MESSAGE MANAGER
SMM-8SA

Management system for sending pre-recorded audio message sequences with time scheduling and loudspeaker zone control. It has an analog audio output, input (8) and output (8) contacts and an Ethernet port (IP multicast messages). Easily integrated into any PA system, either new or already in operation.

SUPERMARKETS
SCHOOLS
SHOPPING CENTERS

MANAGEMENT OF 58 MESSAGE SEQUENCES
Up to 58 message sequences can be send to the public address system: 50 with time scheduling and 8 with remote program activation. Configurable from the web browser and stored in its own internal memory. The unit operates autonomously once programmed, without a computer.

CONTROL OF 8 LOUDSPEAKER ZONES
Each sequence can be associated up to 8 loudspeaker zones. When the message sequence is sent, output contacts of the speaker zones are activated simultaneously. Contacts trigger the amplifier priority or zone selection in a switch.

FULLTIME PROGRAMMING
Validity period of each sequence, with starting and ending dates. Days of the week in which the sequence will be activated. Public holidays scheduling and filter «only holidays» or «without holidays». Repeat message setting.
EXAMPLE 1

Connection of the message manager in a system made up of a music source + amplifier + loudspeakers, new or already installed. In this case, zone selection is not used.

PROGRAMMING & CONFIGURATION via WEB SERVER

Connecting via Ethernet (direct, switch or router).
Access from browser using the integrated web server.

Configuration options:
- Network functions
- User
- Time / Date
- Audio files
- Input Contacts
- Public holidays
- Time Scheduling
- Checking audio files
- Configuration uploading / downloading

Stand-alone operation once being set.

- Verification from computer or mobile device of audio files stored in the SMM-8SA.
- Possibility of sending in real time messages stored in SMM-8SA from computer or mobile device with zone selection.
- Loading and unloading time settings and contacts for transfer and / or copying installations. Specific feature for chain stores; food stores, department stores, supermarkets ...
- Friendly graphical user interface, ready for using all features. Accessible from the computer browser.
- Built-in real time clock, either manually adjustable or synchronized (computer, tablet ...).
EXAMPLE 2

The message manager, combined with systems that have the ability to select zones through contacts, allows you to take advantage of their ability to selectively send messages to certain groups of loudspeakers.

The unit allows 8 extra message sequences with priority over scheduled messages. These sequences are activated by input contacts. There are 10 priority levels in order to decide which sequence is to be sent in case of coincidence. Activation is by single-shot triggering (out just once) or level (out while being active).

You can stop broadcasting by setting the contact as stop.

SCHOOLS
Scheduled messages for classroom changes, start and end of playtime ...

AUDITORIUMS
Manual control of messages about the start of a concert, welcoming, turning off phones ...

SHOPPING CENTER
Advertising in departments, floors or shops, leisure information ...

INDUSTRY
Day / night shift changes, automatic activation of warning messages in hazardous areas ...

SUPERMARKETS
Automatic and / or manual spot announcements, queue management at ATMs ...

8 MESSAGE PRIORITY SEQUENCES

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These sequences are activated by input contacts.

There are 10 priority levels in order to decide which sequence is to be sent in case of coincidence.

Activation is by single-shot triggering (out just once) or level (out while being active).

You can stop broadcasting by setting the contact as stop.

COMPOSITION OF MESSAGE SEQUENCES

Each sequence consists of a maximum of 3 audio files.

Eases message composition by allowing the use of repetitive parts (a gong, for example).

Configurable waiting time between files.

Configurable full sequence repetition.

Optional limit (30 s) on each file playback: no need to cut it in advance.

MESSAGE SEQUENCE

\[ N \times (A1+t1 + A2+t2 + A3+t3) \]
SENTING MESSAGES OVER THE DATA NETWORK

The SMM-8SA message player with time programming and zone control also has an Ethernet output that allows you to send messages to remote OPTIMUS SIP equipment, whether they are loudspeakers, amplifiers or audio interfaces. Therefore, the messages of the device, whether activated by time schedules (50) or by input contacts (8), can be transmitted at the same time by the local public address system and by the different audio points connected to the data network.

MP-120SIP
The 120 W power amplifier allows to define a remote zone of multiple loudspeakers, or of high power loudspeakers, with a single IP point.

LOUDSPEAKERS

AE-15SIP: High SPL horn speaker, for outdoor use (IP67).

AT-M15SIP: Flush-mounted ceiling loudspeaker with 15 W of RMS power.

MA-215SIP
Clusters of loudspeakers can be formed with a minimal investment due to the 2 x 15 W amplifier power outputs.

IA-10SIP
The interface allows the connection of local PA systems to the data network and the possibility of receiving remote messages with maximum priority.

SIP
Protocol used in IP voice communications to establish, modify and end communication sessions.

IP MULTICAST
Method for transmitting information to a group of receivers (clients) that are configured for this purpose.

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