

A note to Production/Tour Managers regarding sound reinforcement & the Troy Savings Bank Music Hall

The Troy Savings Bank Music Hall is regarded as one of the most acoustically sensitive venues ever built. The reflective surfaces, high domed ceiling and band shell design provide a naturally amplified, long reverberation creating a lush and warm sound for light ensembles and classical concerts without the need for any sound reinforcement. The Hall has proved to be a challenge for more contemporary artists.

2005 marked a milestone for the Troy Savings Bank Music Hall highlighted with the addition of adjustable and removable sound control baffles, curtains and a digitally controlled sound system custom designed for the Hall. This combination reduced reflections resulting in better clarity and articulation. An all EV X-Array system combining left and right vertical arrays with delayed fill cabinets deliver balanced coverage to all seating areas. This stereo configuration is augmented by eight front fill cabinets driven by a mono fader, summed left plus right.

Visiting Sound Engineers are encouraged to take special notice to the natural acoustics of the Hall before assuming standard sound reinforcement techniques would be effective. We hope you respect and appreciate the sensitivity and special nature of the Troy Savings Bank Music Hall.

If additional information is needed please contact:

Richard Dalbec, Dalbec Audio Lab (518) 272-7098, email, dalbec@dalbec.com

Sound System Specifications [revised 2010]

Inventory subject to change

F.O.H. LOUDSPEAKERS		
2	Electro Voice	Xi-2153A/64F Main left and right speakers flown above stage
2	Electro Voice	Fri+ 122/64 Lower fill speakers wall mounted left and right
2	Electro Voice	Fri+ 122/64 Balcony left and right flown from ceiling
8	Electro Voice	Xi-1082 - NL2 Front fill placed on stage
F.O.H. DRIVE & AMPLIFICATION		
1	Klark Teknik - DN360B	Stereo EQ
6	Electro Voice	P3000 Power Amplifiers
F.O.H. CONSOLE & EQ		
1	MIDAS VERONA 400/8/IP	40 inputs – (32 mono + 8 multifunction), 8 aux, 8 groups, 12X4 matrix, 4 mute groups, 4-band EQ all bands sweep, high pass 20-400hz variable
1	Klark Teknik DN 360B	Stereo 1/3 Octave F.O.H. EQ (for mains, balcony & gallery zones)
F.O.H. PROCESSING & INPUT		
	DYNAMICS PROCESSING	8 Channels of insertable compression DN 504 PLUS 4 Channels of insertable gates DN 514 PLUS
	REVERB/DELAY/EFFECTS	Lexicon MPX 1, Lexicon MPX550
	CD/R - CASSETTE Recorder	TASCAM CC-222
MONITOR SYSTEM -- 8 mixes from side stage, left or right.		
1	Allen & Heath GL-3300	32 inputs (mono) 8 Auxes, 2 Matrix, 4 Mute groups, 4 band EG with 2 sweep 100hz high pass
1	Klark Teknik - DN360B	Stereo 1/3 Octave 8 channel EQ
8	Electro Voice speakers	FRI-28LMP (2-way passive, 1" HF, 2 8" LF) floor wedges

Microphones / DI's

8 - SM58, 8 - SM57, 2- KSM 32, 4- RE-200. 1 – Sennheiser 421, 1 AKG D112, 4 - Whirlwind active type

Other microphones may be available on request