

At the mixer table (Back of house)

- 1 Allen-Heath MixWizard WZ3 16-2 mixer https://www.allen-heath.com/content/uploads/2023/07/W3UG_122-162_AP5331_5.pdf
- 1 dbx 1231 2-channel 31-band Equalizer: mono mains, monitors <https://books57.net/dbx%201231%20EQ.pdf>
- 1 Furman PL-PLUS-DMC Power Conditioner <https://furmanpower.com/product/15a-power-conditioner-with-lights-volt-ammeter/>
- 1 Sony DVP-NS325 CD-DVD player w remote <https://www.sony.com/electronics/support/res/manuals/W000/W0004026M.pdf>
- Noisy, out for diag's: 1 dbx 1046 4-channel Compressor/Limiter <https://books57.net/dbx%201046%20Quad%20Compressor%3ALimiter.pdf>

Microphones, all Lo-Z, wired

- 1 Audio-Technica AT2021 – instruments: cardioid, condenser, high max-SPL: https://docs.audio-technica.com/us/at2021_ss_e.pdf
- 1 Audio-Technica AT2035 – cardioid, condenser, side-addressed, large-diaphragm, high max-SPL: https://docs.audio-technica.com/us/at2035_ss_e.pdf
- 1 Audix OM3 – vocals: **hypercardioid**, dynamic, https://audixusa.com/wp-content/uploads/2020/07/OM3_SpecSheet.pdf (loaned by Anthony)
- 2 Rode NT5 (matched pair) – instruments: cardioid, condenser, flat-frequency response: http://cdn1.rode.com/nt5-mp_product_manual.pdf
- 1 Sennheiser e935 - vocals: cardioid, dynamic: https://assets.sennheiser.com/global-downloads/file/11780/e935_Manual_01_2019_EN.pdf
- 1 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>
- 1 Shure SM48 - vocals: cardioid, dynamic: <https://pubs.shure.com/guide/SM48-SM48S/en-US>
- 1 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>
- 1 Peavey PVM-38 – vocals: cardioid, dynamic

Microphones, wireless and transmitters

- 1 Shure SM58 cardioid microphone w built-in PGX2 transmitter (used w Shure PGX4 receiver) https://books57.net/Shure_pgx_wireless.pdf

Wireless Transmitters, Receivers

- 1 Shure PGX4 receiver (at mixer, used w Shure SM58-PGX2 wireless microphone) https://books57.net/Shure_pgx_wireless.pdf

At the Stage

- 1 QSC RMX-2450 stereo amplifier: mono mains, 3 monitors (750-Watts/side @ 4-ohms) <https://books57.net/QSC%20RMX%20series%20amps%20manual.pdf>
- 2 EV ELX112 main speakers, flown at far right/left https://products.electrovoice.com/binary/Live_X_Passive_Loudspeaker_Owners_Manual.pdf
- 1 Yamaha YST-SW205 Subwoofer https://books57.net/Yamaha_YST-SW205_manual.pdf
- 2 Yamaha S12Me monitor speakers, 8-ohm https://usa.yamaha.com/files/download/other_assets/3/323863/S10eE.pdf
- 1 Electro-Voice FM12-2A monitor speaker at piano, 8-ohm https://books57.net/EV_FM12-2A_monitor.pdf
- 1 SAEM-16x4x100 XLR Snake <https://www.seismicaudiospeakers.com/products/16-channel-4-return-xlr-color-coded-snake-cable-100-feet>
- 1 Live-Wise 16x4 2-way snake w 1/4"-TRS returns (head at stage left, to SAEM snake)
- 1 Schirmer & Son baby grand piano (~5' 4")

Video

- Canon EOS SL2 DSLR camera w 'Sigma 70-300mm-f4-5-6-apo-dg-macro' telephoto lens: <https://www.usa.canon.com/support/p/eos-rebel-sl2>
- Canon EOS 70d DSLR camera w 'Tamron af28-200mm f3.8-5.6 aspherical LD' lens: <https://www.usa.canon.com/support/p/eos-70d>
- 2 tripods: SLIK U212, Gitzo G-340 both w pan and tilt heads
- NEC ea223wm monitor at Mac: https://assets.sharpeddisplays.us/documents/usermanuals/ea223wm_usermanual.pdf
- Panasonic TC-P50X1 50-inch plasma TV: https://help.na.panasonic.com/wp-content/uploads/2023/02/TCP42X1_P50X1_TOB2AA0806_3_ENG_ESP-1.pdf on stage table
- Panasonic TC-50LE64 50-inch LED TV: https://help.na.panasonic.com/wp-content/uploads/2023/02/TC50LE64_58LE64_TOB2AA0728_ENG_ESP.pdf on TAVR MT1001 TV Stand w casters https://books57.net/TAVR_MT1001_TV_Stand_mhtml
- HDMI splitter 1x4 1080p 4K: <https://www.amazon.com/Splitter-YUANLY-Powered-Adapter-Resolutions/dp/B07DMTWHGJ/>
- Benq SH910 Projector https://books57.net/Benq_SH910_projector_manual.pdf
- Da-Lite collapsible projection screens w built-in tripod stands: Smaller: ~ 50" x 67" (~84" diagonal); Larger 36472?: ~ 70" x 92" (~120" diagonal)
- [Da-Lite Tripods manual](#)

Broadcast Gear

- Apple MacBook-Pro 2017 13" 2.5 GHz Intel Core i7, 16GB 2133MHz LPDDR3, Intel Iris Plus Graphics 640 1536 MB, running Ecamm-Live-Pro: https://support.apple.com/kb/SP754?locale=en_US
- 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

Stage Gear – in cabinet, etc.

- 1 ART CleanBoxPro 2-way unbalanced <-> balanced converter, stereo, active http://www.artproaudio.com/framework/uploads/2018/06/om_cleanboxpro.pdf
- 1 Horizon Straightline SL-1 DI/direct-box, mono, passive
- 2 PSR 'Sound Block' DI/direct-box, mono, passive: https://downloads.monoprice.com/files/manuals/600125_OIG_160429.pdf
- Microphone stands, music stands, audio adapters and mic / patch cables_balanced & unbalanced

Small PA for indoors / outdoors

- 1 Mixer: Behringer PMP500 '12-channel' dual-amplifier
 - Quick-Start: https://mediadl.musictribe.com/media/PLM/data/docs/P0AJY/QSG_BE_0601-AFO_PMP500_WW.pdf
 - Webpage: <https://www.behringer.com/behringer/product?modelCode=0601-AFO>
 - Full Manual: https://mediadl.musictribe.com/media/PLM/data/docs/PMP/PMP1000-PMP3000-PMP5000_M_EN.pdf
- 2 Speakers: Small full-range w speaker-stand mounts
- 2 Speaker Stands: Talent SSGP Gig Pack PA/DJ 5 ft. Tripod
- 2 Speaker cables, 1 short (6ft?), 1 long (20ft?)
- 2 Monitors & speaker cables (from Sanctuary) - see 'At the Stage' above

Assisted Listening (ASL)

- 1 Behringer HA-400 headphone amp 1x4 https://mediadl.musictribe.com/media/PLM/data/docs/P0386/M_BE_0835-AAF_HA400_WW.pdf
- 2 Koss Ur-29 headphones <https://koss.com/products/ur29>

Other:

1 Shure A15AS Inline Switchable Attenuator: <https://pubs.shure.com/view/guide/A15AS/en-US.pdf>

1 Teac-Tascam CD-RW890MkII CD-RW w RC-22 Remote https://teac.jp/downloads/teac/936/cd-rw890mk2_om_efs_vc.pdf

1 RS 274-017C Balanced (Lo-Z) - Unbalanced (Hi-Z) inline transformer/converter

Dell S2309Wb monitor: https://downloads.dell.com/manuals/all-products/esuprt_electronics/esuprt_display/dell-s2309wfp_user%27s_guide_en-us.pdf

Samsung LN32A330J1D LCD monitor: <https://www.samsung.com/ca/support/model/LN32A330J1DXZC/>

Need repair/dead

1 Horizon 16x4 2-way snake w choice of 1/4"-TRS or XLR mixer->stage-returns (head at amp rack behind stage right, to mixer)

Audio-Technica ATW-R250 receiver (used w ATW-T201 transmitters)

1 Audio-Technica AT829 mini-lavalier, cardioid, condenser <https://sea.audio-technica.com/AT829cH>

2 OSP HS-06 – vocals: omnidirectional electret(condenser) ear-set w AT connector

1 Audio-Technica ATW-R03 receiver https://docs.audio-technica.com/us/300ser_om.pdf at mixer

used w ATW-T27 body-pack transmitter

1 Shure PG30 cardioid headset microphone and 1 PG1 transmitter pack (w TA4M/TA4F connectors) (used w Shure PG88 receiver)

1 Shure PG58 cardioid handheld mic/transmitter (used w Shure PG88 receiver) <https://books57.net/Shure%20PG%20Wireless%20System.pdf>

1 Shure PG88 2-channel receiver (at mixer, used w Shure PG30 and PG58 mics) <https://books57.net/Shure%20PG%20Wireless%20System.pdf>