

Sound System Specifications

February 27, 2004

Permanent House System:

Allen & Heath GL-4 sound console

40 channel, 10 aux sends, 2 matrix sends (Matrix B dedicated Lobby & Lounge program sound feed), 8 subgroups, Left, Right and Centre Mains

10 Bryston SST 4B Amps driving the following speakers:

Left Main, Left Downfill, Right Main, Right Downfill, Centre Main, Centre L & R downfill, Left Subwoofer, Right Subwoofer, Left Balcony Fill, Right Balcony Fill, 4 individual stage monitor mixes (for individual speaker specs please call the T.D.)

System Equalization, crossovers & limiting are done by two stereo Rane RPM88 Digital processors

Snake from the board to Stage Left via the amp room

24 mic inputs (stage to board)

8 line outputs (board to stage)

12 sends to mix (board to amp room)

4 monitor outs (amp room to stage)

6 mic inputs (onstage catwalks to DSL)

4 Ashley Stereo 31 band, 1/3 octave graphic EQ's

Left Main

Right Main

Monitor 1

Monitor 2

Monitor 3

Monitor 4

Centre

Spare

Outboard Equipment:

(all run through Furman power conditioners)

- 1 Sony CD Player (CDP-X300)
- 1 dbx 1074 Quad Gate
- 4 dbx 160A Stereo Compressor Limiters
- 1 Roland Dimensional Space Delay
- 1 Lexicon MPX550 Digital FX
- 2 Yamaha SPX990 Digital FX
- 12 Shure UL-A wireless microphone receivers

Microphones:

(manufactured by Shure unless otherwise noted)

- 5 Beta 87A Wireless handheld
- 12 UC-A wireless lavalier
- 4 Beta 56A Instrument / Drum
- 8 SM 57 Instrument
- 6 Beta 58A Vocal
- 4 Beta 98-S compact instrument (condenser)
- 8 MX202 Choral
- 2 AKG C 3000 B Vocal
- 2 AKG 414 B-ULS Selectable pickup
- 1 AKG D112 Kick Drum
- 1 Crown PCC-160 Floor
- 1 Passive D.I. w/ ground lift

Snakes & Microphone Stands:

- 2 30' 8 channel snakes
- 1 100' 12 channel snake (needs some repair)
- 12 36" telescopic w/ 30" boom – tripod (black)
- 3 36" telescopic w/ 30" boom – round (silver)
- 4 16" telescopic w/ 20" boom – round (black)
- 1 8" telescopic w/ 8" boom – round (silver kick drum stand)
- 7 30" telescopic straight – round (black) (5 with no base)
- 1 20" telescopic straight – round (silver)
- 2 20" telescopic straight – tripod (black)

Misc:

- 30 Manhasset music stands
- 45 Manhasset music stand lights
- 1 Radio Shack SPL Meter
- 1 Dual Phantom power adapter (FOH Phonic Ear Mic)
- 1 Phonic Ear PE 550 Transmitter
- 6 Phonic Ear PE 300 R FM receivers

Older stored gear:

- 1 BOSE 402-E speaker equalizer
- 2 BOSE 402 speakers (must use above equalizer)
- 2 Small Meyer ceiling mounted speakers
- 2 Meyer Ultraseries P1P-A processors
- 1 Meyer Ultraseries M-1 processor
- 2 Ashley FET-500 Stereo Amps (XLR in, banana / bare wire out)

Intercom & Program Sound:

- 1 Clear-Com CS210 Base station
Channel B is dedicated to backstage program sound
- 4 Clear-Com beltpacks
- 5 Clear-Com speaker stations (1 floating)
- 5 Single muff, lightweight headsets
- 2 double muff headsets

Program Sound Stations: Lobby, Lounge, Bar, Dressing Room, Green Room

Usual Intercom Locations: Lighting, Followspot, Sound, DSR, DSL

Optional Location: Centre Auditorium, Centre FOH 1 catwalk, bar, orchestra pit, dressing room, USR, USL

Touring Power:

100A, three-phase splitter with isolated ground in electrical room below USL accessible through a cutout in the stage floor (licensed electrician required to do tie-in)

60A, single phase, 220V stove plug on MSR wall. The pin configuration for the plug is below:

