Integrated Scalable PA/VA System

THE MOST SECURE, FLEXIBLE, AND FEATURE RICH PA/VA SYSTEM IN ITS CLASS

Delivering Your Message
The new EN54-16/UL2572 listed BOUTIQUE system from ATEÏS is a highly flexible, feature rich PA/VA system targeting small to large installations offering full monitoring of speaker lines, microphones, and amplifiers. Based on the latest DSP processing technology, the BOUTIQUE expands from a single controller, capable of as little as 4 zones, to a large networked system capable of 16,384 zones, making the BOUTIQUE suitable for a wide variety of applications.

Utilizing switching technology, a BOUTIQUE system is capable of discrete paging into multiple zones from a single channel amplifier. By adding a second, external amplifier to the first, it creates a background music channel and a back-up amplifier channel at the same time.

Every effort has been made to provide the best solution for the application: The small-scale BOUTIQUE VM4 controller offers 4 monitored zones while the VM8 controller provides 8 zones with further expandability via the SGB or SL8 secondary units. The BOUTIQUE controller comes fully integrated with an internal 250W or 500W Class-D amplifier channel and can also be wall mounted.

Each BOUTIQUE controller features two microphone channels, each capable of one main paging microphone and seven sub-microphone stations. Each channel can connect up to 16 sets of main paging microphone via daisy-chain wiring or as a redundant loop. Additional BOUTIQUE SL8 secondary units contain one microphone channel, whilst the SGB secondary unit has two.

The BOUTIQUE controller comes fully integrated with an internal 250W or 500W Class-D amplifier channel and can also be wall mounted.

Set up of the system is a breeze with “easy setup” feature directly from a 2.2” touch screen panel controls and advanced configuration via web browser interface. Additional features include ‘smart’ wiring allowing the use of attenuators on impedance monitored speaker lines, ambient noise sensing via optional Ethernet based microphone, 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 CAT6 cable (up to 100M between units) or via multi-mode (2 km), single mode (20 km) fibre optics or even longer subject to customer request. Each network can consist of 64 controllers/SGB secondary units, but 64 such networks can also be connected in one “Global” network for a total of 16,384 zones. Should 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 ATEÏS Terracom system for network paging, control, intercom system monitoring, and audio streaming in intranet as well as internet applications.

**FEATURES**

- Easy setup and replacement from the front LCD panel of VM4/8 controller
- Web browser for advanced configuration, diagnostics & logging
- BGM, paging priority, and preset management
- Event scheduler including bell management for schools
- Support up to 16,384 zones connected to 64 x VM8/SGB via global-net
- 250W or 500W high efficiency Class-D amplifier built-in
- Internal message storage for up to 90 minutes
- USB interface for messages and music files
- IP based for music streaming and paging over LAN/WAN
- Easy integration with Terracom and IP-PBX via SIP protocol
- Built in streaming and Internet radio receiver built-in
- Multiple dual channel amplifiers switching to multi-zone
- 2 music inputs, Mic/line, 2 digital remote paging console interfaces, fireman mic
- 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 of current status and configuration setting

**WEB BROWSER INTERFACE**

Once connected and log on – the system will open the web browser interface. Further adjustments such as volume, DSP elements, event and bell scheduler, preset management, priority management, monitor etc. can now be made without any previous design effort.

**AUDIO STREAMING AND VOICE EVACUATION**

Stream via internet from any device. Store multiple messages in the internal message storage (90 minutes) or via the external USB interface. Paging or audio streaming from any device and network remotely.

**EXTENDED 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.
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**MAIN CONTROLLERS**

**BOUTIQUE VM4W/VM8W**
Wall-Mounted Controller - 4/8 Zones

**BOUTIQUE VM4**
Main Controller - 4 Zones
Built-in 250W/500W Amp Class-D

**BOUTIQUE VM8**
Main Controller - 8 Zones
Built-in 250W/500W Amp Class-D

**BOUTIQUE SG8**
Secondary Global Unit - 8 Zones

**BOUTIQUE SL8**
Secondary Local Unit - 8 Zones

**AMPLIFIERS**

**BPA**
BPA-1120 / BPA-1240 / BPA-1480 / BPA-1000 / BPA-2060
BPA-4060 / BPA-2120 / BPA-2240 / BPA-2480
Bridging Power Amplifier, 48VDC Backup

**DPA**
DPA8060 / DPA4125 / DPA4250 / DPA2500
Digital Class-D Power Amplifier, 48VDC Backup

**DIGITAL PAGING CONSOLES**

**DPM-MAIN**: Main Paging Console
with Optional Bluetooth Module

**DPM-EVA**: EVAC Monitoring Speaker Pad

**DPM-KPD**: Expansion Keypad

**CD-8D/CD-16D**
Wall-Mounted Paging Console

**CD-T5D**
Wall-Mounted Touch Screen Paging Console

**ACCESSORIES**

**DNM-ENET/DGL-MIC**
Digital Noise Sensing Microphone

**VCT25/VCT80**
VAT20/VAT40/VAT100

**Pendant Type/Flush Mount Type**

**VAT20**
25W/80W

**VAT40**
20W/40W/100W

**VAT100**
Volume Attenuator
**BOUTIQUE™**

**APPLICATION EXAMPLE**

- **DNM-ENET**
  - Ambient Noise Sensing Mic

- **LAN WAN**
  - Web Browser Interface

- **BOUTIQUE VM8**
  - Digital link with daisy-chain up to 8 units x2 or Redundant loop

- **BOUTIQUE SL8**
  - Digital link with daisy-chain up to 8 units x2 or Redundant loop

- **DNM/uniF6BAMAIN**
  - DPM/uniF6BAMAIN
  - DPM/uniF6BAEVA
  - DPM/uniF6BAKPD

- **BOUTIQUE SG8**
  - Digital link with daisy-chain up to 8 units x2 or Redundant loop

- **Music Player**
- **Fire Panel**
- **Integrated control via TerraManager**

- **Redundant Global Net**
  - Up to 64 Controllers/Secondary Units

- **Microphone**
- **Ambient Noise Sensing Mic**
- **DPM MAIN**
- **DPM-EVA**
- **DPM-KPD**

- **Line Out**
- **Play Music**
- **or**
- **DGL/uniF6BAMIC**
- **Noise Sensing and Hands-Free Intercom Microphone**

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