Another key feature is the auto firmware updates, making MR1301 a tool that would work to contemporary needs.

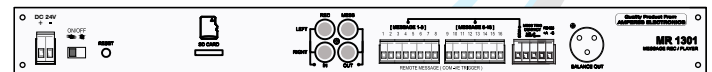
Features

- ▶ 32 bit ARM chip for faster and multitasking processing of data
- ▶ Up to 16GB of memory space using Micro SD card
- ▶ Message playback via front direct access button and rear remote triggering
- ▶ High quality MP3 playback of up to 320 kbps
- ▶ 64 kbps IMA ADPCM voice recording for better clarity
- ▶ Flexible message configuration in every memory bank eg. Multiple files in a single button
- ▶ Priority message playback with dry contact activation
- ▶ Playback controls ie. Volume, Repeat, Bass and Treble
- ▶ RS485 output with PC link for remote monitoring or using iPX5400 UART-IP converter for monitoring and control via LAN (Application software : PMX II LAN)
- ▶ Auto firmware update / detection upon power up
- ▶ Alternative setup at PC via "MR1301 configuration" software

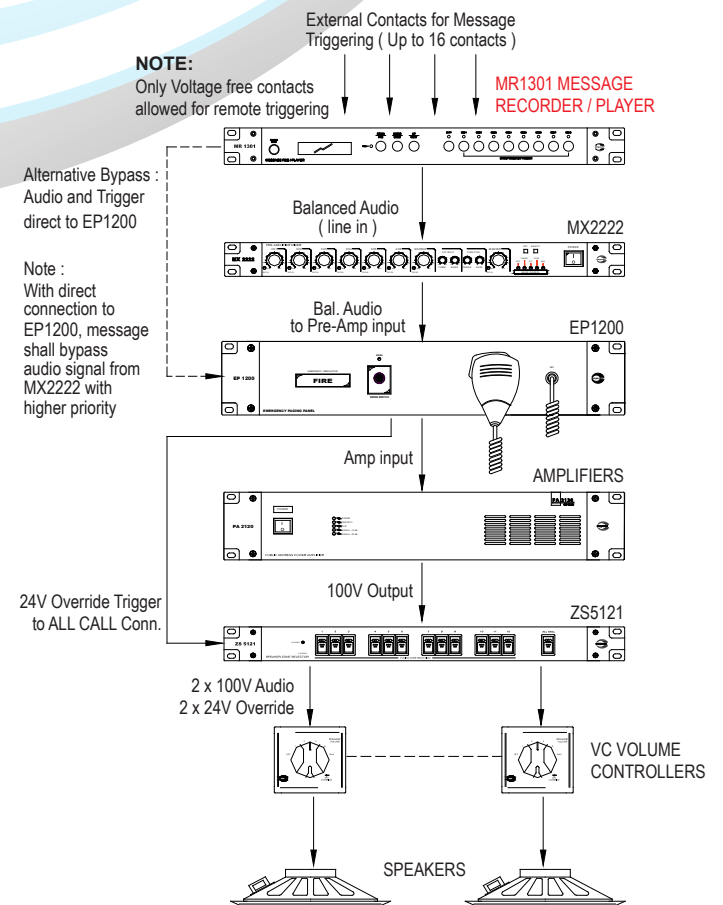
Technical Specifications

Operating voltage	24V DC
Power consumption	1W
Data communication	RS485 at 19.2 kbps
Inputs	Line inputs; unbalanced via RCA jack Microphone input; via front phone jack
Processor	32 bit ARM
Message trigger	16 front and rear message
File format	MP3, WMA, WAV
MP3 quality	320 kbps
Voice recording	IMA ADPCM 16 KHz Sampling Rate Bit Rate : 64 kbps
Files in single bank	Up to 20 per message / button
Delay set up in playback	Yes
Priority message cut	Yes
Software interface	Yes
Remote view / control	Yes
Indicators	LED at switches, LCD display
Memory	MicroSD up to 16 GB
Dimension (W x H x D)	482 x 44 x 180 mm
Weight	1.95 kg

Rear View:



Application Schematic



The above diagram shows typical schematic using MR1301 as message player, either for general repetitive message playback or for emergency voice evacuation purpose.

Packing information
 Qty per carton : 1 unit
 L x W x H : 555 x 295 x 95 mm
 Weight : 2.55 kg