BUSKIRK - CHUMLEY THEATER

Technical Specifications Packet

Updated 10/01/2026

If you have questions about equipment or use of the stage, contact our Technical Director at tech@buskirkchumley.org for more information.

STAGE DIMENSIONS	
Proscenium Width	33'
Proscenium Height	20'
Depth, Proscenium to Back Wall	17' 9"
Depth, Proscenium	2'
Depth, Downstage Edge to Proscenium	6'
Depth, Downstage Edge to Back Wall:	25' 9"
Width, Offstage Space from Proscenium to Stage Left Wall	13'
Width, Offstage Space from Proscenium to Stage Right Wall	15' 6"
Spot Position to Downstage Edge	55'
Height of Stage Apron	3' 1.5"
Orchestra Pit Width	37'6"
Orchestra Pit Depth	14'
FOH Road Mix Position	8' 6" w x 6' 9" d
Projector Booth to LS4 (28' x 20' Screen)	65'
Far Catwalk to LS5	44'
Stage Extension Options: 6' or 10' additional stage depth into the orchestra pit	6' or 10'

AUDITORIUM SEATING	
Orchestra Pit (removable seats)	53
Orchestra Seating (fixed seats)	301
Lower Balcony	102
Bench Seating	16
Upper Balcony	158
Total Seats with Orchestra Pit	629
Total Seats without Orchestra Pit	576

SOFTGOODS
2x Black velour legs on track 12′ x 22′
2x Black velour borders sewn flat (Only one in use) 50′ x 8′
1x main traveler sewn 50% fullness – wine
1x main valence sewn 50% fullness – wine
1x upstage traveler sewn 50% fullness – black
1x cyclorama – sky blue

LIGHTING	
Dimmers:	
ETC Sensor 20a 2.4kW	192
Stage circuits	186
Architecture lighting	8
Control:	
ETC ION Xe 12K lighting console with 12,288 outputs, 32,768 Channels	
ETC EOS Motorized Fader Wing, 20 Fader	
ETC Response Mk2 4-port Gateway	
ETC Response Mk2 Portable 2-Port Gateway	
2 hardwired universes, 6 sACN universes	
ETC Unison Architectural	
Fixtures:	
ETC Source 4 LED Series2 Lustr	24
ETC Source 4 EDLT Lens 19º	4
ETC Source 4 EDLT Lens 26º	8
ETC Source 4 EDLT Lens 36º	12
ETC Source 4 26º	12
ETC Source 4 36º	12
ETC S4 Par (MFL, WFL, Narrow Lenses)	16
Martin MAC Aura	10
Chroma Q ColorForce 72 w/ Cyc Lens	5
Chroma Q ColorOne Par	10
Altman 360Q 6x9 ERS	9
Altman 360Q 6x12 ERS	28
Altman 360Q 6x16 ERS	4
Colortran 650 10º, 8″ ERS	2
Lycian Midget Follow Spot	2
Manhasset Music Stand Light	56
Hazebase HB-0852 The FAB2 Hazer	1

POWER	
400-amp Company Switch, 120/208v, 3 Phase 4W	1
125-amp Company Switch, 120/208v, 3 Phase 4W	1
30-amp Dedicated Lighting Circuits, 120/208v, 3 Phase 4W	3
30-amp Stage Circuit, 120/208v, 3 Phase 4W	1
15-amp Stage Circuits, 120v, Single Phase	6
15-amp Dedicated FOH Circuit, 120v, Single Phase	1

AUDIO	
Mixing and I/O:	
Allen & Heath Avantis 96-channel, 56-bus Digital Mixer RackUltra FX and dPack	
Dante 128x128 Channel & AES3 6x4 Channel Expansion Cards	
Allen & Heath GX & DX Stage boxes with 76 Inputs and 48 Outputs total	
Whirlwind 32 Channel 3-way Isolated Stage Snake/Split (Stage, FOH & Booth)	
Tascam SS-CDR200 digital media recorder	
House Speaker System:	
L'Acoustics Kiva – Flown	16
L'Acoustics SB15 – Flown	2
L'AcousticsSB18 – Aux Driven	4
L'Acoustics 5XT – Front Fill	4
L'Acoustics 5XT – Under Balcony	2
L'Acoustics LA4X Amplifiers	5
EAW JF60 – Balcony Fill	4
Crown XTI 4000	1
Crown XTI 2002	2
Program & cast call speaker system (dressing rooms, backstage, and lobbies)	
Monitor System (monitors from front of house)	
L'Acoustics X12	7
L'Acoustics X8	2
L'Acoustics LA4X Amplifiers	2
Wireless Microphones:	
Shure SLXD4QDAN+ Quad Wireless Receiver	2
Shure QLXD Wireless Receiver	2
Shure SLXD1+ Wireless Bodypack Transmitter	8
Shure SLXD2+ Wireless Handheld Transmitter Beta58A	8
Shure QLXD Wireless Handheld Transmitter Beta58A	2
Shure QLXD Wireless Bodypack Transmitter	2
Shure MX153 Omnidirectional Earset Microphone	8
Shure WL185m Cardioid Lavalier Microphone	6
Shure UA844+SWB - 5-way Active Antenna Splitter	1

Microphones:	
Shure Beta 58	6
Shure SM 58	7
Shure SM 58S	1
Shure SM 57	9
Shure Beta 52	1
Shure Beta 98	6
Audio Technica 4041	4
Audio Technica PRO 37R condenser:	6
DPA 4099 Clip-on	2
Heil Pro 30	2
Sennheiser MD421 II	2
Audio Technica U853R Choral condensers	2
Ear Trumpet Labs “Myrtle”	1
Direct Boxes:	
Radial J48 DI	4
Whirlwind Director Passive DI	1
Whirlwind Hotbox Active DI	2
Whirlwind ISO 2	1
Passive 4 Input Multi DI	1
Intercom & Hearing Assist System:	
Clear-Com HelixNet Com System (4 Channels available, 1 in use.)	
Clear-Com RS703 2 Channel Belt packs	8
Telex BP1002 Belt packs	4
Clear-Com Headsets Full	6
Clear-Com Headsets Slim	2
Other Headsets	6
Telephones	3
Williams Sound hearing assist packs	6

OTHER
Yamaha C7 Baby Grand Piano
Music stands: 20
Six-foot tables: 20

VIDEO	
Projectors & Media Servers:	
Christie CP2215 Cinema Projector, 15,000 Lumens, 2K resolution, DLP	
Panasonic PT-DW830 Projector, 8,500 Lumens, WXGA resolution, DLP	
GDC SR-1000 Integrated Media Block for DCP Playback (Christie Only)	
Datasat AP20 Audio Processor	
Screens:	
Da-Lite Fast Fold 16′ x 9′	
Cinema Screen 28′x 20′ Tension Micro-perf Stellar White 1.0 gain	
Players:	
Oppo BDP 103 Blu-Ray Player	
Cameras & Switchers	
Blackmagic Design ATEM Mini Pro ISO HDMI Live Stream Switcher	
Panasonic HC-X2000 UHD 4K 3G-SDI/HDMI Pro Camcorder	3
Manfrotto Befree Live Aluminum Lever-Lock Tripod Kit	3

LINE SET SCHEDULE		
Line Set	Distance to Plaster Line	Description
0	-8′ – 6″	Motorized Pipe DS of Proscenium
FC	0′ – 5″	Fire Curtain
1	1′ – 5″	Valence
2	2′ – 0″	Main Traveler Track (Permanent)
3	2′ – 7″	OPEN (limited high trim)
4	3′ – 2″	Movie Screen (Permanent)
5	4′ – 4″	1st Electric
6	4′ – 11″	OPEN
7	6′ – 1″	Downstage Legs
8	7′ – 3″	2nd Electric
9	7′ – 10″	Audio monitor Crossover (X8 speakers)
10	8′ – 5″	Border
11	9′ – 0″	16′x9′ screen
12	9′ – 7″	Upstage Legs
13	10′ – 2″	OPEN
14	11′ – 4″	3rd Electric
15	12′ – 6″	4th Electric
16	13′ – 6″	OPEN
17	14′ – 8″	Rear Traveler Track (Permanent)
18	15′ – 0″	Cyclorama
Batons are 50′ in length. High Trim = 27′ 6″ All batons operated stage left.		