# MDM link ®

- **Network Music & Announcement**
- **Integrated calendar scheduler**
- **Interface with conventional systems**
- **Comprehensive mix and match components**

The MDMlink network audio system is designed to easily distribute audio in a complex system, replacing conventional analogue PA system. It comes with fully automated features with calendar scheduler functions to broadcast audio like background music and pre-recorded audio messages to multiple zones at the same time. Live announcements are also possible when a microphone is connected to the system. Automatic playback of emergency evacuation announcements can when triggered by external devices such as fire alarm, smoke detectors and temperature sensors in future versions .

Applications :

- *Shopping malls & complexes*
- *Airports, bus terminals & train stations*
- *Schools, colleges, universities*
- *Theme parks*
- *Museums*
- *Sports arena & stadiums*
- *Places of worships*
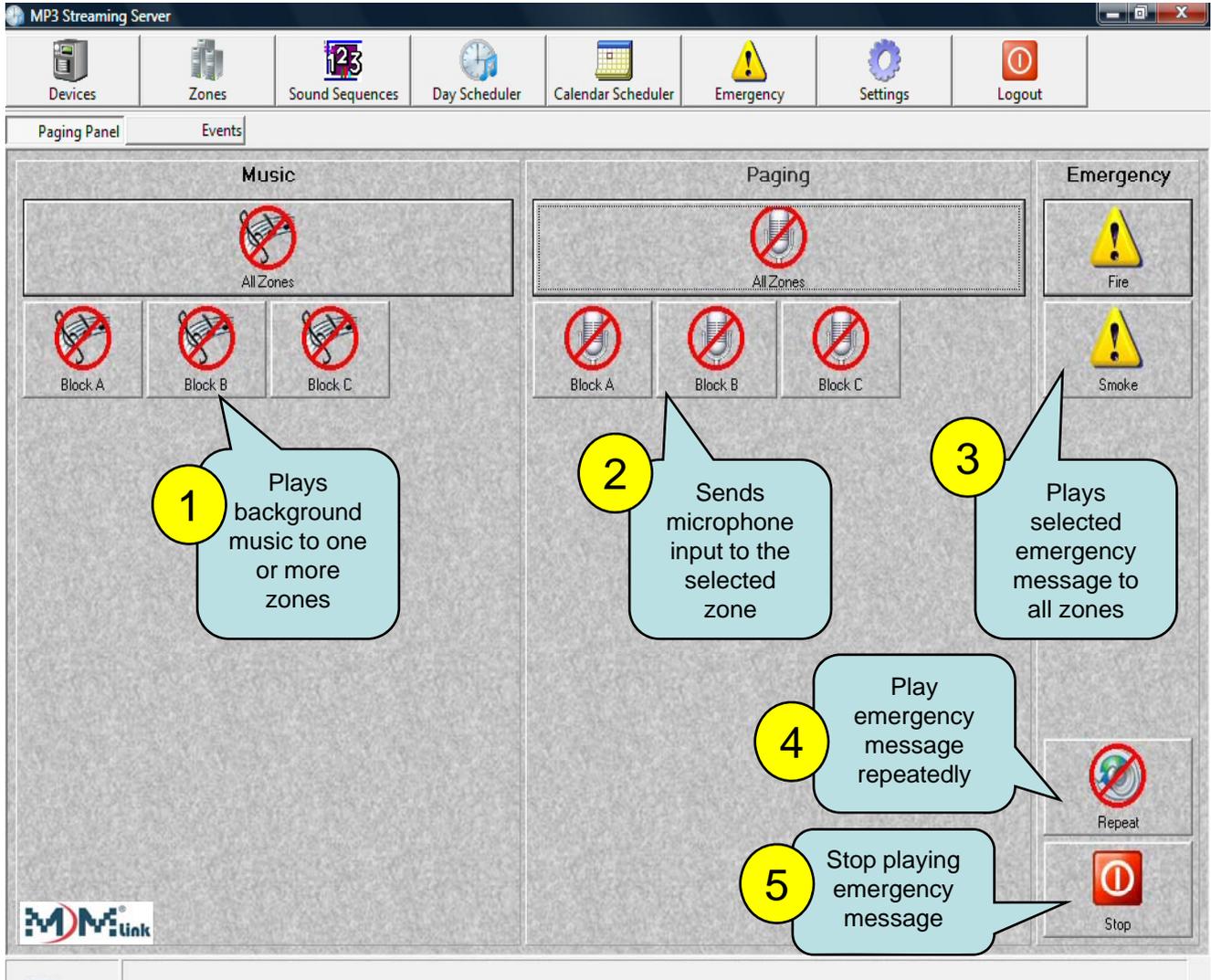- *Multi dweller residential - condominium & apartments*

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Train station

FIDS

Airports

Ports / terminals

Theme parks

Stadiums / arenas

Malls / Complexes
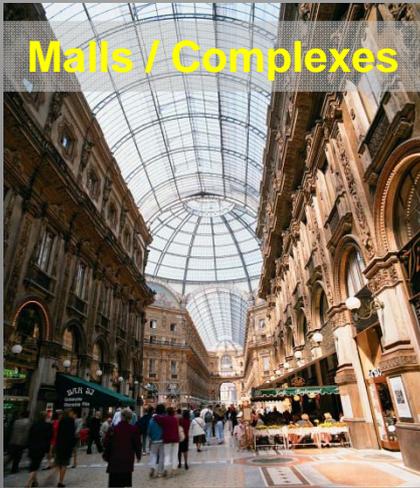
Software / Device	XA SERIES						XB SERIES					
	XA-6	XA-12	XA-24	XA-6MP	XA-12MP	XA-24MP	XB-6	XB-12	XB-24	XB-6MP	XB-12MP	XB-24MP
PS-5020												
PS-5021												
PS-5022BX	O	O	O	O	O	O						
PS-5023PC	O	O	O	O	O	O	O	O	O	O	O	O
TS-8												
TS-12												
TS-15												
TS-8BX	O	O	O	O	O	O						
TS-12BX	O	O	O	O	O	O						
TS-15BX	O	O	O	O	O	O						
TS-8PC	O	O	O	O	O	O	O	O	O	O	O	O
TS-12PC	O	O	O	O	O	O	O	O	O	O	O	O
TS-12PC	O	O	O	O	O	O	O	O	O	O	O	O
ND-1BX	O	O	O	O	O	O						
ND-1PC	O	O	O	O	O	O	O	O	O	O	O	O
PAM-50BX	O	O	O	O	O	O						
PAM-100BX	O	O	O	O	O	O						
PAM-200BX	O	O	O	O	O	O						
PAM-50												
PAM-100												
PAM-200												
PAM-50PC	O	O	O	O	O	O	O	O	O	O	O	O
PAM-100PC	O	O	O	O	O	O	O	O	O	O	O	O
PAM-200PC	O	O	O	O	O	O	O	O	O	O	O	O

MAIN CONTROL SCREEN

1. **Background music zones selection**

2. **Microphone paging zones selection**

3. **Emergency evacuation message selection**

4. **Emergency evacuation message manual activation**

5. **Stop playback of evacuation message**

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CALENDAR SCHEDULER SCREEN
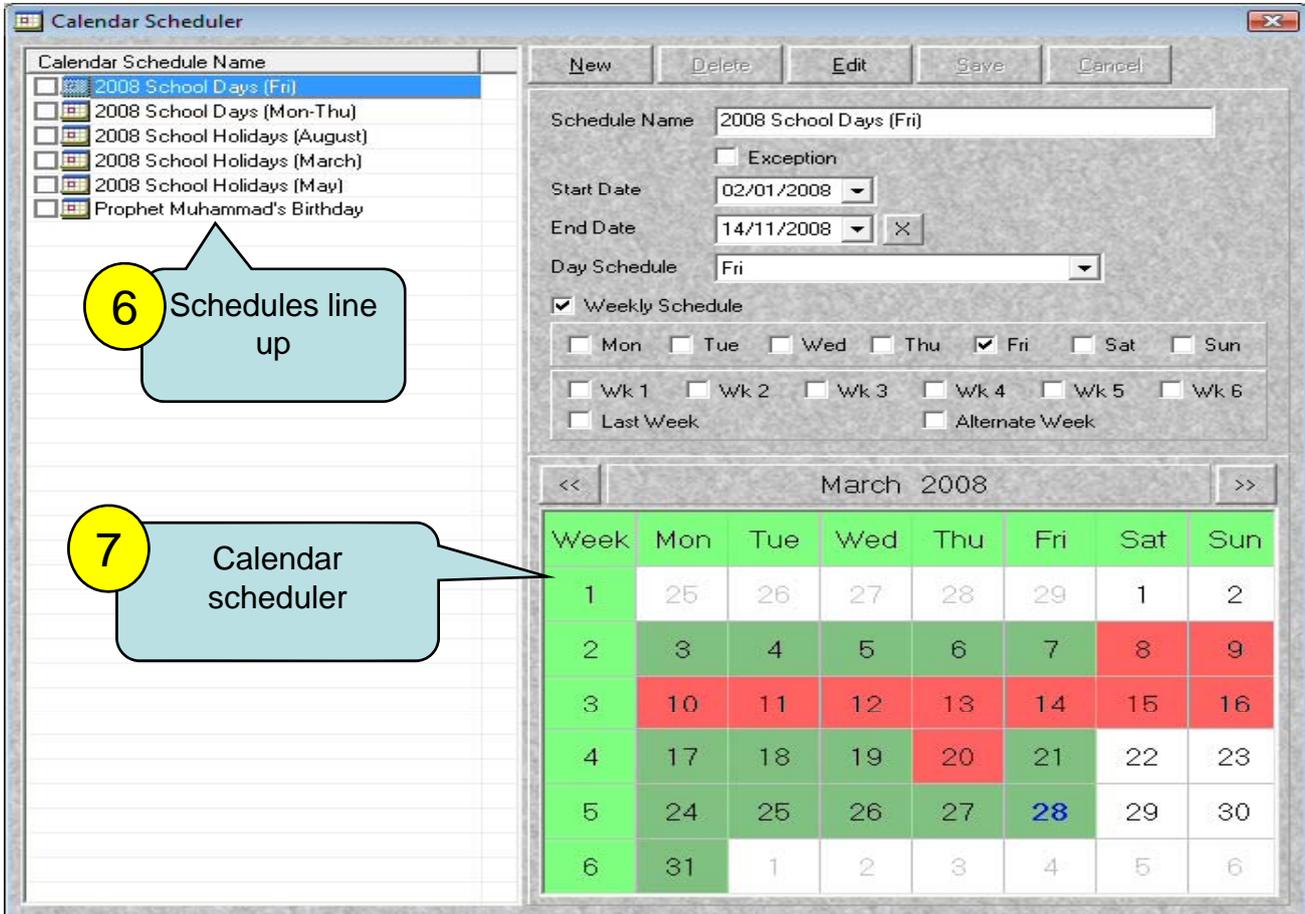
6 — Rules by which the daily schedules are applied to days of the calendar

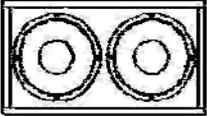**7** — Graphical representation of the actual schedule with the rules applied.
- White indicates no events scheduled
- Dark green indicates events scheduled for that day
- Red indicates exceptions to the original schedule such as public holidays.
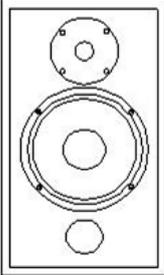
Application example of a 4-storey 4-zones college

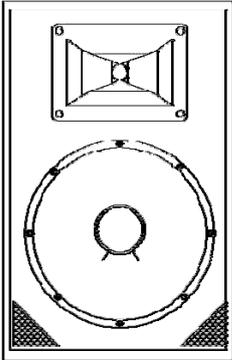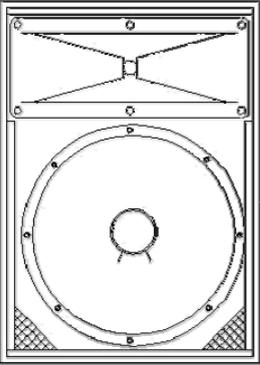UTP Cat-5 cable

Audio cable
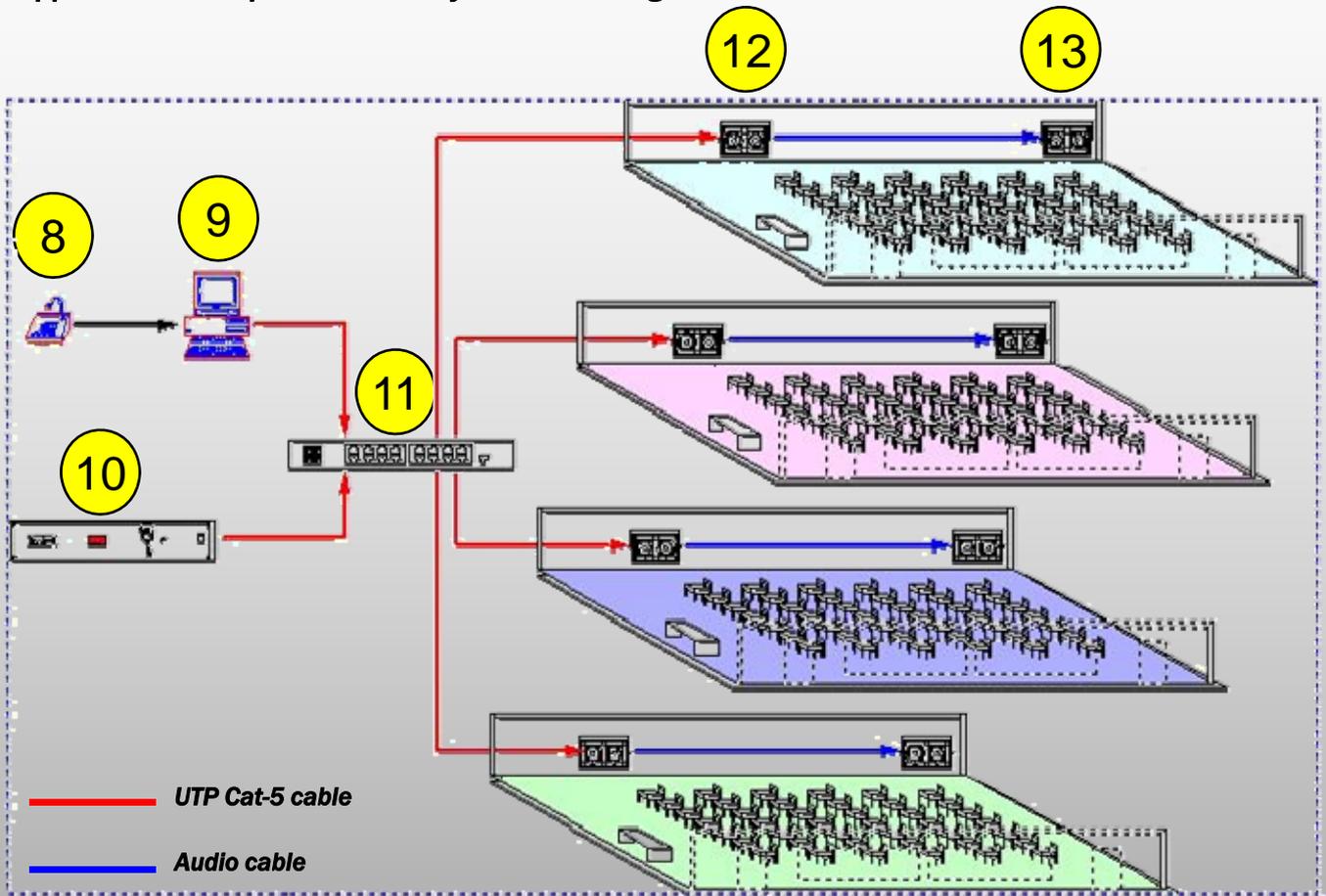
System components:

8	Desktop paging microphone
9	PC terminal with XA-4 system controller software
10	Fireman's emergency paging microphone
11	Standard 10/100 Mbits network switch
12	Vector-X PS-5022BX powered speaker
13	Vector-X PS-5021 Powered speaker

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	PS-5020	PS-5021	PS-5022BX	PS-5023PC
Connector type	RJ-45	3-pin XLR	RJ-45	RJ-45
Network interface	None	Analogue Audio Input	Ethernet 10/100 MBits	Ethernet 10/100 MBits
Mode of operation	Interface with MX-1 mixer	Analogue audio	Interface with XA Series software	Stand alone or interface with XA Series software
Built in power amplifier	Class D PWM	Class D PWM	Class D PWM	Class D PWM
Power output	30 W x 2	30 W x 2	30 W x 2	30 W x 2
Loudspeaker driver	4.5" x 2 full range	4.5" x 2 full range	4.5" x 2 full range	4.5" x 2 full range

		TS-8	TS-8BX	TS-8PC
	Connector type	4-pole Speakon	RJ-45	RJ-45
	Network interface	Analogue Audio input	Ethernet 10/100 MBits	Ethernet 10/100 MBits
	Mode of operation	Analogue audio	Interface with XA Series software	Stand alone or interface with XA Series software
	Built in power amplifier	None	Twin Class D PWM	Twin Class D PWM
	Power output	None	High : 100W Low : 150W	High : 100W Low : 150W
	Crossover	Passive with Impedance correction	Optimized active crossover	Optimized active crossover
	Loudspeaker driver	1" tweeter & 8" woofer	1" tweeter & 8" woofer	1" tweeter & 8" woofer

		TS-12	TS-12BX	TS-12PC
Connector type		4-pole Speakon	RJ-45	RJ-45
Network interface		Analogue Audio input	Ethernet 10/100 MBits	Ethernet 10/100 MBits
Mode of operation		Analogue audio	Interface with XA Series software	Stand alone or interface with XA Series software
Built in power amplifier		None	Twin Class D PWM	Twin Class D PWM
Power output		None	High : 100W Low : 250W	High : 100W Low : 250W
Crossover		Passive with Impedance correction	Optimized active crossover	Optimized active crossover
Loudspeaker driver		1" tweeter & 12" woofer	1" tweeter & 12" woofer	1" tweeter & 12" woofer

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	TS-15	TS-15BX	TS-15PC
Connector type	4-pole Speakon	RJ-45	RJ-45
Network interface	Analogue Audio input	Ethernet 10/100 MBits	Ethernet 10/100 MBits
Mode of operation	Analogue audio	Interface with XA Series software	Stand alone or interface with XA Series software
Built in power amplifier	None	Twin Class D PWM	Twin Class D PWM
Power output	None	High : 100W Low : 250W	High : 100W Low : 250W
Crossover	Passive with Impedance correction	Optimized active crossover	Optimized active crossover
Loudspeaker driver	1" tweeter & 15" woofer	1" tweeter & 15" woofer	1" tweeter & 15" woofer