Theater Specifications and Inventory
TAPS Black Box

Theater Land Line: 203-432-1140

General Info	Notes
Performance Space:	• Black Box theater with adjustable seating and staging. • Overall space: approximately 37'x56' • Fixed grid at 15'-10". • Space includes 4'-6"x35' balcony suitable for performers. (not audience) • Two separate staircases to access balcony • MDF floor not suitable for dance (portable dance floor available).
Booth	• Open booth • Spiral and standard staircase access. • Light board, digital sound mixer, show computer, lighting storage, and various storage cabinets and bins.
Seating	• Flexible seating with various arrangement depending on staging. • 100 total seats available. • ADA accessible. • All seats must be properly linked into rows prior to each performance. • Seating arrangement must be approved by the Yale Fire Code Compliance office before audience occupancy.

House and Work Lights	• Work lights operated from a wall switch to the left of the control booth. House light operated from switch in control booth.
	House lights:
	  • 20 cylindrical canisters in four banks of five.
	Work lights:
	  • Overhead fluorescent lights in four banks spanning the width of the space.
	Run lights:
	  • Available and stored in control booth.

Dressing Rooms	• Two large dressing rooms. • Toilet and sink in one dressing room. • Three Z-frame rolling costume racks.

Lighting Equipment

System Overview

ETC Ion XE 20 2K, 2048 outputs, with 20 onboard faders. 48 theatrical circuits with 4 constant power cards attached to ColorSource Relays. Dual monitors; Viewsonic 22" Touch Screen and HP 24" monitors. Elation eNode 8 Pro DMX splitter (1:8) with ethernet.

Lighting Inventory

Lights	Total	Notes
ETC S4 Pars	9	With full lens set: WFL, MFL, NSP, VNSP
ETC S4 ERS	41	(5)19's, (4)26's, (27)36's, (44)50's, (2)70's
ETC D40 Lustr+ LED Pars	9	Diffusion: Med & Wide Round AND Oval complete sets
ETC "ERS" LED	6	Series 2 LED with Lustr array
Altman LED Spectra Cyc 100	4	
Chroma Q Color Force II LED	5	72" strips. Includes Boarder and Cyc diffusion
Martin Mac Aura	2	Moving LED wash light
ETC High End SolaFrame 750	2	SolaFrame Theater; Professional Moving Light
48" Barrina T5 LED	8	Black Light Fixture
LED Strobe	2	American DJ "Big Shot"
ETC Source Four body	1	Spotlight mount

Accessories	Qty.	Notes
7.5" gel frames	34	
6.25" gel frames	71	
Barn Doors	8	Par sized
Concentric Rings	9	Par sized
Half Hats	6	Par sized
Half Hats	12	ERS sized
Side arms	8	Safer Side Arms/ +(8) standard side arms
Beam Bender	1	For ERS
Image Multiplexers	3	For ERS
Irises	4	For ERS
Donuts	12	For ERS
Pattern Holders	17	(10) size A (7) size B
Boom Bases	6	
Booms	Various	Various lengths. (2) Grid Height
Rosco RevPro Gobo Rotator	1	Dual Programable
Floor Base Plates	4	10" diameter, 6lb, ½" mounting bolt

Cable/Control	Qty.	3'	5'	10'	15'	25'	50'	Notes
Stage Pin			29	39	6	9	8	

Two-fers	14								
Three-fers	5								
FEDs	10								
MEDs	3								
Powercon 25' pass-thru	3								
Powercon 15' pass-thru	11								
Powercon 10' pass-thru	12								
Powercon 5' pass-thru	5								
Powercon couplers	5								
Powercon to stagepin	10@ 5'								
Powercon to Edison	5@ 5'								
DMX cable-1.5'	2								
DMX cable-5'	9								
DMX cable- 10'	11								
DMX cable-15'	9								
DMX cable-25'	8								
DMX cable-30'	1								
DMX cable-50'	2								
DMX cable-100'	1								
DMX terminator	2								
Edison-16G (black)	13								
Edison-14G (black)	5								
Edison- 12G (black)	3								
Edison- 12G (orange)	7								
HDMI cable- 10'	1								
HDMI cable- 15'	4								
HDMI cable- 25'	4								
HDMI cable- 50'	3								
Cat5/6 cable- <20'	6								
Cat5/6 cable- 50'	2								
Cat5/6 cable-100'	1								
Tritap	3								
Powerstrips (various lengths)	15								

Sound Equipment

System Overview

Yamaha 01V 96i digital mixing console. **Show Computer**: Mac Pro (2014) 6-core Intel Xeon E5 processor, 32G memory, Mac OS Mojave 10.14.6.   Software: QLab 4.4.5, Isadora, Adobe Creative Cloud, Final Cut Pro. Computer has a Dell Flat Panel monitor.

Sound Inventory

Microphones and Mic Stands	Qty.	Notes
Shure SM58	1	Cardioid dynamic
Sennheiser XS Wireless 1	4	Wireless transmitter/receiver (3 handheld mics, 1 headset mic)
Sennheiser XSW 2-ME2-A	8	Wireless bodypack transmitter/receiver
Countryman B3	8	Lavalier mic element, various colors.
Rode	3	Video Mic
Alvox	1	UHF Wireless Mic
DR Pro	2	Boom Mic Stands
On Stage	1	Mini Mic Stand
Pro Line	2	Straight Mic Stand
K & M	1	Boom Mic Stand
Tama Stage Master	2	Boom Mic Stand
Musician's Gear	1	Boom Mic Stand

Sound System	Qty.	Notes
Yamaha 01V 96i	1	Digital Mixing Console
QSC CX 902 Amp	1	In Rack
QSC CX 1102 Amp	2	In Rack
QSC GX5 Amp	1	In Rack
Furman PL-Plus Power Cond.	1	In Rack. Included light module
Behringer CX 2310	1	In Rack. Super X-Pro Crossover + sub outlet
M Audio Profire 610	1	Audio interface
Yamaha MG 06	1	Portable mixing console
Seismic 100' SAEM 16x4	1	Audio Snake
Live Wire Solutions	2	Direct Box
Behringer	1	Direct Box
Pro Audio Solutions	2	Direct Box

Speakers	Qty.	Notes
QSC K12	5	12" active loudspeaker

QSC KW 181	2	18" active subwoofer (1 new/ 1 old)
Apogee SSM	6	13" x 5.5" single amp. Two-way
Avantone	2	Active Mix Cubes
JBL Sub	1	15" passive subwoofer

Sound Cable/Adapters	Qty.	Notes
3.5mm TRS-RCA	1	10'
5' 3-pin XLR	7	XLR to XLR
10' 3-pin XLR	7	XLR to XLR
15'-100' 3-pin XLR	21	XLR to XLR
Short lengths	12	XLR to ¼"
Short lengths	3	¼" to ¼"
25'-100'	8	¼" to ¼"
Speakon to Speakon	2	25'
Speakon to Speakon	1	50'

Camera Equipment

System Overview

The TAPS Black Box has a variety of cameras and monitors that can be used for numerous situations including backstage monitors, audience monitors, and music director monitors, live feed, as well as use on stage for theatrical purposes.

Cameras and Accessories	Qty.	Notes
Panasonic	1	WV-CP634 Analog Camera
Dericam S1-N HD 960P	1	WiFi security camera
PTZ 960 analog with joystick	1	
Panasonic HC V800	6	HD Video Camera
EE Koto Tripod	6	Video Tripod System
Manfrotto Tripod	1	Camera Tripod
BNC cable-50'	1	For use with PTZ camera
BNC to RCA cable-50'	1	For use with Panasonic camera

Monitors (non LX or sound)	Qty.	Notes
ZNC 15" CCTV,TFT,LCD	1	Connects to PTZ camera
Vizio D32hn-DO	1	32' TV/Monitor with mount
TCL Smart LED TV	3	55" all with mounts

Projection Equipment

System Overview

The TAPS Black Box is a flexible space that can incorporate projections in a variety of configurations.   Projectors have mounts installed and there is a variety of hanging hardware available for mounting projectors from the grid or other designated locations.

Projectors/Lens	Qty.	Notes
Panasonic	3	PT-EZ770ZU Projector with standard 1.70:1 lens
Panasonic	3	ET-ELW20 short zoom lens 1.3-1.7-1
Panasonic	3	ETYFB100G Digital interface
Panasonic	1	ET-LAE300 Replacement lamp
Epson EMP-835	1	Projector without mount

Projector Accessories	Qty.	Notes
VGA cable	3	50' length
VGA cable	1	25' length
VGA cable	2	10' length
DVI	2	5' length
Apple	4	VGA to mini display port
Elgato	1	Video capture
X-Box	1	Kinect

Seating

Seating Overview

The TAPS Black Box is a flexible space that can incorporate countless seating configurations that include proper aisle width and two exits. The Black Box has 3 exits available. The seating parts below assemble to create various seating banks as well as additional seating on the floor.

Seating Parts	Qty.	Notes
3'x8' platforms	18	Black or Blue side (fits on frames)
3'x6' platforms	12	Black or Blue side (only as bridges)
Z-Frames 24"-32"	6	
Z-Frames 16"	6	
M-Frames 32"-48"	8	
Stair Units	6	Single tread

Stair Units	2	Double tread with hand railing
Railing- 3' side railing	12	
Railing- 8' back railing	7	
Railing- 6' back railing	2	
Railing- 8' front railing	3	
Railing- 6' front railing	1	
Railing- 4' front railing	4	
Railing- 2' front railing	4	

Seating Accessories	Qty.	Notes
Chairs	100	Padded and interlocking
Aisle Lighting	25	Battery powered LED's (flexible placement)
House Lighting	20	Overhead. 4 banks of 5

Soft Goods

Soft goods are stored in a cabinet inside of the storage room just outside of the main door to the theater. Soft goods are available for grid height, balcony height, and under balcony height.

Soft goods Inventory	Quantity	Notes
Leg- 16'-0" H x 10'-0" W	4	IFR Black Velour-no fullness
Border- 3'-0" H x 32'-0" W	2	IFR Black Velour-no fullness
Cyclorama	1	IFR White synthetic muslin
Scrim	1	FR Black sharkstooth scrim
Upper Balcony 10'-6" H x 10'-0" W	4	IFR Black Velour-no fullness
Under Balcony 9'-0" H x 15'-0" W	4	IFR Black Velour-no fullness
Black Commando cloth and Duvetyne	Various	Several large pieces

Other Equipment

PPE	Qty.	Notes
Hard Hats	25	Worn during work calls. (10 extra available)

Tables	Qty.	Notes
Plastic folding rectangular table	1	6'
Plastic folding rectangular table	4	4'
Plastic folding square table	1	3' x3'

Intercom	Qty.	Notes
HME DX 100 Wireless system	1	5 headsets with AC 40 battery charger

Other Lighting	Qty.	Notes
Neon Flex	Various	Includes power source and controllers
LED Tape	Various	Includes power source and controllers
Newer LED Ring Light	5	16" Color changing ring light
Newer LED Ring Light	3	10" Color changing ring light

Music equipment	Qty.	Notes
Electronic Keyboard	1	CASIO Privia PX 850-stored in dressing room
Acoustic Piano	1	Yamaha-Stored in dressing room
Pre Sonus Studio 24c	1	24-bit 192 kHz 2x2 USB-C compatible audio interface

Other equipment	Qty.	Notes
Mac Mini	1	Mini computer
Netgear	1	8 port Gigabit Ethernet- Unmanaged Switch
ATEM Mini	2	Live Video Production Switcher