

RCNV Gear

At the tech desk (Back of house)

StudioLive® Series III 32SC Digital Console Mixer <https://www.manualslib.com/download/1859562/Presonus-StudioLive-Iii-Series.html>

Furman PL-Pro 20A Power Conditioner

Oppo BDP-103 Disc Player: https://download.oppodigital.com/BDP103/BDP-103_USER_MANUAL_English_v1.8.2.pdf

Video

PTZCam Switch N8: https://books57.net/Oton_PTZ_N8_Manual.pdf

3 PTZCam UV510A cameras: <https://books57.net/PTZCam%20UV510A%20manual.pdf>

Sony VPL-HW45ES projector: <https://www.sony.com/electronics/support/res/manuals/4589/45898720M.pdf>

At the stage

2 Mackie SRM450 powered full-range main speakers, suspended at front of stage corners

<https://www.manualslib.com/manual/293829/Mackie-Srm450.html>

2 Mackie SRM1550 powered subs, on floor-dollies under mains:

https://www.proacousticsusa.com/media/wysiwyg/SRM1550_OM.pdf

No stage-monitor system

24x4 snake on floor at stage front,

CSL gear

Microphones, all Lo-Z, wired

Audio-Technica AT202 – instruments: cardioid, condenser, high max-SPL: https://docs.audio-technica.com/us/at2021_ss_e.pdf

Audio-Technica AT2035 – cardioid, condenser, side-addressed, large-diaphragm, high max-SPL: https://docs.audio-technica.com/us/at2035_ss_e.pdf

2 Rode NT5 (matched pair) – instruments: cardioid, condenser, flat-frequency response: https://cdn1.rote.com/nt5-mp_product_manual.pdf

Sennheiser e935 - vocals: cardioid, dynamic: https://assets.sennheiser.com/global-downloads/file/11780/e935_Manual_01_2019_EN.pdf

Shure Beta87A - vocals: **supercardioid**, condenser: <https://pubs.shure.com/view/guide/BETA87A/en-US.pdf>

2 Shure SM58 - vocals: cardioid, dynamic: <https://pubs.shure.com/guide/SM58/en-US>

Shure SM48 - vocals: cardioid, dynamic: <https://pubs.shure.com/guide/SM48-SM48S/en-US>

sE Electronics sE2000 large-diaphragm cardioid condenser w -10dB pad, w high-pass filter, side-addressed
<https://seelectronics.com/legacy-products/>

2 Shure/RadioShack 33-1070C - omnidirectional, dynamic <https://content-files.shure.com/KnowledgeBaseFiles/33-1070d-radio-shack.pdf>

Peavey PVM-38 – vocals: cardioid, dynamic

Microphones, wireless transmitters & receivers

?? 2-earloop headset mic (omni? uni?) w BLX1 body-transmitter (used w Shure BLX4 receiver at mixer)

<https://pubs.shure.com/view/guide/BLX/en-US.pdf> (572- 596MHz range 'H11')

Shure SM58 cardioid microphone w built-in PGX2 transmitter (used w Shure PGX4 receiver at mixer)

https://books57.net/Shure_pgx_wireless.pdf (524-542MHz range 'H6')

At the Stage

2 Yamaha S12Me wedge monitor speakers, 8-ohm https://usa.yamaha.com/files/download/other_assets/3/323863/S10eE.pdf

1 Yamaha SM10IV floor wedge monitor at piano https://usa.yamaha.com/files/download/other_assets/4/320994/ClubIV_E.pdf (SP's)

Behringer PMP500 '12-channel' dual-amplifier: https://mediadl.musictribe.com/media/PLM/data/docs/PMP/PMP1000-PMP3000-PMP5000_M_EN.pdf (used as monitors amp)

Schirmer & Son baby grand piano (~5' 4")

Broadcast Gear

Macbook-Pro 2021 16" 512GB, M1 Pro, 16GB running Ecamm-Live-Pro: <https://support.apple.com/en-us/111901>

ESI Maya22 Audio-USB AD/DA converter: https://download.esi-audiotechnik.com/download/ESI/MAYA22_USB/MAYA22_USB-English.pdf

J5Create JCD543 Docking Station: <https://en.j5create.com/products/jcd543> ,
https://cdn.shopify.com/s/files/1/2157/8903/files/JCD543_OIG.pdf

HDMI Capture Device 1080P HD 60fps, 4K HDMI to USB 3.0 <https://www.amazon.com/dp/B091NWB4RJ> (SP's)