

# BAHAI WORLD CENTRE Haifa, Israel

The Bahai World Centre is the world headquarters for the Bahai Faith. Located in Haifa, Israel on the slopes of Mount Carmel, it is the spiritual and administrative heart of the Bahai Faith. From this complex a staff of more than 600 people from 60 countries administer the internal affairs of the Bahai World Community. In the 1990's a new phase of construction was launched. A series of terraces and several new institutional buildings will be completed by the end of the year 2000.

Allstar Show Industries was contracted to supply and install audio, video, lighting, intercom, automatic conferencing systems, wireless and wired automated control systems and translation systems.

The systems were installed in three separate locations. The Centre for International Councillors and building under Terrace 11 consist of audio systems with DSP based processors to provide audio routing, system presets, remote control and virtual control screens as part of the audio system software running on a PC computer.

The video system in CIC is a video selector system controlled by an operator in the control booth. A video matrix switcher is the core of the system. In the building under Terrace 11 the video is controlled by an operator in the control booth or via wireless remote control. Video sources are switched via a cinema processor/switcher. The video playback system offers multi format use (PAL, NTSC, SECAM). Stage mounted computer interfaces are provided to allow remote computer presentations.

The audio/video system in the level six multipurpose room location consists of left, right and front loudspeakers, mixing console, a four channel UHF wireless microphone system, audio system playback and video and slide projectors.

The translation system in CIC is composed of two parts, switching and translator consoles and the infrared signal distribution system. There are three translator positions in the booth and the floor feed is supplied to the translation system from the main audio system. The system will provide three languages plus a floor feed with room for expansion.

A complete stage lighting system was installed in CIC with controls, luminaires and distribution equipment. The theatrical and house lighting dimming systems were integrated so that the house and stage lighting can be controlled by either the house or stage lighting controllers with priority lockouts.



## SCOPE OF WORK:

### SHOP Preparation:

- Install equipment, wire and test racks for site installation
- Modify equipment to 230V 50Hz as necessary
- Prepare speaker cabinets with suspension hardware
- Pre build rack plinths
- Pre assemble equipment for mounting
- Custom manufacture field panels
- BSS Soundweb design and programming
- AMX programming
- Assemble manuals
- Custom Manufacture Remote for Panasonic VCR
- Provide as built CADD drawings
- Prep equipment for delivery to site
- Prepare Customs clearance documents

### On site:

- Install, mount terminate, dress and test all speaker and electronic components
- Complete system check equalize and gain set
- Install, terminate, dress and test all equipment in racks on site
- Terminate all electronic equipment to supplied A/C locations
- Install, Terminate and final programming for AMX control system
- Consult and schedule with subtrades
- Supply and install jackfields and patchbays
- Terminate, dress and label all equipment racks
- Install and terminate translation system

### On site:

- Install, terminate and test translation system
- Install, mount terminate, dress and test all lighting fixtures
- Install and test all lighting control locations
- Custom build paging controls
- Hang and focus stage lighting system
- Wire A/C as necessary
- Install projection screens
- Test, install and focus projectors
- Pull cable to all necessary locations
- Train staff on proper use of equipment



## EQUIPMENT LIST

### AUDIO

- Meyer CQ-1 Powered Speaker Cabinets
  - EAW SM122 Monitors
  - EAW MK2194 Speaker Cabinets
  - EAW MK2196 Speaker Cabinets
  - EAW JF80 Speaker Cabinets
  - EAW SP180P Subwoofers
  - Yamaha MS10 Monitor
  - QSC CX Series Amplifiers
  - Ashly FTX Amplifiers W/CL Modules
  - Ashly GQX Series Equalizers
  - Yamaha XH Series Amplifiers
  - Rane DA216 Distribution Amps
  - Rane MS1 Preamplifier
  - Mackie 1402VLZ Mixers
  - Soundcraft 328 Mixing Console
  - Yamaha MDF-3 Midi Data Filer
  - TOA F121-CM Speakers
  - Mackie HR824 Powered Monitors
  - Biamp DSP Processor
  - Shure AMS8100C Mixer
  - Pioneer DVD7300 DVD Player
  - Tascam CD/A700 CD/Cassette Combo
  - Tascam MD-801 Mini Disc Recorder W/Remote
  - Shure MX, WCM, SM, AMS Series Microphones
  - AKG C535EB Microphones
  - Furman PL-Plus Power Modules
  - Furman PL-8 Power Conditioners
  - ADC Audio Patchbays
  - AKG K240DF Headphones
  - Sennheiser MD421 Microphones
  - K&M Assorted Microphone Stands
  - Assorted Digiflex Patch and Microphone Cables
  - Assorted Little Lights
  - Beyer DT-108 Headphones
  - SKB Portable Racks
  - Atlas Transformers and Attenuators
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- Atlas AS83 In Wall Speakers
  - Lexicon MC1 Processor
  - Clearcom SB440 Master Stations
  - Clearcom RS501 Beltpacks
  - Clearcom GM18 Mic Gooseneck
  - Tannoy THP60 Transformers
  - Sennheiser MKE2-5-Gold Lavalier Microphones

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- BSS SW9010 Remotes
- BSS Soundweb Matrixing
- Shure UC14 Bodypacks
- Shure U2/87 Transmitters
- Shure U2/58 Transmitters
- Shure UA845-UA Antenna/Distribution System
- Loftech TS-1RX Meter
- Middle Atlantic Racks
- Middle Atlantic Seismic Kits
- AMP-1A Powered Monitor
- Sony DSR-20P DV Recorder
- Sony DSRM-10 Remote Control
- Allen Omni Mount Brackets
- Sennheiser HD25 Headphones

### VIDEO & Misc.

- Proxima 9320 Projectors
- Proxima Lens-001 Wide Angle Lens
- Proxima Lens-004 Long Throw Lens
- Stewart Custom Screens
- Elmo Slide Projectors
- Analog Way SCUT2 Video Scaler/Switcher
- ADC Video Patchbays
- Pioneer CLD-V2300 Laser Disc Player
- Panasonic AG-W3 Multiformat VCR's
- Panasonic AG8700 SVHS Recorder
- Panasonic BTS-1050Y Monitors
- Panasonic AG-7350 VHS (PAL)
- Panasonic CT27 Monitor
- Panasonic AGA-350 Remote
- Extron RGB 406 Universal Interface
- Extron DVS100 Multipliers
- Extron SW2ARMX Selector
- Extron RGB 320 Video Switchers
- Extron RGB324 Interfaces
- Extron PA250 Line Amp
- Extron SS200 Sync Stab
- Kramer VS-801 Video Switcher
- Kramer BC-2081S Video Switcher
- Kramer BC-1015 Dist Amp
- Kramer BC2616 Auto Matrix
- Kramer BC-1110 Dist Amp
- AMX Axcent 3 Pro Controller
- AMX AXD-MSP32 Button Panel
- AMX AXD-232 Data Cards

### VIDEO & Misc.

- Kramer VS-801 Video Switcher
- Kramer BC-2081S Video Switcher
- Kramer BC-1015 Dist Amp
- Kramer BC2616 Auto Matrix
- Kramer BC-1110 Dist Amp
- AMX Axcent 3 Pro Controller
- AMX AXD-MSP32 Button Panel
- AMX AXD-232 Data Cards
- AMX PS2.8 Power Supplies
- AMX AXR-RF Receivers
- AMX SMT-PKM Touch Panels
- Bretford BBC54-P4 Carts
- Sony EVD-31D Cameras
- CC4600-3 Color Cameras
- NL5583 Varifocal Lens
- Intel Pentium III Workstation
- Acer 17" SVGA Monitor
- Televic TIS1500 Interpreter Desks
- Televic TIS1500-BC15 Booth Controllers
- Televic HMD1410 Headsets
- Sennheiser SZI1029 10W Radiators
- Sennheiser EK1029 12 Receivers
- Sennheiser ETZ1011 Couplers
- Sennheiser SZI1029 5W Radiators
- Sennheiser SI1029TC Modules
- Sennheiser SI1029SA Power Supplies
- Sennheiser SI1029 Modulators
- Sennheiser L1029020NT Charger
- Sennheiser TC2-26 Headphones

### LIGHTING

- ETC Express 250 Controller
- GAM Command II Preset Control
- GAM 3260 DMX Priority Switcher
- GAM 3240 OPTO-ISO
- ETC Source Four Zoom Instruments
- ETC Snoots
- Strand Fresnels
- Altman Sidearms
- Strand Barn Doors
- Osram Bulbs