ATEÏS®

THE MOST SECURE, FLEXIBLE, FEATURE RICH, COMPACT AND SELF-AMPLIFIED PA/VA SYSTEM

BOUTIQUE™

DELIVERING YOUR MESSAGE

BOUTIQUE™

The BOUTIQUE system is a highly flexible and self-amplified PA/VA system targeting small to large installations. The system expands from a single controller, capable of as little as 4 zones, to a large networked system of 16,384 zones, making the BOUTIQUE suitable for a wide variety of applications.

The small-scale BTQ-VM4 controller offers 4 monitored zones while the BTQ-VM8 controller provides 8 zones with further expandability via the BTQ-SG8 or BTQ-SL8 secondary units. The BOUTIQUE controller comes fully integrated with an internal 250W or 500W high efficiency Class-D amplifier, and is also available in rack mount type and wall-mount type.

The BOUTIQUE offers full monitoring of speaker lines, microphones, and amplifiers. Utilizing switching technology, a BOUTIQUE system is able to share amplifiers for multiple zones. By adding a secondary external power amplifier, it can increase power wattage as well as backup amplifier.

Each BTQ-VM4/VM8/SG8 features two remote ports for paging microphone, noise sensing microphone etc., whilst the BTQ-SL8 has one remote port. Up to 8 paging consoles can be connected to BTQ-SL8, and 16 on BTQ-VM4/VM8/SG8; the wiring can be daisy-chain or in redundant loop.

FEATURES

- Easy setup and replacement from LCD panel of BTQ-VM4/8
- Web browser for advanced configuration, diagnostics & logging
- Event scheduler including bell management for schools
- Support as little as 4 zones to a large 16,384 zones using global network of BTQ-VM8/SG8
- 250W or 500W high efficiency Class-D amplifier built-in
- Internal message storage for up to 90 minutes
- USB interface for playing audio & message files
- IP based music streaming and paging over LAN/WAN
- Easy integration with TERRACOM, TerraManager, IP phone via SIP protocol
- Internet radio receiver built-in
- Low cost 2 channel switching amplifier architecture
- Volume attenuators can be installed on monitored speaker lines without loopback cable
- Integrated ambient noise sensing for auto audio level
- Extremely low power consumption during standby mode
- Handle up to 1000W speaker load per zone, 2000W max. per unit
- Third party control via RS232 or Ethernet
- 2.2" LCD colour display for system status and configuration setting

BOUTIQUE PA/VA Systems are certified to the following international standards

EN 54-16 for Voice Alarm Systems
UL2572 for Mass Notification Systems

The system setup can be directly configured from the touch screen panel of BTQ-VM4/8 and advanced configuration via web browser. Additional features include 'smart' wiring allowing the use of attenuators on monitored speaker lines without loop back cabling, ambient noise sensing via DNM2-ETH/DGL-MIC and a variety of local control features directly from the front panel.

Based on ATEÏS fully redundant network technology, controllers can be added to expand a system either via STP CAT5/6 cable (up to 100m between units) or via multi-mode (2 km), single mode (20 km) fibre-optics or even longer distance. 64 BTQ-VM4/VM8 controllers or BTQ-SG8 secondary units can also be connected in one "Global" network for a total of 16,384 zones. If fibre or copper not be an option, units can also be networked via IP. The VoIP interface with standard SIP protocol allows for easy integration with IP-PBX and IP phone or for full integration with TERRACOM system for network paging, control, system monitoring, and audio streaming in intranet as well as internet applications.

WEB BROWSER

The system is programmed and controlled via web browser and the LCD panel of BTQ-VM4/VM8. For advanced adjustments such as volume, DSP elements, event and bell scheduler, priority management, monitor, diagnostics, logging, etc. can be configured via web browser.
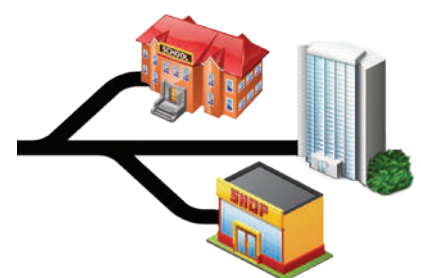
BGM, AUDIO STREAMING AND VOICE EVACUATION

Background music and voice announcement can be distributed to different group of zones by using the built-in amp and external amp. The source of BGM includes line input, network streaming, internal message storage (90 minutes) or via USB flash drive.
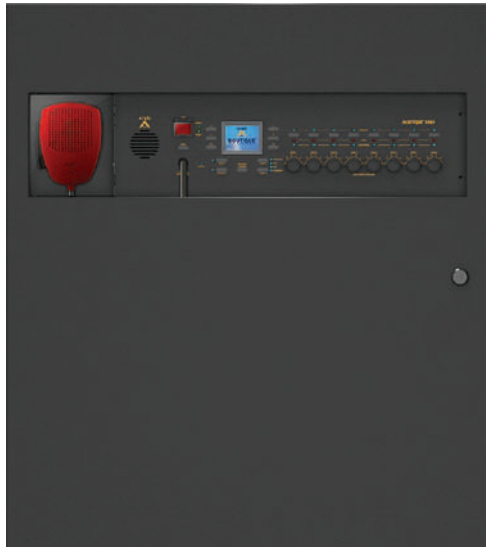
LARGE SCALE NETWORK PA/VA SOLUTIONS

The BOUTIQUE lends itself to installations as small as four zones all the way up to nation-wide networks over copper, fibre, IP or any combination thereof.

Compact and Self-Amplified PA/VA System

BOUTIQUE™

MAIN CONTROLLERS

BTQ-VM4W/VM8W
Wall-Mounted Controller - 4/8 Zones

Built-in 250W/500W Class-D Amp
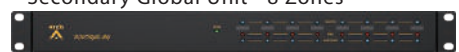and Battery Charger

BTQ-VM4
Main Controller - 4 Zones

Built-in 250W/500W Amp
Class-D

BTQ-VM8
Main Controller - 8 Zones

Built-in 250W/500W Amp
Class-D

BTQ-SG8
Secondary Global Unit - 8 Zones

BTQ-SL8
Secondary Local Unit - 8 Zones

AMPLIFIERS & BATTERY CHARGERS

BPA *BPA1240 / BPA1480 / BPA2060 / BPA2120*
BPA2240 / BPA2480 / BPA1000
Bridging Power Amplifier, 48VDC Backup

DPA *BPA1240 / BPA1480 / BPA2060 / BPA2120*
BPA2240 / BPA2480 / BPA1000
High Efficiency Digital Class-D Power Amplifier, 48VDC Backup

EN54
4
Pending

BCU-4830A / BCU-4875A
Advanced Monitored Battery Charger

DIGITAL PAGING CONSOLES

DPM-MAIN: Main Paging Console
DPM-EVA: EVAC Monitoring Speaker Pad
DPM-KPD: Expansion Keypad

DPM-T5

Touch Screen
Programmable Paging Console

ACCESSORIES

DNM2-ETH / DGL-MIC
Digital Noise Sensing Microphone

Pendant Type/Flush Mount Type

CD-8DF / CD-16DF

8/16 Zones Wall-Mount Paging Console

CD-T5DF
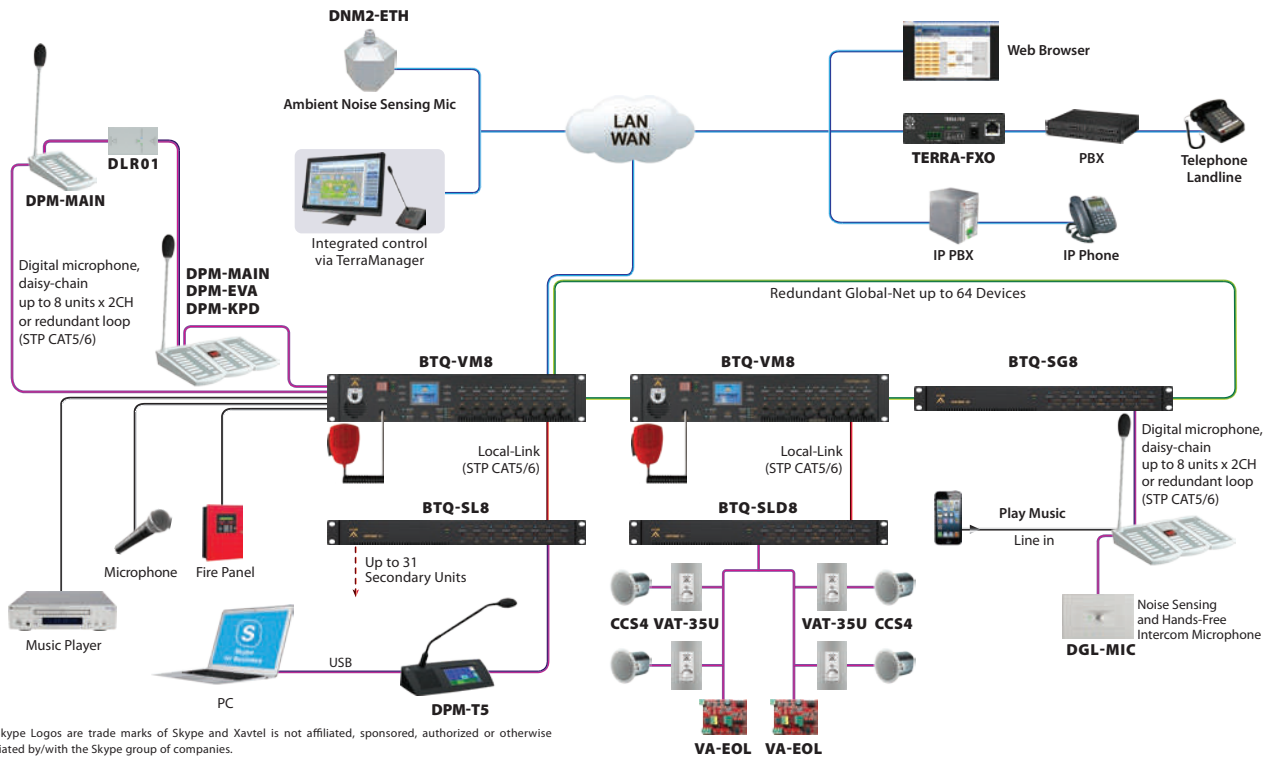
Wall-Mount
Touch Screen Paging Console

VAT

35W/120W/200W
Volume Attenuator
(available in EU & US type)

VA-EOL

End of Line
Supervision Board

BOUTIQUE™

Compact and Self-Amplified PA/VA System

APPLICATION EXAMPLE

DNM2-ETH — Ambient Noise Sensing Mic

DLR01

DPM-MAIN

Digital microphone, daisy-chain up to 8 units x 2CH or redundant loop (STP CAT5/6)

DPM-MAIN
DPM-EVA
DPM-KPD

Integrated control via TerraManager

LAN WAN

Web Browser

TERRA-FXO

PBX

Telephone Landline

IP PBX

IP Phone

Redundant Global-Net up to 64 Devices

BTQ-VM8

BTQ-VM8

BTQ-SG8

Local-Link (STP CAT5/6)

Local-Link (STP CAT5/6)

Digital microphone, daisy-chain up to 8 units x 2CH or redundant loop (STP CAT5/6)

BTQ-SL8

BTQ-SLD8

Play Music

Line in

Microphone

Fire Panel

Up to 31 Secondary Units

CCS4 VAT-35U

VAT-35U CCS4

Noise Sensing and Hands-Free Intercom Microphone

DGL-MIC

Music Player

USB

VA-EOL VA-EOL

PC

DPM-T5

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