

technology

Peerless-AV 2000 nit Xtreme

The What: Suited for quick service restaurant drive-thrus and sports arenas where digital signage often competes with the sun's brightness, the Peerless-AV 2000 nit Xtreme display features an optically bonded high bright panel providing the absolute best sunlight readability due to its unique combination of brightness and contrast that substantially reduces sunlight glare.

The What Else: As an extension to Peerless-AV's Xtreme line of outdoor displays, the 2000 nit Xtreme display is fully sealed, with no filters to clean or change. The display was designed to operate in all weather conditions, even extreme temperatures ranging from -40 degrees to 140 degrees Fahrenheit.

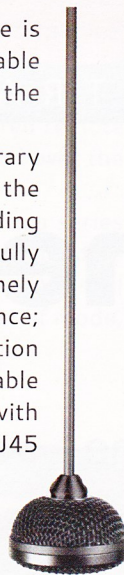
The Bottom Line: The 2000 nit Xtreme display is available in portrait or landscape orientation and features impact-resistant safety glass, an aluminum construction, and a full HD 1080p picture.

Audix M3

The What: The Audix M3 tri-element ceiling microphone is TAA compliant, offers fingertip control for adjusting cable length, and includes a UL rated plenum box solution above the ceiling tile.

The What Else: Featuring a sleek profile with contemporary design that is smaller than other multi-element mics on the market, other M3 features include 100 percent RF shielding and immunity; gold diaphragm capsules with shielded and fully balanced circuits; low impedance design allows for extremely long cable runs (if required) without cross talk or interference; frequency and pattern tailored for voice clarity and rejection of extraneous noise; evenly dispersed sound with undetectable phase; high-quality silicone jacketed microphone cable with adjustable length; and plenum rated junction box with RJ45 connector.

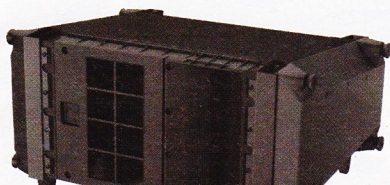
The Bottom Line: All visible components of the microphone and cable are the same color, charcoal or white. The M3 ceiling mics are TAA compliant with low self-noise, and easy installation.



Electro-Voice X1

The What: Electro-Voice's next generation X-Line line array loudspeaker family includes the X1 system, which is more compact, flexible, and faster to set up. The compact design enables the X1 for use in a variety of applications, including small and mid-sized houses of worship, local and regional rental companies, corporate events, and clubs and other entertainment venues.

The What Else: Three new EV technologies form the core of the X1 system. The SMX 12-inch woofer in the X1 is coupled to an EV-exclusive Mid-Band Hydra device that effectively emulates the acoustic behavior of a double line of four 3-inch point sources. This delivers mid-band coupling of the array while maintaining the efficiency and power of a 12-inch transducer. The HF section in the X1 incorporates two new ND2R ring-exit high-output 2-inch titanium compression drivers



The Bottom Line: Line Array Prediction Software provides fast array configuration, rigging details, and coverage information as information for the creation of steered/shaped sound.

Pakedge PoE Pass-Through Switches

The What: Pakedge Device & Software has added PoE switches to its line of PoE switches. These new switches are part of Pakedge PoE Innovations initiative is designed so that installers incorporate a switch into the network wherever it has been possible because access to power is restricted.

The What Else: The Pakedge PoE Pass-Through switches solve a problem long plaguing AV technicians: the inability to place switches and devices at the edge of the network, near the power source nearby to operate the switch or the devices. Approaches to this problem ranged from running underground conduits to hiring electricians to run wires to the desired locations. Solutions included the use of PoE injectors to power edge devices. With multiple edge devices to power, this approach is not cost effective and requires multiple dedicated electrical outlets elsewhere.

The innovative switches, developed in conjunction with PoE feedback, are powered by a single PoE+ port (IEEE 802.3bt) on an upstream PoE+ switch or power injector. In addition to the switch, the input PoE+ signal is split into two PoE outputs that can then be utilized to power two connected edge devices such as a phone, wireless access point, video cameras, touchscreens, and other PoE powerable devices. These switches effectively eliminate the need for power outlets at the point of use, and instead require a single port from an upstream PoE switch.

The Bottom Line: By removing the need for electrical outlets, switches and edge devices can be located anywhere. Applications include placement of the switch in access spaces, closets, ceilings, basements, and access tunnels. In addition, the switches can be used at point of use locations where the existing electrical is already committed to other uses.



Aviom A320 Personal Mixer

The What: With the release of the A360 personal mixer last year, Aviom introduced a number of new features and top-quality sound to personal mixing. The A320, like the A360, delivers great sound and powerful mixing features, all on an interface that is easy to use. The A320 is the most affordable Aviom personal mixer ever.

The What Else: Ideal for use with in-ear monitoring headphones, the A320 delivers precise mix control and monitoring while also preserving the simplicity required for performing. All mixing features are instantly available to navigate, no complex programming, no complex

