Technical Data & Information

Milton and Tamar Maltz Performing Arts Center
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# Table of Contents

GENERAL INFORMATION 2
LIVESTREAMING 3
LIGHTING EQUIPMENT 4
VIDEO PRODUCTION 5
AUDIO RECORDING 6
SOUND REINFORCEMENT 7
MICROPHONES 8
FURNISHINGS 10
ACOUSTICAL SHELL 13
SILVER HALL 14
KOCH RECITAL HALL 19
THE KALBERER ROOM 20
KESELMAN GREEN ROOM 21
DRAWINGS 22
GRAND LECTERN 33
CANOPY MIC LOCATIONS 34
CAMERA LOCATIONS 35
MPAC AREA MAP 36
General Information

HANDICAPPED ACCESS
Available via the West (side) lobby entrance. Stage access is available via the stage right wheelchair lift.
Wheelchairs and numerous disability-seating locations are available within the facility.
Assisted listening devices are available with both headset and neckloop receivers.

PARKING
Parking is available in Lot 82, which is adjacent to the west side of the building.
Additional parking is generally available in Lot 81, which is adjacent to the north side of the building.
At scheduled times, shuttles run from the Tinkham Veale University Center on campus to the West entrance.

SECURITY
Location: West Lobby Entrance
Coverage: 24 hours
Livestreaming

Ensembles can reach their audiences via livestream and Zoom integration

Silver Hall can easily accommodate those performing artists who wish to stay engaged with their audiences. Our facility features the latest livestreaming technology including large video monitors, robotic cameras, a diverse set of microphones and the most current livestreaming software available.

<table>
<thead>
<tr>
<th>Component</th>
<th>Qty</th>
<th>Description</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large screen monitors</td>
<td>2</td>
<td>55” stand mounted</td>
<td>Plura</td>
</tr>
<tr>
<td>Confidence monitors</td>
<td>2</td>
<td>40” stand mounted</td>
<td>Plura</td>
</tr>
<tr>
<td>Robotic PTZ cameras</td>
<td>6</td>
<td>Full HD with 30x zoom</td>
<td>Telemetrics</td>
</tr>
<tr>
<td>Video recording deck</td>
<td>2</td>
<td>AJA Ki Pro Rack</td>
<td>AJA</td>
</tr>
<tr>
<td>Video switcher</td>
<td>1</td>
<td>Grass Valley Director</td>
<td>Belden</td>
</tr>
<tr>
<td>Digital mixing console</td>
<td>1</td>
<td>Yamaha CL3 via Dante</td>
<td>Yamaha</td>
</tr>
<tr>
<td>vMix</td>
<td>1</td>
<td>Video streaming software</td>
<td>StudioCoast PTY</td>
</tr>
<tr>
<td>WireCast</td>
<td>1</td>
<td>Video streaming software</td>
<td>Telestream</td>
</tr>
<tr>
<td>Multistreaming service</td>
<td>1</td>
<td>Cloud-based multi stream</td>
<td>Restream</td>
</tr>
</tbody>
</table>
Lighting instruments hang from the beautiful glass and steel canopy in Silver Hall

A full complement of fixed ETC Selador lighting fixtures blanket the Silver Hall stage with even, warm coverage along with side and front lighting provided by Source Four fixtures. Control is centralized via a Strand Neo lighting board featuring a flat touch screen panel and iPad remote.

<table>
<thead>
<tr>
<th>Component</th>
<th>Qty</th>
<th>Description</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat screen monitor</td>
<td>1</td>
<td>Touchscreen display</td>
<td>Planar</td>
</tr>
<tr>
<td>Control board</td>
<td>1</td>
<td>Neo Lighting Console</td>
<td>Strand Lighting</td>
</tr>
<tr>
<td>Touch control panel</td>
<td>2</td>
<td>Visionet Control System</td>
<td>Strand Lighting</td>
</tr>
<tr>
<td>Lighting dimmers</td>
<td>12</td>
<td>2.4k Hi-Rise C21 module</td>
<td>Strand Lighting</td>
</tr>
<tr>
<td>Moving canopy fixtures</td>
<td>12</td>
<td>Selador Desire D40 LED</td>
<td>ETC</td>
</tr>
<tr>
<td>Static canopy fixtures</td>
<td>88</td>
<td>Selador Desire D40 LED</td>
<td>ETC</td>
</tr>
<tr>
<td>Theatrical instruments</td>
<td>24</td>
<td>10° Source Four, Series 2</td>
<td>ETC</td>
</tr>
<tr>
<td>Theatrical instruments</td>
<td>24</td>
<td>14° Source Four, Series 2</td>
<td>ETC</td>
</tr>
</tbody>
</table>

*MPAC retains a strict concert/lecture plot. Any refocusing of the Source Four fixtures will incur additional charges. Static units mounted on the Acoustic Canopy are fixed and cannot be refocused.
The Maltz Performing Arts Center is equipped with the latest in camera and recording technology. Our facility allows clients to choose exactly how they wish to capture their event. We offer an entire range of possibilities; from a simple, single camera archival recording to a fully produced, multi-camera, dynamic HD video recording with the addition of livestreaming, lower third graphics, special effects and post-production editing. Our system highlights include the following:

- Six Telemetrics PTZ HD RoboEye cameras capture events from multiple angles
- Integrated Grass Valley Director video switcher allows for seamless transitions
- Excellent results from our AJA Ki Pro Rack audio/video recording units
- Distinct video presentations via our Crestron systems and laser projectors
- Multiple sources effortlessly alternate via our Analog Way Seamless Switcher
- High quality, portable Plura brand monitors are used throughout the facility
Our facility features a dedicated sound booth, equipped with everything a recording engineer needs in order to create the highest quality, multi-track audio recordings. Microphone placement is effortless and wide-ranging using the extensive collection of microphone stands and overhead Servoreeler lines. Likewise, signals coming from the stage are easily patched and routed using the Dante Controller software program. Our equipment highlights include the following features:

- Record up to 32 channels using ProTools software on our Apple MacBook Pro
- Millennia microphone preamps provide superior incoming signal quality
- Integrated Dante controller allows for flexible input and output patching
- Rednet 5 and AVID I/O units send incoming signals to our ProTools software
- Dante Virtual Soundcard and iMAC setup provide an excellent backup element
- Retractable overhead mic and filament lines allow for flexible mic positioning
- ATC nearfield speakers provide recording engineers with accurate monitoring
Sound Reinforcement

The Maltz Performing Arts Center meets the challenge of sound reinforcement in a seven-sided hall with the very best equipment and technology. Typical event needs are met by the use of our in-house RANE audio system along with the installed D & B speaker system. Likewise, larger events that require additional power may call upon our Yamaha CL3 digital mixing console as well as our Martin Sound MLA line array units. Here are some of our reinforcement highlights:

- Front of House mixing is accomplished using our Yamaha CL3 digital console
- Integrated Dante System and Yamaha RIO boxes for flexible patching of inputs
- D & B Voice Lift sound system and amplifiers provide excellent sound quality
- Choice of handheld, lavalier or earset-style Shure wireless microphones
- Martin Audio ground-stacked MLA line array units for live bands or big events
- Electro-Voice EV-EKX-12P and EV-EKX-15P loudspeakers for stage monitoring
- Williams Sound Assisted Listening System for our hearing-impaired patrons
With an extensive and ever-expanding microphone collection, the Maltz Performing Arts Center can provide our customers with the flexibility to create the best audio possible. Whether it’s a high-profile speaker at the podium, a piano soloist encompassed by a symphony orchestra or a group of dynamic vocalists, the correct microphone is within easy reach. Choosing reinforcement or recording is easy; our microphones can cover any application. Common uses include:

- Schoeps Colette Series microphones provided unparalleled recording quality
- Shure Beta 87 Series wireless vocal microphones allow for freedom of movement
- Sennheiser Evolution Series microphones combine high quality and flexibility
- Audio-Technica gooseneck microphones capture the spoken voice at the podium
- Earthworks Flexwand microphones define ease-of-use for groups of voices
- Full line of Shure vocal and instrument microphones for amplified ensembles
## Microphones

<table>
<thead>
<tr>
<th>Brand</th>
<th>Qty</th>
<th>Model</th>
<th>Description</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>AKG</td>
<td>2</td>
<td>C414XLS</td>
<td>Multi pattern – condenser</td>
<td>Acoustic instruments</td>
</tr>
<tr>
<td>Audio Tech.</td>
<td>4</td>
<td>AT4021</td>
<td>Cardioid – condenser</td>
<td>Acoustic guitars and drums</td>
</tr>
<tr>
<td>Audio Tech.</td>
<td>2</td>
<td>Pro 35</td>
<td>Cardioid – condenser</td>
<td>Clip-on for sax and brass</td>
</tr>
<tr>
<td>Audix</td>
<td>2</td>
<td>MB5050</td>
<td>Cardioid – condenser</td>
<td>Vocal groups and choirs</td>
</tr>
<tr>
<td>Earthworks</td>
<td>1</td>
<td>PM40</td>
<td>Omnidirectional – condenser</td>
<td>Piano amplification</td>
</tr>
<tr>
<td>Earthworks</td>
<td>6</td>
<td>FW730</td>
<td>Cardioid – condenser</td>
<td>Vocal groups and choirs</td>
</tr>
<tr>
<td>Schoeps</td>
<td>2</td>
<td>CCM2</td>
<td>Omnidirectional – condenser</td>
<td>Close miking of source</td>
</tr>
<tr>
<td>Schoeps</td>
<td>2</td>
<td>CCM41</td>
<td>Super cardioid – condenser</td>
<td>Orchestra spot miking</td>
</tr>
<tr>
<td>Schoeps</td>
<td>6</td>
<td>MK2</td>
<td>Omnidirectional – condenser</td>
<td>Main pair overhead</td>
</tr>
<tr>
<td>Schoeps</td>
<td>2</td>
<td>MK21</td>
<td>Wide cardioid – condenser</td>
<td>Main pair overhead</td>
</tr>
<tr>
<td>Schoeps</td>
<td>2</td>
<td>MK22</td>
<td>Open cardioid – condenser</td>
<td>Regional overhead</td>
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<tr>
<td>Schoeps</td>
<td>4</td>
<td>MK4</td>
<td>Cardioid – condenser</td>
<td>Regional overhead</td>
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<tr>
<td>Schoeps</td>
<td>2</td>
<td>MK5</td>
<td>Dual pattern – condenser</td>
<td>Main/Regional overhead</td>
</tr>
<tr>
<td>Sennheiser</td>
<td>2</td>
<td>E906</td>
<td>Super cardioid – dynamic</td>
<td>Instrument amplifiers</td>
</tr>
<tr>
<td>Sennheiser</td>
<td>4</td>
<td>E945</td>
<td>Super cardioid – dynamic</td>
<td>Vocals and speech</td>
</tr>
<tr>
<td>Sennheiser</td>
<td>2</td>
<td>MD441-U</td>
<td>Super cardioid – dynamic</td>
<td>Numerous applications</td>
</tr>
<tr>
<td>Shure</td>
<td>4</td>
<td>Beta 52A</td>
<td>Super cardioid – dynamic</td>
<td>Kick drum and bass guitar</td>
</tr>
<tr>
<td>Shure</td>
<td>8</td>
<td>Beta 87A</td>
<td>Super cardioid – condenser</td>
<td>Wireless vocals and speech</td>
</tr>
<tr>
<td>Shure</td>
<td>2</td>
<td>Beta 91A</td>
<td>Half cardioid – condenser</td>
<td>Kick drum and piano</td>
</tr>
<tr>
<td>Shure</td>
<td>4</td>
<td>Beta 98AMP</td>
<td>Cardioid mini – condenser</td>
<td>Snares and toms</td>
</tr>
<tr>
<td>Shure</td>
<td>4</td>
<td>SM57</td>
<td>Cardioid – dynamic</td>
<td>General instrument</td>
</tr>
<tr>
<td>Shure</td>
<td>4</td>
<td>SM58</td>
<td>Cardioid – dynamic</td>
<td>General vocal</td>
</tr>
<tr>
<td>Shure</td>
<td>4</td>
<td>SM81</td>
<td>Cardioid – condenser</td>
<td>Overhead drum kit</td>
</tr>
<tr>
<td>Shure</td>
<td>8</td>
<td>MX150</td>
<td>Cardioid – condenser</td>
<td>Wireless lavalier for speech</td>
</tr>
<tr>
<td>Shure</td>
<td>4</td>
<td>MX153</td>
<td>Omnidirectional – condenser</td>
<td>Wireless earset for speech</td>
</tr>
</tbody>
</table>
Furnishings

*Clients can enjoy a meal onstage in Silver Hall during meetings or conferences*

### Tables & Chairs

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor’s chairs</td>
<td>2</td>
<td>Steel frame, #157F091</td>
<td>Wenger</td>
</tr>
<tr>
<td>Director’s chair</td>
<td>1</td>
<td>Aluminum, #5102</td>
<td>Cantoni</td>
</tr>
<tr>
<td>Folding chairs</td>
<td>24</td>
<td>Novite, black plastic</td>
<td>KI Furniture</td>
</tr>
<tr>
<td>Metal frame chairs</td>
<td>68</td>
<td>Red fabric, #N27F53</td>
<td>Izzy</td>
</tr>
<tr>
<td>Musician’s chairs</td>
<td>135</td>
<td>Black fabric, steel frame</td>
<td>Wenger</td>
</tr>
<tr>
<td>Task chairs</td>
<td>4</td>
<td>Black fabric, adjustable</td>
<td>KI Furniture</td>
</tr>
<tr>
<td>Wood chairs</td>
<td>94</td>
<td>Custom, green fabric</td>
<td>Thos Moser</td>
</tr>
<tr>
<td>Wood chairs</td>
<td>260</td>
<td>Custom, red fabric</td>
<td>Thos Moser</td>
</tr>
<tr>
<td>Rectangular tables – 6’</td>
<td>6</td>
<td>Aluminum, brown</td>
<td>Southern Aluminum</td>
</tr>
<tr>
<td>Rectangular tables – 8’</td>
<td>12</td>
<td>Aluminum, brown</td>
<td>Southern Aluminum</td>
</tr>
<tr>
<td>Round tables – 5’</td>
<td>6</td>
<td>Aluminum, brown</td>
<td>Southern Aluminum</td>
</tr>
</tbody>
</table>
Technical Data & Information
Milton and Tamar Maltz Performing Arts Center

Steinway & Sons Concert D grand piano shown onstage in Silver Hall

Ensemble Furnishings

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artist grand piano</td>
<td>1</td>
<td>Model D - 9’ Hamburg</td>
<td>Steinway &amp; Sons</td>
</tr>
<tr>
<td>Acoustical shell units</td>
<td>13</td>
<td>Wood, custom</td>
<td>Tartan Group</td>
</tr>
<tr>
<td>Artist benches</td>
<td>2</td>
<td>Spade leg, black</td>
<td>Jansen &amp; Sons</td>
</tr>
<tr>
<td>Baby grand piano</td>
<td>1</td>
<td>Model M – 6’</td>
<td>Steinway &amp; Sons</td>
</tr>
<tr>
<td>Cello chairs</td>
<td>15</td>
<td>Black, #943151</td>
<td>Wenger</td>
</tr>
<tr>
<td>Cello riser</td>
<td>1</td>
<td>Wood, #R1511082</td>
<td>Kolberg</td>
</tr>
<tr>
<td>Choir risers</td>
<td>12</td>
<td>Tourmaster, 3 or 4-step</td>
<td>Wenger</td>
</tr>
<tr>
<td>Conductor’s podium</td>
<td>1</td>
<td>Custom design – 12” h</td>
<td>Reserve Millwork</td>
</tr>
<tr>
<td>Conductor’s stands</td>
<td>3</td>
<td>Acrylic, clear</td>
<td>Wenger</td>
</tr>
<tr>
<td>Conductor’s stand</td>
<td>1</td>
<td>Metal, black</td>
<td>Wenger</td>
</tr>
<tr>
<td>Ensemble stools</td>
<td>12</td>
<td>Black fabric, steel frame</td>
<td>Wenger</td>
</tr>
<tr>
<td>Music stands</td>
<td>160</td>
<td>Classic 50, black plastic</td>
<td>Wenger</td>
</tr>
<tr>
<td>Sound shields</td>
<td>6</td>
<td>Acrylic, portable</td>
<td>Wenger</td>
</tr>
</tbody>
</table>
Technical Data & Information
Milton and Tamar Maltz Performing Arts Center

![Multi-height Stagetek platforms with Wenger musician's chairs shown onstage in Silver Hall](image)

**General Furnishings**

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-length mirrors</td>
<td>8</td>
<td>Brown finish, #900452</td>
<td>Coaster Company</td>
</tr>
<tr>
<td>Grand lectern</td>
<td>1</td>
<td>Custom, wood - 32” width</td>
<td>Thos Moser</td>
</tr>
<tr>
<td>Medium lectern</td>
<td>2</td>
<td>Custom, wood - 24” width</td>
<td>Thos Moser</td>
</tr>
<tr>
<td>Stagetek platforms - small</td>
<td>4</td>
<td>Black finish - 4’d x 4’w</td>
<td>Wenger</td>
</tr>
<tr>
<td>Stagetek platforms - large</td>
<td>10</td>
<td>Black finish - 4’d x 8’w</td>
<td>Wenger</td>
</tr>
<tr>
<td>Stagetek legs – 6”</td>
<td>48</td>
<td>Black finish</td>
<td>Wenger</td>
</tr>
<tr>
<td>Stagetek legs – 12”</td>
<td>24</td>
<td>Black finish</td>
<td>Wenger</td>
</tr>
<tr>
<td>Stagetek legs – 18”</td>
<td>24</td>
<td>Black finish</td>
<td>Wenger</td>
</tr>
<tr>
<td>Stagetek legs – 24”</td>
<td>24</td>
<td>Black finish</td>
<td>Wenger</td>
</tr>
<tr>
<td>Stanchions &amp; Rope</td>
<td>16</td>
<td>Bronze, #310/841MN</td>
<td>Crowd Control</td>
</tr>
<tr>
<td>Step platforms</td>
<td>2</td>
<td>Gray carpeted – 3’ x 3’</td>
<td>Wenger</td>
</tr>
<tr>
<td>Wardrobe racks</td>
<td>2</td>
<td>Metal frame, chrome</td>
<td>Whitmor</td>
</tr>
</tbody>
</table>
Acoustical Shell

The 13-piece acoustical shell helps performers onstage hear each other and clarifies sound for the audience.
Technical Data & Information
Milton and Tamar Maltz Performing Arts Center

Silver Hall
Technical Specifications

Nominal dimensions: 86’ W x 98’ D x 86’ H
Standard usage: Concerts, Lectures, Ceremonies, Presentations
Seating capacity: (all totals include 492 balcony seats)

Concert stage configuration: 980
Ensemble stage configuration: 1069
Lecture stage configuration: 1192

Amplification
Ashley NE/NXP Series
   Series 8250 – 3
   Series 4004 – 2
   Series 8004 – 1
D & B power amplifier
   Model 10D - 2
Joe Meek 2-channel mic preamp
   Twin Q2 - 1
Millennia 8-channel mic preamps
   HV-3R Series – 6
Yamaha digital stage boxes
   RIO 3224-D – 2

Assisted Listening System
Williams Sound System – T45
   FM receivers model #PPAR38N – 42
   Folding headphones model #HED021 – 42
   Neckloops model #NKL001 – 12

Audio Control Room
Nearfield monitors – ATC SCM20ASL – 2
Studio monitor stands – Ultimate MS9036B – 2
Open-back headphones – Sennheiser HD800 – 1
Over-ear headphones – Sony MDR-7506 - 1
Studio monitor controller – DACS Headmaster – 1
Voltage regulator – Furman P-1800-AR – 1
### Audio Recording Consoles

ProTools System
- Primary computer - Apple MacBook Pro
- Backup computer - Apple iMAC Desktop
- ProTools interface - Avid HD Native
- Analog audio interface - Avid HD I/O
- Primary Dante networking software - Focusrite RedNet 5 (32 channels)
- Backup Dante networking software - Dante Virtual Soundcard (32 channels)
- Backup recorder - Denon DN-700R SD/USB Recorder
- Licensing – Pace iLOK

### Audio Mixing Consoles

Yamaha CL3 Digital Mixing Console
- 64 input channels
- 24 output channels
- Dante/iPAD compatible

Rane HAL Audio Distribution System
- DR6 touchscreen control
- 12 input channels
- Mute, EQ, Volume functions

### Overhead Microphone Positioning System

Servoreeler SRC-12 microphone retraction system
- System is Crestron/iPAD compatible
- Microphone canopy positioning lines – 12
- Filament canopy positioning lines – 12

### Sound Reinforcement Speakers

D & B Voice Lift System
- L & R XC Series speaker columns - 4
- L & R B4-SUB subwoofers – 2

Martin Sound Line Array System – MLA Series
- L & R Floor-standing line arrays – 4
- L & R Subwoofers – 4

Electro-Voice stage monitor loudspeakers
- EKX-12P powered 12” floor monitors – 6
- EKX-15P powered 15” floor monitors – 2

Fulcrum Acoustic stage monitor loudspeakers
- FX896 acoustic 8” floor monitors – 4
- FA28AC powered 8” floor monitors - 2
Technical Data & Information
Milton and Tamar Maltz Performing Arts Center

**Stands** - Konig & Meyer
- Short telescoping mic stand #23320 – 2
- Short mic stand with boom #25960 – 6
- Stackable mic stand #26075 – 4
- Tall tripod boom mic stand #21021 – 2
- Tripod boom mic stand short reach #25200 – 6
- Tripod boom mic stand long reach #25600 – 6

**Standard Accessories**
- Direct boxes – Whirlwind DIR – 4
- Dual direct boxes – Radial PROD2 - 2
- Dual direct boxes – Whirlwind DIRECT2 - 2
- Laptop dual direct box – Samson MCD2 - 1
- Headphones – Sony MDR-7506 - 2
- Microphone splitters – Rapcohorizon MS1 – 2
- Shock mounts – Audio Technica AT8410A – 10
- Speaker stands – Ultimate Support JS-TS50 - 2

**Wireless System**
- Shure wireless quad receiver units – ULX4Q - 2
- Shure Beta 87A wireless handheld microphones – 8
- Shure ULX1G50 belt pack transmitters – 4
- Shure MX150BCTQG lavalier microphones – 4
- Shure MX153TOTQG headset-style microphones - 4

*Either belt pack (with lavalier or headset-style microphones) or handheld microphones can be used with receivers. Presenters and performers can mix and match, with up to 8 channels per event.*

**Communications**
- Clear-Com main stations – Helixnet HMS-4X - 2
- Clear-Com belt packs - Helixnet HBP-2X – 14
- Cue light system - Leon Audio QLM16 – 12

**Infrastructure**
- SDI/BNC, Triax and XLR connections throughout the hall
- Cat 6 ethernet connections run through the entire facility
- Company Switch – Union Connector model CS-1-123
- Cam-Lok or bare wire connections available, 3-phase, 400 amp
- 120 volt power available throughout/208 volt power onstage
Technical Data & Information
Milton and Tamar Maltz Performing Arts Center

Video Monitoring
All monitors are the PLURA brand
Dual monitor 7” LCM-207-3G – 1
Small 19” LCM-119-3G – 3
Medium 23” LCM-123-3G – 2
Multiview 24” vectorscope MVM-124 – 1
Confidence monitors 40” DBM-140 – 2
Large screen monitors 55” DBM-155 - 2

Video Projection
HIGHlite laser 11k projector - Digital Projection - WUXGA 3D/11,000 lumens
Retractable screen – Draper Inc. - 17’6” w x 9’10” h (240” diagonal)/16:9 aspect ratio

Video Recording
Recording decks - AJA Ki Pro Rack – 2
Recording disk drives - AJA Ki-Stor – 8
Recording docks – AJA Ki-Stor Dock – 2
Robotic cameras - 30X zoom, Telemetrics PT-RE-1 PTZ – 6
Robotic camera controller - Telemetrics RCCP-1-STS – 1
House static camera – Panasonic AW-HE40 – 1
Server unit - Grass Valley Nonlinear Production Center – 1
Video switcher unit - Grass Valley GV Director – 1
Mixing console for audio – Yamaha MGP16X - 1

Video Processing
Control Processor – Crestron PRO-3
Digital Graphics Engine – Crestron DGE-2
House Reference – Mutec iClockDP
Seamless Switcher – Analog Way QMX150
Touchscreen controller – Crestron TS Series
Video Router – Snell Vega Series

Video Accessories
Blu-ray player – Oppo BDP105D Darbee Edition - 1
Signal scalers – Decimator MD-HX - 2
Furman line conditioner PL-PLUS DMC – 1
Audio delay unit – Rane AD22S - 1
Portable light stand set – Manfrotto 368B - 4
Signal converters HDMI to SDI – AJA HA5 – 2
Signal converters SDI to HDMI – AJA H15-Plus -2
Technical Data & Information
Milton and Tamar Maltz Performing Arts Center

Bud and Katie Koch Recital Hall
Technical Specifications

Nominal dimensions: 23’ W x 48’ D x 16’ H
Standard usage: Recitals, Lectures, Conferences, Receptions
Room capacity: 90

Amplification
Lab Gruppen Power Amps – E Series 12:2, 8:2
Millennia Mic Preamp - HV-3R Series
Black Lion - PM8 MKII Mixer

Assisted Listening System
Williams Sound System - PPAVP with FM receivers

Audio Recording
Denon DN-700R - SD/USB Recorder
Schoeps Colette MK2H/CMC6 overhead microphones - 2
*All signals may be patched to the Silver Hall Audio Control Room*

Video Recording
Panasonic AW-HE40 PTZ HD camera with IP control - 1
Crestron Capture HD Pro USB Recording deck – 1
*All signals may be patched to the Silver Hall Video Control Room*

Video Projection
Christie DWU555-GS laser video projectors – house left and right
Draper retractable screens – 8’8” w x 4’10” h (119” diagonal)/16:9 aspect ratio

Video Presentations
HDMI/VGA access via stage right floor pocket
Crestron DGE-2/PRO3 Control Processors
Oppo BDP105D Darbee Edition Blu-ray player

Wireless System
Shure wireless receiver unit – ULXD4D
Shure Beta 87A wireless handheld microphones – 2
Shure ULXD1G50 transmitters with lavalier or headset microphones– 2
Technical Data & Information
Milton and Tamar Maltz Performing Arts Center

Walter and Jean Kalberer Room
Technical Specifications

Nominal dimensions: 23’ W x 23’ D x 15’ H
Standard usage: Meetings, Lectures, Receptions, Control Room for A/V
Room capacity: 49

Amplification
Lab Gruppen Power Amp - E Series 4:2

Audio Recording
Denon DN-700R - SD/USB Recorder

Video Projection
Christie laser video projector - Model DWU555-GS – 5,400 lumens
Retractable screen – 9’8” w x 5’5” h (133” diagonal)/16:9 aspect ratio – Draper Inc.

Video Presentations
HMDI/VGA access via rack port
Control Processors – Crestron DGE-2/PRO3
Blu-ray player – Oppo BDP105D Darbee Edition

Wireless System
Shure wireless receiver unit – ULXD4D
Shure Beta 87A wireless handheld microphones – 2
Shure ULXД1G50 transmitters with lavalier or headset microphones – 2

Control Room Connections
The Kalberer Room can be used as a fully-functional A/V Control Room for Silver Hall
HD/SDI video connections via Coax/BNC – 16
Analog audio channels – 64
Ethernet ports – 8
Gerry and Jane Kesselman Green Room
Technical Specifications

Nominal dimensions: 11’6” W x 20’6” D x 8’ H
Standard usage: Guest hospitality, Dressing room, Lounge
Room capacity: 8

Amenities

Upright piano, private restroom, refrigerator, microwave oven, ironing board with steam iron, garment steamer, overhead audio monitor, wall-mounted video monitor, closet with rod and hangers

Furniture

Leather sofa, leather chair, coffee table, full-length mirror, countertop, storage drawers
Concert stage mode with dimensions

Dimensions:
- 5'7" width
- 33'11" length
- 12'0" depth
- 3'0" height
- 30'9" height (left)
- 41'10" height (right)
- 9'4" side length
- 69'1" overall width

Milton and Tamar Maltz Performing Arts Center at The Temple-Tifereth Israel
Case Western Reserve University
Concert stage mode without dimensions
Ensemble stage mode with dimensions

- 5'7" (height)
- 33'11" (width)
- 12'0" (depth)
- 3'0" (side wall)
- 21'5" (side extensions)
- 32'6" (depth of stage)
- 57'3" (total length)

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MILTON AND TAMAR MALTZ Performing Arts Center at The Temple-Tifereth Israel
CASE WESTERN RESERVE UNIVERSITY
Ensemble stage mode without dimensions
Lecture stage mode with dimensions
Lecture stage mode without dimensions
KOCH RECITAL HALL
Stage extension and seating removed
The Kalberer Room

Windows

Screen

Doors

Storage

23'

23'
Grand Lectern
Canopy microphone drop and filament line locations
Event parking for the Maltz Performing Arts Center:
Guests should access Lot 82 and Lot 81 from E. 101st Street. Cash and credit cards are accepted.

Non-event parking:
Guests should access Lot 82 from Ansel Road and E. 101st Street.

סיון: ניו יורק