

LONG BEACH CONVENTION & ENTERTAINMENT CENTER

Arena Sound System

5/7/03

OVERVIEW

The Arena sound system was designed and installed in 1996 by Paul Fabre' of our in-house audio department. It is an flexible system with a variety of setups. There is a charge for the use of the Arena sound system. Please call for info.

HOUSE SOUND BOARD

Mackie 1402VLZ Sound Reinforcement Console
(14) input console, (6) mono input modules (4) stereo input modules. (2) Aux. outputs. Stereo L/R Master outputs plus summed mono.

MAIN SYSTEM

North Cluster: (10) Woodworx WX12-AIW speakers powered by (5) QSC MX-1500a amps. Total 2500w
South Cluster: (10) Woodworx WX12-AIW speakers powered by (5) QSC MX-1500a amps. Total 2500w

Each of these clusters are located along the longitudinal centerline of the arena ceiling at the "one thirds" and "two thirds" locations. The speakers are flown at a height of 66 feet.

East Cluster: (4) Woodworx WX12-AIW speakers powered by (2) QSC MX-1500a amps. Total 1000w
West Cluster: (4) Woodworx WX12-AIW speakers powered by (2) QSC MX-1500a amps. Total 1000w

Each of these clusters are located along the latitudal centerline of the arena ceiling approximately 49 feet each side of center. The speakers are flown at a height of 66 feet.

UPPER BALCONY DELAY SYSTEM

Four Clusters Of: (2) Woodworx WX112-AIW speakers powered by (1) QSC MX-1500a amp each. Total 2000 watts.

Each pair of these speakers cover the extreme high quadrants of the arena. They are located tight against the roof beams 25 feet off of each side of the latitudal centerline, approximately 72 feet off of the longitudinal centerline.

CONCOURSE SOUND

Both upper and lower concourses and all stairwells feature the original 70 volt distributed system that was installed in 1962. Altec 755A speakers were used throughout. The concourses are powered by (1) QSC MX-1500a amp. Total 500 watts.

HOUSE MIX POSITION

Top Of Balcony Section 215 Located On the East Side Of The Arena

HOUSE MIC LINES

Over (30) microphone lines are available throughout the arena.

HOUSE WIRELESS MICROPHONES

(4) hand-held Samson UHF wireless microphones with EV 757 heads are included with the system.

803.000 Group 6	Channel 0	Arena hand held (grey)
795.000 Group 6	Channel 5	Arena hand held (blue)
794.750 Group 6	Channel 6	Arena hand held (white)
796.000 Group 6	Channel 4	Arena hand held (yellow)
796.000 Group 9	Channel 9	Arena hand held (yellow)

HOUSE EFFECTS AND PROCESSORS

(1) Presonus ACP-88 eight channel compressor/noise gate

HOUSE PLAYBACK/RECORD

- (1) Game OPS Commander PC Based, wav.file record & playback system
- (1) 360 Systems "Instant Replay" Hard Drive Recorder
- (1) Denon DN-650F CD Player
- (1) Yamaha KX-4000 Cassette Deck

HOUSE INTERCOM

Is All Clear-Com

- (2) PS-454 power supplies (For 8 Channels of simultaneous isolated talk)
- (12) RS-501 single channel belt packs.

(1) Single muff headset.

(12) Double muff headsets.

(1) Wireless headset available.

Frequencies:	Base	185.400
	RF1	208.900

(2) Wireless IFB

Frequencies:	F1	180.075
	F1	180.800