

At the mixer table (Back of house)

- 1 Allen-Heath MixWizard WZ3 16-2 mixer https://www.allen-heath.com/media/W3UG_122-162_AP5331_5.pdf
- 1 dbx 1046 quad Compressor/Limiter (1RU) https://3e777c294b9bcaa5486-bc95634e606bab3d0a267a5a7901c44d.ssl.cf2.rackcdn.com/product_documents/documents/376_1334072621/1046_Manual_18-2244V-C_original.pdf
- 1 dbx 1231 dual-31-band Equalizer: mono mains, monitors (4RU) <https://dbxpro.com/> https://3e777c294b9bcaa5486-bc95634e606bab3d0a267a5a7901c44d.ssl.cf2.rackcdn.com/product_documents/documents/386_1323453012/12_Series_Manual_18-6340V-B_original.pdf
- 1 Furman PL-PLUS-DMC Power Conditioner http://resources.nortekcontrol.com/products/PL-PLUS-DMC/pdf_PL-PLUS-DMC_manual.pdf
- 1 Sony DVP-NS325 CD-DVD player w remote <https://www.sony.com/electronics/support/res/manuals/W000/W0004026M.pdf>
- 1 Teac-Tascam CD-RW890MkII CD-RW w RC-22 Remote https://www.teac-usa.com/wp-content/uploads/2018/05/cd-rw890mk2_om_efs_vb.pdf

Microphones, all Lo-Z, wired

- 1 Audio-Technica AT2021 – instruments: cardioid, condenser, end-addressed https://www.audio-technica.com/cms/resource_library/literature/b64c529aed0d8a32/at2021_ss_e.pdf
- 1 Audio-Technica AT2035 – bass/bass-drum; cardioid, condenser, side-addressed, large-diaphragm w shock mount, high max-SPL https://www.audio-technica.com/cms/resource_library/literature/bdcb8131ab1a8b43/at2035_ss_e.pdf
- 1 Audix OM3 – vocals: **hypercardioid**, dynamic, end-addressed https://audixusa.com/docs_12/specs_pdf/OM3_V3_0516.pdf (loaned to CSL by Anthony)
- 2 Rode NT5 (matched pair) – instruments: cardioid, condenser, flat-frequency response, end-addressed http://cdn1.rodemicrophones.com/nt5-mp_product_manual.pdf
- 1 sE Electronics sE2000 large-diaphragm cardioid condenser w -10dB pad, plus high-pass filter, side-addressed <https://www.seeelectronics.com/legacy-products>
- 1 Sennheiser e935 - vocals: cardioid, dynamic, end-addressed https://assets.sennheiser.com/global-downloads/file/11780/e935_Manual_01_2019_EN.pdf
- 1 Shure SM58 - vocals: cardioid, dynamic, end-addressed <https://pubs.shure.com/guide/SM58/en-US>
- 1 Shure SM48 - vocals: cardioid, dynamic, end-addressed <https://pubs.shure.com/guide/SM48-SM48S/en-US>
- 1 Peavey PVM-38 – vocals: cardioid, dynamic, end-addressed (used at mixer for talkback mic)

Microphones, wireless and transmitters

- 1 Shure SM58 dynamic, cardioid microphone w built-in PGX2 transmitter (used w Shure PGX4 receiver) http://books57.net/Shure_pgx_wireless.pdf
- Used w Audio-Technica ATW-T201 Transmitter Pack: https://www.audio-technica.com/media/wysiwyg/product/pdfs/us/200serfreeway_om.pdf
- 1 OSP HS-06 – vocals: omnidirectional electret(condenser) ear-set
- 1 Audio-Technica AT829 mini-lavalier, cardioid, condenser <https://sea.audio-technica.com/Cardioid-Condenser-Lavalier-Microphone-AT829cH>

Wireless Receivers

- 1 Shure PGX4 receiver (at mixer, used w Shure SM58-PGX2 wireless microphone) http://books57.net/Shure_pgx_wireless.pdf
- Audio-Technica ATW-R250 receiver (at mixer, used w ATW-T201 transmitter) https://www.audio-technica.com/media/wysiwyg/product/pdfs/us/p51858_01_freeway_200_om.pdf

At the Stage

- 1 QSC RMX-2450 stereo amplifier driving mono mains, monitors (750-Watts/side into 4-ohms) https://www.qsc.com/resource-files/productresources/amp/discontinued/rmx/q_amp_rmx_series2ru_usermanual.pdf
- 2 Yamaha S12Me monitor speakers, 8-ohm https://usa.yamaha.com/files/download/other_assets/3/323863/S10eE.pdf
- 2 EV ELX112 main speakers, flown at far right/left https://www.electrovoice.com/binary/Live_X_Passive_Loudspeaker_Owners_Manual.pdf
- 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)
- 1 Live-Wise 16x4 2-way snake w 1/4"-TRS returns (head at stage left, to Horizon snake)
- 1 Schirmer & Son baby grand piano (~5' 4")

Video

- Dell S2309Wb Monitor: https://downloads.dell.com/manuals/all-products/esuprt_electronics/esuprt_display/dell-s2309wfp_user%27s_guide_en-us.pdf
- Panasonic TC-P50X1 50-inch plasma TV https://c.searspartsdirect.com/mmh/pd_download/lis_pdf/OWNM/L0902419.pdf
- Panasonic TC-50LE64 50-inch LED TV ftp://ftp.panasonic.com/television/om/tc-50le64_en_om.pdf
- Samsung LN32A330J1D LCD: <https://www.samsung.com/ca/support/model/LN32A330J1DXZC/>
- HDMI splitter 1x4 1080p 4K: <https://www.amazon.com/Splitter-YUANLY-Powered-Adapter-Resolutions/dp/B07DMTWHGJ/>
- TAVR MT1001 TV Stand w casters http://books57.net/TAVR_MT1001_TV_Stand.mhtml
- Benq SH910 Projector http://books57.net/Benq_SH910_projector_manual.pdf
- Da-Lite collapsible projection screens w built-in tripod stands: Smaller: ~ 50" x 67" (~84" diagonal); Larger: ~ 70" x 92" (~120" diagonal)

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
- Canon EOS 70D Camera w lg 'Sigma APO DG' telephoto lens: <https://www.usa.canon.com/internet/portal/us/home/support/details/cameras/eos-dslr-and-mirrorless-cameras/dslr/eos-70d/>, <https://www.sigmaphoto.com/70-300mm-f4-5-6-apo-dg-macro>
- ESI Maya22 Audio-USB 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_QIG.pdf

Stage Gear – in cabinet, etc.

- 1 ART CleanBoxPro DI/Leveler, stereo, active http://www.artproaudio.com/framework/uploads/2018/06/om_cleanboxpro.pdf
- 1 Horizon Straightline SL-1 DI/direct-box, mono, passive
- Microphone stands, music stands, audio adapters

Other:

Logitech Brio WebCam: 4k 108p etc <https://www.logitech.com/en-us/product/brio>

http://books57.net/Accutower_CD-Duplicator-QS.pdf

http://books57.net/Accutower_CD-Duplicator_OM.pdf

1 Electro-Voice FM12-2A monitor speaker , 8-ohm [http://books57.net/EV FM12-2A monitor.pdf](http://books57.net/EV_FM12-2A_monitor.pdf)

Notes:

Re links to documents: Word on Mac might get error message "cannot locate internet server or proxy server" If so, right-click on link, select "toggle field codes" to display the actual link; copy and paste the link to your browser. Known Word-on-Mac bug; best workaround I could find.