

CASE STUDY

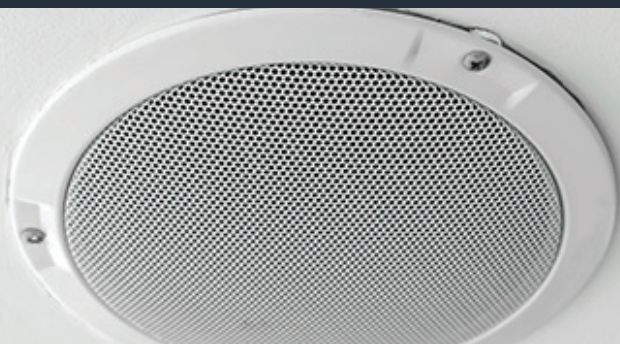
Public Addressing (PA) System Installation at Atomic Minerals Directorate for Exploration Research (AMD) Headquarters, Hyderabad

About the Project:

Brihaspathi Technologies Pvt. Ltd. provided a solution for the installation of Public Addressing (PA) system at the AMD Headquarters in Hyderabad. This system confirms clear and effective communication across the facility.

The PA System Setup:

To optimize communication within the Atomic Minerals Directorate for Exploration Research (AMD) Headquarters, Brihaspathi Technologies Pvt. Ltd. implemented an advanced PA system, meticulously designed to meet the facility's specific needs. Here's a detailed look at the installation:



Integrated Ceiling Soundscape:



6W Recessed Ceiling Speakers:

17 strategically positioned units to provide uniform audio coverage throughout key areas, ensuring clarity and consistency in sound delivery.

Wall-to-Wall Clarity:



6W Molded Cabinet Wall Mount Loudspeakers:

60 units installed to offer robust and clear audio, ideal for larger spaces and ensuring that announcements are audible from every corner..

Total Speaker Count:



77 High-Quality Speakers:

Carefully selected and installed to create a comprehensive network that guarantees efficient and effective communication across the headquarters.

Objectives of the PA System:

The newly installed PA system at AMD Headquarters serves multiple crucial functions, which are detailed below.

1. Evacuation Orders

To provide short and immediate instructions to the members of the public in case of fire, an earthquake, or some other disaster.

Importance:

During an emergency, the transmitter's action assignment can save the employees and become an influential factor in maintaining safety. The Public Address system is the quickest means of informing everyone on which exit to take, and through the two-way broadcasting, it instructs the rest of the building to take the necessary precautions.

2. Safety Instructions

To transmit vital safety protocols that will prevent accidents or injuries.

Importance:

Professions, in particular those doing mineral excavation and investigation, mostly have designated security measures that must be observed. The PA system is indispensable for the purpose of broadcasting safety instructions.



3. Information Sharing

To convey important data to a large audience, which may be, for example, schedule adjustments, event updates, or some general notices.

Importance:

Informing all the employees of updates to the organization, schedule changes, or forthcoming events is the key to the success of seamless operations. The PA system lets the management easily communicate this information to everyone wherever they are in the building.

4. Paging Individuals

To call certain people to a specific place.

Importance:

In large companies, reaching and contacting specific individuals can be a bit difficult. The PA system is a tool that helps make this process easier by giving the ability to do selective messaging. Whether it's calling a team member to a meeting room, the PA system always makes sure that the messages are received by the planned targets on time.

Results:

One of the most targeted and effective ways of improving communication and safety within the company was the implementation of the PA system at the AMD Headquarters in Begumpet, Hyderabad.

By using 77 sensors placed in strategic locations, the system is capable of spreading information that everyone should be aware of, and in case there is a situation, everyone can respond very fast.