



Audio System for an Outdoor Sports Complex

Creating and controlling a pair of sound systems, for two baseball fields at a high school for example, can be simplified with Ashly's ne8800 digital signal processor with multiple line inputs and NX Multi-mode Power Amplifiers.

This Network Enabled (NE) processor offers ease of use, setup and control using standard 10/100 Ethernet protocol, Remote Volume Control, and Protea NE Software.

NX Amplifiers provide flexibility, stability and performance

Hi-current design offers sonic punch and detail with ample headroom. The NXE 1.52 Multi-mode Power Amplifier with Dante and can handle even the biggest low-frequency speakers Rugged construction designed to handle the rigors of day-in/day-out use. Flexible connectivity, including durable Speakon™ connectors and both Euroblock and XLR/combo jack inputs.

Advanced DSP and Processing

The ne8800 Digital Signal Processor is configured to provide EQ on each input (cut the lows on microphones, boost lows on music), route the inputs to the correct outputs, eq the speakers, and limit protect the speakers.

- 8 Mic/Line inputs / 8 outputs
- Input Leveling/Gate
- Matrix Mixer
- 31 presets
- 10/100 Ethernet and RS232 computer interface is standard
- Easy and intuitive user interface
- Selected outputs with dedicated eq and limiter
- Euroblock Inputs/Outputs

Dante-Enabled Audio System

Dante allows interconnection with a wide array of available Dante-compatible devices. This keeps the wiring requirements simple (all CAT5 or CAT6) and realizes the benefits of an all-digital signal path-free from noise, EM interference and ground loops. All this can run on a single dedicated or existing Ethernet network, using standard network hardware.

Ashly's Dante I/O cards now supports Dante v4.0 which is compliant with AES67 standards and offers greater flexibility and compatibility when configuring systems utilizing various digital audio transmission protocols.

Back-to-back playing fields: The locked sound system rack is to be in the shared announcer booth. Four outdoor speakers connected direct to 8 ohms are aimed at each field's seating area and the baseline.

In this example, each field has networkable wall plates inputs for two 'wired' microphones (desktop microphone + spare), a wireless handheld microphone, a local 'stereo' input for portable music players a 'stereo' input for a dedicated CD player, and other media devices. The 'stereo' inputs are summed to mono using a wall-plate summing amp.

Convenient Remote Control

A WR-1 serial wall remote in each field broadcast booth provide users with column adjustments for microphone and music playback levels.