

Clarke Recital Hall

Sound Reinforcement and Recording Capabilities

Main sound reinforcement console: Mackie SR32-4 VLZ PRO

- 24 inputs from stage with 3-band EQ, 2 effects sends, 2 monitor mixes, 3 outboard stereo compressors
- each monitor send has a dedicated Sabine FBX 2400 (“Feedback Extermination”)

Main speakers: Martin ____ with Meyer ____ Subwoofer

Monitor speakers: EAW SM-129zi (x4) (2 mixes, 4 speakers)

Main recording console: Yamaha DM-2000

Multitrack recorders: Magix “Sequoia” (24 mono inputs, simultaneous stereo mix input, WAV format, 24-bits/44.1ks/s); Alesis HD-24 - 24 inputs / backup recording
- stereo mix available in CD format, individual multitrack files available on DVD-R

Microphones: AKG C-414 B-TLII (x2), AKG D-112 (x1), Audio-Technica AT-815R (shotgun with windscreen) (x2), Audix OM3-S (x1), Audix OM5 (x6), Beyerdynamic M-69 (x1), Beyerdynamic M-88 (x2), Beyerdynamic M-160 (x2), DPA (Brüel & Kjær) 4007 (x2), DPA (Brüel & Kjær) 4021 with clip for double bass (x1), Electro-Voice RE-20 (x2), Neumann KM-184 (x2), Neumann KMS-105 (x4), Neumann TLM-103 (x2), Sennheiser MD-421 (x2), Shure Beta 52 (x1), Shure SM-57 (x7), Shure SM-58 (x3), Shure SM-81 (with windscreen) (x2), Sennheiser SKM 135 G2 (wireless - handheld) (x4), Sennheiser SK 100 G2 (wireless - body pack) with DPA 4088 (headband mic) (x4)

Direct Boxes: Cable Factory P-1 DI (passive) (x4), Summit Audio TD-100 (active/tube) (x1), Whirlwind Hot Box DI (active) (x2)

Description

Clarke Recital Hall is a small (147 seats) auditorium with variable acoustics. The stage is wooden, measuring 32 ft., 4 in. (9.9 m) wide in the front by 19 ft., 5 in. (5.9 m) deep in the center. There are no wings, and there is no front curtain. Curtains along the side walls may be opened/closed, adjusting to the acoustic preferences of the performer.

Due to the size of the stage and hall, and because there are no “wings”, the house sound system has no “Monitor World” – dedicated mix position for monitors. Two mixes are available from the Front-of-House mixing position.

We have eight wireless microphone systems that are shared between two venues: four handheld, and four headband style. Clarke Recital Hall has four wireless receivers, so any combination of four wireless microphones may be used.

Our recording and sound reinforcement engineers are all experienced students in the Music Engineering Technology program, supervised by the Director of Recording Services.