

SCHOOLS AND UNIVERSITY CAMPUS

ADVANTAGES

- Excellent audio quality.
- All necessary features to evacuate the site fast and safely in case of emergency are provided.
- Event scheduler including bell management.
- Easy installation and configuration.

Nowadays, most of schools and universities implement lock down plans and procedures to ensure the safety of students and staff. The deployment of a Public Address system allows operational and emergency communications within the site. The system can be used to convey emergency information and also for live broadcasts, playing of pre-recorded musics and bell management.

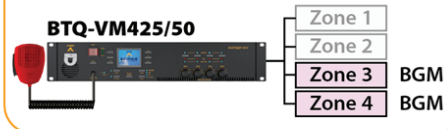


APPLICATION EXAMPLE

Distribute either BGM or Paging source

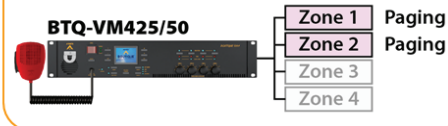
1

Playing BGM



2

EVAC Paging overrides BGM playing



3

Continue playing BGM when EVAC paging stops



SOLUTION

The **BOUTIQUE system** offers full DSP with excellent audio quality and at the same time provides all the necessary features to evacuate the campus fast and safely in case of emergency. EVAC paging can interrupt BGM only if a zone/group of zones are selected to broadcast a message and can easily schedule automatic pre-recorded messages.

In addition, the event scheduler including bell management, allows to schedule the events such as messages playing, commands triggering etc. for school application.

This maximizes flexibility while minimizing cost. The BOUTIQUE is capable to lower your material cost with an ease of installation and configuration solution by using the built-in 250W/500W high efficiency Class-D amplifier of main controller and connect to the loudspeakers in specific zones.

The BOUTIQUE system will provide the following features :

- Good speech intelligibility, even in a noisy environment.
- Paging microphones in security control room.
- Volume levels in each zone can be set differently for BGM, emergency announcements and general paging.
- Event scheduler including bell management for schools.
- Priority management with paging calls.
- Selectable BGM and message routing to specific zones.
- Easy integration with TERRACOM IP-based paging, intercom and control system, TerraManager custom GUI control software and IP phone via SIP protocol.
- Integration with fire alarm/detection system to locate a fire and trigger immediate evacuation of alarm sequencing (phased evacuation).

A basic system is based on the following components :

- A **BTQ-VM4/VM8** compact PA/VA controller that offers 4 and 8 monitored speaker zones respectively. It comes fully integrated with 250Watts or 500Watts high efficiency Class-D amplifier. It incorporates digital signal processing (DSP), a digital message player with up to 45 minutes message storage, a supervised fireman microphone, monitoring of amplifiers, speaker lines and intelligent auto switching on standby amplifier and backup.
- The **BTQ-SL8** secondary unit which can extend the BOUTIQUE system according to the size of the site. It increases the number of zones by a further 8 zones. Up to 31 units can be added per controller via a dedicated digilink.
- A touchpanel paging microphone console **DPM-T5**. It provides call-paging, message broadcasting, event triggering, recording, message routing, message play, level control ... Up to 8 units can be connected to BTQ-SL8 and 16 on BTQ-VM4/VM8. It is equipped with a backlit full colour touch screen panel designed for user friendly operation and multiple pages for the selection of zone/ group of zones.
- The speakers will depend on the area to be equipped :
 Low cost round plastic speakers, **PCL5/T** for classrooms, the wallmount **PBC6/T** for corridors, the music projector **MPS30/T** for outdoor spaces and gymnasiums, ...

REQUIREMENTS

Broadcasting of emergency messages and alarms.

Broadcasting of informative messages.

Bell system management.

Broadcasting of pre-recorded music.

BASIC CONFIGURATION

BTQ-VM4/VM8	Compact PA/VA controller with 4/8 monitored speakers zones
BTQ-SL8	Expansion of BOUTIQUE System by 8 zones
DPM-T5	Touchpanel paging microphone
Speakers as :	
PCL5/T	Low cost round plastic speakers 6 Watts / 100 Volts
PBC6/T	Wallmount speakers 6 Watts / 100 Volts

