

Product Datasheet

MT-AVA

Technical Specifications

Multi-Tone Audio Visual Alarm - Voice-Based Announcement System

- Voltage: 12~24 V DC & 230 V AC - 50 Hz
- Dimensions: 210*200*70 mm MS Powder Coated Color: Fire Red
- Weight Enclosure: 2.5 Kgs, Speaker: 1 Kgs Light: 0.4 Kgs
- Beacon Light: Type: Led Lens Polycarbonate, Color Red
- Speaker: 8 Ohms 15w Output (PA Type)
- Mounting: Horizontal Wall/Surface Light Top, Speaker: Bottom
- Connections: Screw/plug-in Terminal Bis 2.5 mm²
- Tones: 10 Tones, With Inbuilt Flash Memory & USB 2.0 Port For Storing Files. Support Audio Files In Mp3 Format.
- All Tones Can Be Switched Externally With 10-channel Isolated Potential Free Input Selections
- Sound: 110 dB (Volume Control) Line-in/out via 3.5mm Jacks
- Operating Temperature: -30 °c / +60 °c
- High Quality Made in India Product



*Specifications are subject to change without notice.

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This **Multi-Tone Audio Visual Alarm – Voice-Based Announcement System** is an advanced industrial alert system that provides both audio and visual notifications. Designed for various industrial environments, it can be used to announce up to 10 distinct sounds or messages triggered by digital inputs, making it ideal for safety alerts, process completions, or operational instructions.

Key Features:

- **Voltage Compatibility:**
 - Operates on **12-24 V DC** or **230 V AC** (50 Hz), ensuring flexibility in different power conditions.
- **Compact Dimensions & Build:**
 - Enclosure dimensions: **210 x 200 x 70 mm**, with a **MS powder-coated fire red** finish, providing durability in industrial settings.
 - Weight distribution: **Enclosure: 2.5 kg, Speaker: 1 kg, Light: 0.4 kg.**
- **Visual Indicators:**
 - Equipped with a **LED Beacon Light** featuring a **polycarbonate lens**, colored red for high visibility.
- **Audio Capabilities:**
 - **Speaker:** 8 Ohms, 15W output, **PA Type** ensures loud, clear sound.
 - **Volume:** Adjustable up to **110 dB**, ideal for noisy environments.
 - **Tones:** Offers **10 customizable tones** stored via inbuilt flash memory with a **USB 2.0 port** to upload or change audio files in MP3 format.
 - **Line-in/out:** Can be connected to external devices via **3.5mm jacks** for extended sound distribution.



Mfr: Electric Motor Siren | Hand Operated Siren | Electronic Sirens | Buzzers | Automatic Siren Control Systems
Voice Based Sirens | Audio Visual Alarms



I-569, M.I.G. Colony, Indore MP, 452011 INDIA



+91-8989567878



parshvaglobal@gmail.com



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- **Mounting Options:**

- Easily mounted on walls or horizontal surfaces, with light placed at the top and speaker at the bottom.

- **Connectivity:**

- Connections made via **screw/plug-in terminals** supporting up to **2.5 mm²** wiring for secure installation.
- External switching enabled through **10-channel isolated potential-free input selections**.

Advanced Capabilities:

- **User Programmable:**

- The device is fully programmable by the end user. Sounds and alert messages can be easily updated via the **USB port**, offering flexibility to adapt messages for different industrial processes.

- **Multi-Input Alerts:**

- Supports up to 10 different sounds or messages triggered by various digital inputs.
- Ideal for announcements such as safety instructions, process completions, temperature rise, or low/high boiler pressure alerts.

- **Temperature Resilience:**

- Built to operate efficiently in extreme temperatures, from **-30°C to +60°C**, suitable for harsh industrial environments.

- **Mobile Phone Connectivity:**

- Can connect to mobile phones for direct message announcements, adding an extra layer of functionality for urgent alerts.



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- **Integration with Other Systems:**

- Can be connected to **sensors, PLC systems, or DCS systems**, enabling automation in industrial settings.
- Audio output can also be extended to other areas of the factory via the **3.5mm jack**, allowing for broader alert coverage.

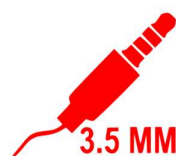
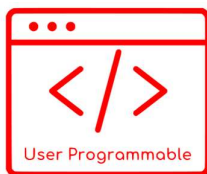
Industrial Applications:

- Use in **shop floors, furnace areas, or control rooms**.
- Announces operational instructions, safety alerts, or process completions.
- Replaces the need for installing multiple hooters or buzzers with one compact solution.

Build and Quality:

- Manufactured with **high-quality components** in India.
- Comes in a **fire red sheet metal powder-coated enclosure** for corrosion resistance and durability.
- Flexible installation: Can be mounted as a compact audio-visual alarm or in a detached format.

This **Multi-Tone Audio Visual Alarm – Voice-Based Announcement System** provides a comprehensive, programmable solution for industrial environments, capable of delivering clear sound and bright visual alerts. It's a robust, user-friendly, and versatile system designed to meet the safety and operational needs of modern factories.



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