

HARD ROCK *café*, CALGARY

Allstar was contracted by Mike Baboushkin of Baboushkin Design Group Ltd., regarding the audio and video specification and installation for the Hard Rock cafe', Calgary.

It soon became apparent that the owner, Sig Gutche wanted something more than the garden variety music system. We were asked to come up with a complete *state-of-the-art* design concept encompassing the following; concert sound and lighting, DJ use for Friday and Saturday nights, video playback of 8 sources to 8 zones with 35 televisions, background and foreground house sound system, automated lighting system and an automated process control system to aid in the managements ability to use these complex systems.



EQUIPMENT LIST

AUDIO:

- Meyer UPA-1-C Speaker Systems
- Meyer 650-R2 Sub Speaker Systems
- Meyer M1a Speaker System Processors
- Meyer B-2ex Speaker System Processors
- QSC EX Series Power Amplifiers
- Tannoy CMS-651-CT Ceiling Speakers
- JBL C5 Monitors
- DN300 Klark Teknik Equalizers
- DN360 Klark Teknik Equalizers
- dbx Stereo Compressor Limiters
- MP24 Rane Mixer Preamplifier
- SM58 Shure Vocal Microphones
- DN2000 Denon Dual CD Player
- dbx Mono Compressor Limiters
- JBL Omnimount Brackets
- Hammond Steel Amplifier Racks

LIGHTING:

- High End Systems Cyberlite Fixtures
- High End Color Pro Fixtures
- High End Systems Emulator Fixtures
- High End Systems Color Pro Controller
- High End Systems Universal Controller
- High End Systems Cyberlite LCD Controller
- High End Systems High Performance Foggers

VIDEO

- Leitch 1x8 Video Distribution Amps
- CAM25 Agile Modulator (To integrate satellite)
- JVC Super VHS VCR's
- Zenith 14" Color Televisions
- Zenith 27" Color Televisions
- Zenith 32" Color Televisions
- Custom ASD Brackets for all Televisions

AMX AUTOMATION:

- AMX Universal Relay Cards
- AMX Ramp Generator Cards
- AMX Stereo Volume Control Cards
- AMX Infrared/Serial Data Cards
- AMX Infrared Emitters
- AMX Pan/Tilt Interface Card
- AMX RS232 Interface Card
- AMX Lens Interface Cards
- Leitch Plus 8x8 Video Routing Switcher
- Leitch Frame/Power Supply
- AMX 1.6A Power Supply
- AMX Electroluminescent Touch Panel
- AMX CardFram/Control System CPU
- PS28 2.8A Power Supplies
- JVC 1/2" CCD Color Camera
- Cosmicar/Pentax FL2 Zoom Lens
- Vicon Programmable Pan & Tilt

SCOPE OF WORK

SHOP Preparation: AUDIO

- Install equipment, wire and test racks for site installation
- Prepare speaker cabinets with hanging hardware
- Prepare non rack mounted equipment with mounting brackets
- Test all equipment and components
- Write documentation and assemble literature
- Assemble CAD Drawings

On SITE LIGHTING

- Program lighting controllers
- Install, mount, terminate, dress and test all fixtures and bars
- Install proper hanging hardware for lighting Bars and Fixtures
- Mount all truss and support hardware
- Install and test all lighting control locations

On SITE & SHOP Preparation:

- Design custom monitor brackets
- Install, mount, terminate, dress and test televisions and components
- Mount all hardware
- Label & test all video equipment
- Train staff in use of system
- Write documentation and assemble literature
- Install satellite system and program
- Program automation
- Install pan & tilt camera's
- Interface same with internal video systems
- Assemble CAD Drawings