

Public Address Systems

Enhancing **Mass Notification** Capabilities

A reasonable argument could be made that the first public address systems were created by the Ancient Greeks, who constructed massive amphitheatres with acoustics that ensured the back row could hear the action just as easily as the front.

The technology of public address systems has advanced over the centuries, but the need for clear and effective communication remains the same – especially during emergency situations.



Public address systems continue to be a hot topic when it comes to safety and security, especially in places like college campuses, healthcare facilities, corporations, municipalities, parks, beaches, stadiums, airports, subways and bus terminals. According to a 2013 study by IMS Research, the mass notification market is expected to expand by 30 percent and pass

the \$2 billion mark by 2017 in North America. Mass notification hardware includes giant voice systems, notification devices connected to fire and life safety systems, blue light emergency phones and, of course, public address systems.

When an emergency occurs, it's vital to have a mass notification method in place that provides clear and effective contact with your intended audience, and **the most effective method is a strong public address system**. There are a number of important advantages that guarantee your message is not only understood, but it's being disseminated in the most productive method possible.

See reverse to learn more about the advantages of public address.



Importance of **Public Address**?

McMaster University in Hamilton, Ontario recently added more than a dozen blue light emergency phones with integrated public address speakers to its existing infrastructure of Code Blue products.

The move strengthens the university's ability to communicate with the campus community, both indoors and out, and they're certainly not alone in making that kind of investment.

Advantages of Public Address



Multilayered approach: A quality public address system should be incorporated with additional security measures, including blue light emergency phones, email and text message capabilities, social media updates, RSS feeds, paging systems and intercoms.

Intelligibility: What good is a message if no one can understand it? According to NFPA 72 Chapter 24 standards, "it is important to provide a distributed sound

level with minimal sound intensity variations to achieve an intelligible voice message."

Integration: Countless benefits can be enjoyed by integrating with video surveillance, fire alarms, digital signs and more. It's also important to account for the hearing and vision impaired with extra alerting measures, like strobe lights or loop telecoil systems.

Location: Limitations posed by certain outdoor (buildings, trees, hills, etc.) or indoor (hallways, doors, etc.) layouts won't impact the sound path or message with an effective public address system.

Retrofitting: Existing hardware and software can be updated with new technology to not only reap cost savings, but provide additional reliability and consistency.

Frequent testing: Software can monitor for temperature, output and clipping signal failure to ensure that everything is in order and works when you need it.

Explore your options: A quality public address system will provide multiple choices for speaker arrays, wattage, power sources, redundancy, ambient noise control and more.

By doing the requisite homework and embracing all the potential options, you can ensure that you have obtained the right public address system for you.

To purchase from Code Blue, please contact customerservice@codeblue.com.

Featured Products

CB 1-s with Dual Faceplates and Public Address:

Our rugged, cylindrical pedestal is topped by a 360-degree, 400-watt, six-speaker array that delivers maximum audio clarity and range to a wide audience.

PAS WM-180:

A 180-degree, 150-watt, three-speaker array that can easily augment your emergency notification needs for interior and exterior locations.



CB 2-e with Public Address:

Our most popular wall-mounted unit is equipped with a powerful internal speaker that makes it perfect for parking garages, dorm entrances, hallways and more.

