



The
Morton H. Meyerson
Symphony Center

2006-2007 SEASON
MORTON H. MEYERSON
SYMPHONY CENTER
TECHNICAL PACKET

LOCATION: The Dallas Arts District

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www.meyersonsymphonycenter.com

ARCHITECT: I.M. Pei and Partners, New York City

THEATRE AND ACOUSTICAL CONSULTANTS: Artec Consultants, New York City

Technical Information

Morton H. Meyerson Symphony Center
2301 Flora Street, Suite 100
Dallas, TX 75201
214-670-3600 Fax: 214-670-4334
(revised 2/24/07)

The following information is provided as a general reference guide for planning an event at the Morton H. Meyerson Symphony Center (MSC). Technical details covered in this packet may not apply to your particular event. More information is available in the rental information and rates packet.

MORTON H. MEYERSON SYMPHONY CENTER

Located in Dallas' growing Arts District, the MSC is an optimal space for concerts, recitals, recordings, meetings, lectures, receptions, weddings, banquets and similar events. Owned and operated by the City of Dallas - Event Facilities/Cultural Affairs, the MSC opened in September of 1989. The MSC was designed by world-renowned architect I.M. Pei. The acoustician was Russell Johnson of Artec Consultants.

The Dallas Symphony Orchestra (DSO), in partnership with the City of Dallas, helped to spearhead the efforts to make the Meyerson Symphony Center a reality. The DSO is the Primary Tenant of the MSC with offices located on the third and fourth floors. The DSO presents over 180 concert events annually.

EUGENE McDERMOTT CONCERT HALL

The centerpiece of the MSC is the Eugene McDermott Concert Hall, an intimate, acoustically superior, performance space with **seating for up to 2,062**. Every detail of the concert hall was designed to achieve the highest acoustical quality, with special elements of the design providing the capability of tailoring the acoustical environment to the performance.

Acoustical features

A system of four acoustical canopies, suspended above the stage, can be raised, lowered and tilted to enhance the sound clarity. The canopy units are 5 inches thick and constructed of laminated wood securely bonded together and attached to a steel frame. The canopies completely cover the stage, Choral Terrace and a portion of the Orchestra Floor (about 4,000 square feet). Selecting a canopy height for each concert is dependent on several factors including the size and location of the performance group, the instrumentation, and the style or character of the music being performed. The main canopy (center front) weighs 42 tons, and is capable of tilting up to 7 degrees, with a high trim of 74 feet and a low trim of 35 feet. The side canopies (left and right) weigh 15 tons each and move together in tandem, and have a high trim of 76 feet and a low trim of 37 feet. The rear canopy, weighing 12 tons, has a high trim of 73 feet and a low trim height of 37 feet.

The reverberation chamber is a 300,000 cubic foot, U-shaped space, which surrounds the upper perimeter of the shoe-box shaped concert hall. The reverberation chamber is lined with 72 hinged, 4-inch-thick concrete acoustical doors that can be adjusted to tailor the reverberation decay. With the doors closed, the reverberance of the hall is reduced; when opened, the reverberation is increased. Acoustical curtains are also available to decrease reverberation within the chamber. The entire system is used to achieve the desired articulation of sound.

Acoustical curtains are available throughout the concert hall. This comprehensive system of 62 motor operated, multi-layered sound absorbing cloth curtains can be extended out of storage pockets to cover most of the wall surfaces of the audience and choral seating areas.

Other acoustical features include 39 **antechambers** to provide sound locks at all entrances to the concert hall, including backstage; and materials chosen specifically for their acoustical enhancement features (African cherry wood walls/mohair fabric on seats/terrazzo floor) are used throughout the concert hall.

Stage

Stage width is 66'-6"; depth is 37'-3". There is no fly or wing space. The stage floor is wooden.

Orchestra risers

Four levels of orchestra risers on stage. The orchestra risers consist of 44 units, which can be removed and stored backstage and in the basement, depending on the building schedule. *Note: To remove risers for a flat stage surface requires a labor call and is dependent upon activities and time available before and after event. Arrangements must be made with the Technical Director, in advance, regarding the removal of orchestra risers.* (see diagram and billing information)

Choral risers

Four levels of choral risers upstage, above the stage platform. Entrance from house Loge/Choral Terrace level. Bench seating for 198 singers or audience. (see diagram)

Herman W. & Amelia H. Lay Family Concert Organ

Located in the concert hall, this is one of the largest mechanical (tracker)-action organs ever built for a symphony hall. Designed by C.B. Fisk, Inc. of Gloucester, MA, the organ completed in September 1992 features 4,535 pipes, ranging in size from 32 feet long down to the size of a pencil. The organ has seven divisions played on four manuals (keyboards) and pedal: La Resonance, Great, Positive, Swell, Pedal, Solo, and Pedal Solo. Each manual keyboard has 61 notes; the pedal keyboard has 32 notes. **Use of the organ is limited to qualified, pre-approved organists only. A performance charge of \$500.00 will be required for its use.** Any use of the organ involved with recording projects is subject to an additional recording rights fee.

Technical control positions (each booth is equipped with an audio monitor to hear the onstage program)

... **Stage manager booths** (4'-10" x 12'-9" each) off Stage L and Stage R, with windows to stage and hall.

... **Lighting booth** (7'-6" x 9'-6") at rear of Orch Ter Hs L, with window to concert hall.

... **Media/Recording booth** (10' x 20' x 7'-5"H) at rear of Orch Ter Ctr, with window to concert hall.

... **Sound mix platform** (approx. 7'-6" x 3'small deck; or 11' x 7' large deck) at rear of Orch floor Hs R.

... **Lighting control platform** (approx. 7'-6" x 3'small deck; or 11' x 7' large deck) at rear of Orch floor Hs.L.

... **Audio recording control room** (15' x 20' x 10'H) on Lower Level near MSC administrative offices.

... **Video control room** (15'-4" x 20'-7" x 9'-10"H) on Lower Level near MSC administrative offices.

Note: Arrangements must be made with Technical Director, in advance, to use the lighting control platform.

Stage load-in openings

... **Backstage right from dock elevator** (bi-fold acoustical doors): 18'W x 11'H.

... Upstage center (bi-fold acoustical door/percussion entry): 14'-4"W x 10'-10"H.

... **Stage right and left to stage** (double acoustical doors): 7'-9"W x 9'-9"H.

... Stage left door to lobby: 2'-9"W x 6'-8"H from backstage to lobby.

... Lobby doors/entry from street: To Flora St. 5'-7"W x 8'H; to Leonard St. 5'6"W x 7'6"H

... Atrium/backstage doors: 6'-1"W x 6'8"H

Ramps are available on all levels. (Steps at atrium entry and stage left door exit to lobby)

Cable pass throughways (8" diameter openings)

... From loading dock to backstage right.

... From stage left or right up to Chor Ter antechambers, side lighting positions, Reverb Chamber and Attic.

... From rear center of Orch Ter up to Loge Box KLM, Dress Circle, Grand Tier and Spot Booth.

... From stage left and right booths to the stage.

Audience seating levels

...Orchestra Floor (raked floor)

...Orchestra Terrace (street level)

...Loge/Choral Terrace (1st balcony)

...Dress Circle/Dress Circle Lofts (2nd balcony)

...Grand Tier (3rd balcony)

PRODUCTION SUPPORT AREAS

Loading dock / Freight elevator / Passenger elevators

The loading dock is located underground, with entry down a service ramp off the Woodall Rodgers access road, which is on the building's north side. Trucks enter the loading dock down the ramp marked "restricted entrance". **Drivers of tractor trailers over 42' in length are advised to back down the ramp, due to limited turning space in the dock entrance area.** On-site security personnel are available to direct drivers as they enter the dock area. The use of the loading dock must be scheduled in advance with the Technical Director.

Ramp entrance clearance: 24'-6"W x 14'-2"H (13'-6"H truck will clear).

The primary receiving area has two bays, (**Dock 1 and Dock 2**) that can accommodate two 48' to 53' tractor-trailers simultaneously. The dock height is 4' with bay ramps which can lower to 3'-5" high. The loading dock is approximately 50' from the freight elevator. A secondary receiving area, **Dock 3**, is sidewalk depth and can accommodate two panel vans. It is suitable for quick deliveries. All loading into the McDermott Concert Hall is done via the freight elevator at the loading dock area. This elevator goes to backstage right.

Freight elevator specifications: 18'x 11'x 9'-5"H (9'-6" clearance inside elevator) with load capacity 10,000 lbs.

If the freight elevator is unavailable, a **passenger elevator in the atrium** (stage left) may be used to transport a piano or stage equipment. Atrium elevator specifications: 9'-10"x 8'2"x 8'2"H inside elevator (Door: 5'-10"W x 6'-11"H) Load capacity: 10,000 lbs. There are **two passenger elevators in the lobby** serving all public seating levels. Passenger elevator specs: 6'-11" x 5'2" x 9'H inside elevator (Door: 3'-8" x 7'-4"H) Load capacity: 3,500 lbs.

Dressing rooms

The backstage area features 10 dressing rooms on the 1st and 2nd floors near backstage left. Some dressing rooms and their contents are permanently used by the Dallas Symphony Orchestra. The Technical Director or the MSC Event Coordinator will assist with scheduling and assigning dressing rooms based on availability

1st floor.... 3 private dressing rooms... Each room has 1 shower, sink & toilet... 2 people each.

2nd floor... 3 private dressing rooms... Each room has 1 shower, sink & toilet... 2 people each.

2nd floor... 2 medium size dressing rooms... Each room has 2 showers, 2 sinks & 2 toilets... 10 people each.

2nd floor... 2 large dressing rooms... Each room has 2 showers, 4 sinks & 6 toilets... 20-30 people each.

The Musician's Lounge (21'x 44') is located off stage right. Food and beverage vending machines are available backstage near the Musician's Lounge or on the Lower Level in the MSC employee break room.

The Green Room is located off stage left and is accessible from both the dressing rooms and lobby. The Green Room may be used as a performer lounge area, an area to receive guests, to conduct interviews, or to host small dinners (20 people) and receptions (30 - 40) people. A wet bar area is provided as well as chairs, tables and sofa.

Audio monitor speakers are available in each control booth as well as the Musician's Lounge, the Green Room and in all dressing rooms and backstage hallways, allowing performers to hear the onstage program. A backstage paging microphone is available in the stage left booth, permitting paging to all backstage support areas except for the immediate backstage area. Volume controls are available in each dressing room area. **Two announce microphones are permanently patched and readily available at stage left for emergency announcements within the concert hall.** Another emergency announce microphone is available inside the Lighting Booth. Emergency announcements may also be heard throughout the lobby recall speaker system during concert events.

Assistive listening devices are offered at no charge for public use within the concert hall and the entertainment suites. The concert hall is outfitted with 10 infrared emitters, 100 headsets and an assortment of neck-loop receivers; while the entertainment suites are equipped with wireless headset assistive listening systems.

Chorus rehearsal room

Located in the first basement area directly below the stage is a chorus rehearsal room that will accommodate up to 200 people. This room may be used as a choral warm-up area prior to performances or as an independent rehearsal space. Use of this space requires advance approval by the Dallas Symphony Orchestra (DSO).

Mitchell Family Foundation Broadcast Control Facility

Located on the first basement level, the *Mitchell Family Broadcast Control Facility* consists of separate control and equipment rooms for both audio and video recording. **Users must provide their own broadcast/recording equipment.** The audio and video rooms contain patch bays, which correspond to audio and video jacks at the Truck Patch Panel and panels throughout the concert hall. There are 26 Triax camera connections available for use at 14 different camera positions, (as well as 1 panel in the West Lobby House Manager panel); 62 Coax video connections; 88 microphone jacks; and 48 additional audio jacks for line level sources. The Truck Patch Panel contains a total of 12 Triax camera jacks, 30 Coax video jacks, 60 microphone jacks and 24 line level jacks.

Media / Recording Booth

The Media/Recording booth, on the Orchestra Terrace level, is available for media photographers during concerts. Photographers are not allowed to film inside the concert hall during events, unless the event producer and the MSC have granted approval. Flash photography is never permitted during performances. The Media/Recording booth also serves as an optional control room for audio or video recording or for voice-overs. Two ISDN lines are available in the booth for internet web casts. Audio or video programs may also be transmitted for live broadcast via the Southwestern Bell Fiber Optic Network or in-house ISDN lines for additional fees. Contact the MSC's Technical Director in advance to arrange for placement of uplink satellite trucks or for any other broadcast equipment or audio-video recording questions.

LOBBY AREAS

Surrounding the *Eugene McDermott Concert Hall* is an expansive lobby space offering freedom of movement for all audience members. The lobby features marble floors and railings, limestone and glass walls, and onyx light fixtures. The east side, or *Renaissance Foyer*, offers close to 24,000 square feet of space with a 50 foot ceiling height. An additional lobby space, the *Loge Terrace*, is an extension of the Loge seating level that provides a dramatic view overlooking the main floor.

Located on the first basement level is the *Lower Lobby*, which serves as the primary entrance to the building from the Dallas Arts District Parking Garage (DADG) and underground valet parking drop-off area. On this level are the MSC's **box office**, *Hart Symphony Suites* and *the Symphony Store*.

All of the lobby areas provide an exceptional space for dinners (up to 1000), receptions (up to 3000), fashion shows, weddings, mini trade shows, commercial photo shoots, etc.

"OPUS"

Located in the Meyerson's West lobby, is *OPUS*, a public restaurant offering creative culinary works that tie the cuisine to the performance. *OPUS* offers an elegant yet informal dining service for up to 150 diners, overlooking a dramatic downtown skyline and *Betty B. Marcus Park*. Evening dining service offers a la carte or buffet on nights of public performances beginning as early as 6:00 PM. Brunch service can also be available for Sunday performances beginning at 12:00 PM. *OPUS* may be available for private functions and special events on non-concert evenings. The decision to open *OPUS* for public dining service is made on an event-by-event basis. The number to call for dinner reservations is 214-670-3721.

Hart Symphony Suites

Located on the Lower Lobby level, the *Hart Symphony Suites* are outfitted with state of the art AV equipment, and are ideal spaces for hosting pre-concert lectures, recitals, meetings, seminars, receptions and dinners. The *Hart Atrium* (1,703 sq. ft.) features a built in bar and commissioned sculpture by David Bates. This space is ideal for stand-up receptions and for refreshment breaks in support of meetings being held in other rooms within the suites. The Hart Atrium can comfortably accommodate up to 150 people. *Horchow Hall* (1,958 sq. ft.) is an exceptional space for hosting lectures, recitals, dinners, business meetings and receptions. The room can seat up to 175 theater style, or 130 for seated dinners. Located at one end of the suites is the *Meeting Room* (540 sq. ft.). Furnished with a large conference table in the center of the room, this space is designed for smaller meetings of 10 to 30 people. Completing the suites at the other end is the *Anita Sampels Suite* (556 sq. ft.). Similar in design to the Meeting Room, but absent of furniture, this space is functional for hosting luncheons, dinners, receptions and small meetings for up to 40 people.

PERFORMANCE EQUIPMENT

SOUND (for additional information see **EQUIPMENT INVENTORY**)

Acoustics

Many concerts presented in the McDermott Concert Hall do not require sound reinforcement due to reflective surfaces within the space, which optimize the natural sound quality of the onstage ensemble. However, this acoustical design often creates a challenge for live sound reinforcement, as the amplified sound level of large groups can be difficult to control. Therefore, special attention is necessary to control stage monitor and house PA volume levels. Acoustic curtains are available throughout the concert hall and within the reverberation chamber, to dampen sound reflections. The MSC technical staff can provide helpful suggestions with regard to acoustical settings, ensemble staging and sound equipment placement necessary to benefit the sound quality. Concert hall room dimensions: 85 feet from floor to ceiling; Orchestra level is 75 feet wide by 115 feet in length.

Loudspeakers

The house PA system consists of a central line array to provide coverage for most of the main floor as well as the first and second tiers, with supplemental side fills, third tier delay fills and near-field speakers to serve all other seating areas. Upstage fill speakers are available for concerts, which utilize the Choral Terrace and Loft seating. Rental use of the concert hall includes **one announce microphone through the primary PA system**, which is adequate reinforcement for brief announcements. All other amplified presentations will require **additional front fill speakers on stage**, to improve coverage and clarity for the front rows of the Orchestra Floor seating area. Presenters may use any/or all of the front fill speakers available in-house, or provide their own front fill speakers and amplifiers. *Most presentations with sound reinforcement will also require use of the supplemental Grand Tier (third tier) loudspeakers, for which there is an additional fee.* If needed, in-house wedge monitor speakers are available at no additional charge. Presenters must provide any additional monitor cabinets or subwoofers, which may be needed for the performance.

Mixers and auxiliary equipment

The front of house mix position is located on the Orchestra Floor level at the back of house right. Use of this position requires removal of at least two or as many as six seats. A platform is available to provide a level surface for equipment placement. There is not a permanent mixing console provided within the concert hall.

A **4-channel mixer** with one auxiliary output, is available, at no charge, for minimal mixing needs.

A **32-channel mixer** (28 mic inputs and 4 stereo inputs, with four sub-groups and four auxiliary outputs), and **front of house auxiliary equipment** is available for productions requiring special equalization or other processing. *There are additional fees for use of the 32-channel mixer or front of house auxiliary equipment rack.*

Audio patching

For programs requiring special microphones other than those available, it will be necessary for the presenter to provide their own microphones with stands. A **36-channel snake** and several sub-snakes are available for patching between the stage and front of house mix position. **Several XLR microphone and line level jacks are available** to conveniently route signals throughout the facility. *Special arrangements for audio recording or program feeds to video, remote broadcast vehicles or other locations should be made in advance with the MSC Technical Director.*

Sound recording

The DSO provides **10 recording microphones**, which are permanently hung in the concert hall. Four of these microphones are equally spaced across the four sections of the Choral Terrace; four are located downstage, (with the center pair together on a bar), and two microphones hang at the rear of the audience chamber. **Use of these microphones and the Media/Recording booth is included with payment of the Recording Rights Fee.** All recording microphone signals are provided at line level via Benchmark Media Inc. System 1000 pre-amp modules. *Presenters are encouraged to furnish their own recording equipment, recording media and operator.* Several XLR microphone and line level jacks are available to conveniently route signals from the concert hall to the Media/Recording booth, the Broadcast/Recording room or the Audio/Video Truck panel. *Audio programs may be transmitted for live broadcasts via the Southwestern Bell Fiber Optic Network or in-house ISDN lines for internet web casts.*

LIGHTING (for additional information see EQUIPMENT INVENTORY)

Stage Lighting

Rental use of the concert hall includes the following customary concert lighting instruments: 310 permanently focused canopy down lights (500w mini-ellipsoidals) covering the stage and risers; 6 rim lights (26 degree ellipsoidals) permanently focused downstage center; 4 permanently focused conductor specials (19 degree ellipsoidals; located downstage at the front of the canopy); 6 front of house specials (5 degree ellipsoidals) permanently focused downstage left, downstage center and downstage right; and 22 front-of-house lighting instruments (5 degree ellipsoidals) are located above the follow spot booth, which may be focused or gelled as needed. All lighting instruments listed are permanently hung, and none of them may be moved to other locations. The canopy down lights and rim lights cannot be gelled. The in-house assortment of gel colors is limited, therefore, special colors must be supplied by the user group. The lighting control booth is located at the back of house left, on the Orchestra Terrace level.

Side lighting and automated lighting equipment: Side lighting instruments (10 ellipsoidals and 38 PAR64's) are available upstage left and right, above the east and west Dress Circle Loft areas, and behind each column on each side of the downstage proscenium. These side lighting bays also contain 20 Vari*Lite VL5 Wash Luminaires, which are convenient for creating a variety of color washes for the stage. There are also 6 Vari*Lite VL6 Spot Luminaires, located at the front of the canopy, which may be used for special lighting effects onstage or throughout the audience seating areas. Each VL6 has 11 colors and 11 gobo pattern effects to choose from. There are additional fees for the use of any or all of the side lighting and Vari*Lite equipment. Additional labor charges will apply for any lighting programming accomplished before the start of the event load-in. The house is equipped with Colortran D192 and ETC Sensor dimmers. All house lighting including the Vari*Lites is controlled by an ETC Expression 2X lighting console using DMX512 protocol. Presenters may provide a Vari*Lite mini-Artisan or any moving light console capable of interfacing with Series 200 protocol, to control Vari*Lites. Special arrangements must be made in advance with the Technical Director to schedule lighting programming.

Rigging and additional lighting equipment: The attic above the concert hall is outfitted with several point hoist openings between the acoustical canopies, as well as a few points which may be rigged through the center of each of the canopies. The attic is also equipped with 13 permanent 1-ton chain motors which are conveniently available for most rigging applications. All trusses, span sets, wire rope and other rigging hardware must be provided by the event producer. Vertical fall arrest units, lateral fall arrest lines and harnesses are mandatory anytime when personnel are accessing any rigging assemblies. Special arrangements must be made in advance with the Technical Director to schedule any rigging, whether it is accomplished with the in-house chain motors or rented equipment. With the exception of hanging lightweight banners, it is a house policy that all rigging for the stage or over the audience shall be accomplished by riggers from the Local 127 IATSE Stagehands Union. There are no rigging points in the MSC lobby. **The house also owns portable lighting equipment** (8 ETC S4 PAR's on two 8' T-bar lighting trees with dimmer packs and a portable controller), or single floor mounted lighting instruments, which are available for use in the concert hall or in the lobby, for additional fees.

Follow Spots: The concert hall is equipped with 3 spotlights (Strong 2000watt Xenon Super Troupers), which are located in the spotlight booth above the Grand Tier at the rear of the audience seating area (78' elevation). The projection distance is approximately 120' to the apron. Power is available for a total of 5 spotlight positions with a 30amp service for each. At least 4 additional positions are available for rental spotlights (with two 30amp power outlets) at the rear of the Dress Circle seating area. Arrangements must be made in advance, with the Technical Director, to secure a custom-built platform, which eliminates a few seats in the Dress Circle. The in-house assortment of gel colors is limited, therefore, special colors or color correction filters must be supplied by the presenter. Additional rental fees and Local 127 IATSE labor charges will apply for use of the house follow spots.

POWER (for additional information see EQUIPMENT INVENTORY)

Electrical company switches are available for lighting, sound, lasers and projectors for additional fees.

Note: Presenters must provide distribution panels or power generators if needed.

Co. Switch #1 and Co. Switch #2: Both are Backstage Right-400a/208v/3-phase (E1016 Cam-Lok or bare wire)

Co. Switch #3: Backstage Right-125a/208v/3-phase (bare wire only)

Sound Co. Switch: Stage Left-200a/110v/hot-neutral-isolated technical ground (E1016 Cam-Lok or bare wire)

Broadcast Co. Switches: (2) 200a/208v/3-phase services at truck pad (E1016 Cam-Lok)

Loading Dock Co. Switch: 200a/208v/3-phase service at loading dock (bare wire only)

LABOR and SERVICE FEES

Rental use of the concert hall includes the following: Customary concert lighting; one announce microphone through the central speaker cluster; conductor's podium, conductor's music stand, up to 100 orchestra chairs and music stands; a 7' Yamaha grand piano; step units from the stage to Orchestra floor, and a lectern for the stage.

LABOR RATES

The Meyerson Symphony Center is not a union facility. **The MSC has a full-time salaried technical production staff, which includes a Technical Director and three Sound/Lighting Technicians.** These technicians are required whenever the Center is in use, regardless of the union affiliation of the user group. The crew is very familiar with the facility and in-house equipment. This crew will assist with acoustical adjustments and operation of in-house sound, lighting and AV equipment, as well as coordinating power needs, rigging and supervising the stage set up crew. **Renting organizations are required to provide their own stage management personnel to coordinate their running crew and performers and to call the show cues; as well as a stage crew to set up chairs, music stands, stand lights, musical equipment and scenic elements.** For more information about other MSC support personnel, such as ushers, security and custodial, please refer to the MSC Rental Packet.

House Technicians (\$28.00/hr. reg. - \$42.00/hr. overtime; Labor rates are subject to change)

For both concert hall and lobby functions the number of House Technicians required will vary. The MSC's Technical Director, in consultation with the renting organization, will determine the number required. Renting organizations may either provide their own production crew, or the MSC Technical Director can request additional stagehands, truck loaders, carpenters, lighting techs, sound techs, riggers or follow spot operators from IATSE Local #127. **The renting organization will be responsible for payment directly to Local #127 for additional stagehands. Local #127 work calls are scheduled for 4-hour minimums. It is a house policy that all rigging and follow spot operation be provided by qualified, experienced members of IATSE Local 127.**

For specific questions regarding IATSE Dallas-Local 127 rates and conditions, please contact:

Carl Labry, Business Representative, I.A.T.S.E. Local 127; 2805 Canton Street, Dallas, TX, 75226;
Office: 214-742-4741 Fax: 214-747-4792 Toll Free: 800-333-6712

If additional musicians are required, please contact:

American Federation of Musicians union, Local 72-147; 1939 Stadium Oaks Ct., Dallas, TX 76011

SERVICE FEES

Recording

The Eugene McDermott Concert Hall is an ideal location for audio/video recording sessions. Rental fees vary for recording sessions in which no audience is involved (closed session), depending upon time of day. Daytime sessions between the hours of 7:00 AM & 5:00 PM are eligible for a special discounted rate of up to 10 hours for the price of 5. Evening sessions (after 5:00 PM) will have a minimal 3-hour charge. (see rental packet)

A \$200.00 fee will be charged for any archival audio and/or video recording that is requested and approved in advance by the MSC. *This does not include commercial recording projects, for which special arrangements must be made.* If the Lay Family Concert Organ is included in any part of the recording, the Dallas Symphony Orchestra will assess an additional \$1,000.00 royalty rights fee. **Renting organizations are encouraged to provide their own mixer, recording equipment, tape stock and operator.** Use of the in-house recording microphones is included with the archival recording fee. Additional labor fees will be assessed for any special microphone adjustments.

Miscellaneous equipment set up

Banquet Chairs The MSC has 500 banquet chairs on site, for small to medium size functions. There is no charge for these chairs when used as part of a banquet event. Use of these chairs for meetings and other functions not involving a banquet order will require a labor fee of \$1.00 per chair charge, with a \$25.00 minimum fee.

Tables 60" & 72" rounds and 6' & 8' rectangles are available through the MSC's contracted caterer, Culinaire International. Generally when used as part of a banquet order there is no charge. Use for other non-banquet functions may require a \$15.00 per table charge.

Portable sound or lighting system The MSC has portable sound and lighting equipment available for use in support of lobby functions. Equipment charges range from \$150.00 to \$450.00 depending on the size of the system needed, and an hourly charge for House Technicians to set-up and operate.

Orchestra riser removal

The orchestra risers are considered a standard component of the MSC stage. *Any removal/replacement of these risers will be solely determined by the MSC*, and is dependent upon other rental events taking place before and after the event expressing this need. **There is a \$100 fee for any removal of riser units from row 3 and a \$300 fee for removal of risers from row 4.**

Additional labor requirements and labor charges for removal/replacement of the risers will vary, as follows:

Orchestra Riser Labor Option 1:

In an effort to provide flexibility for planning the production event, renting organization's are permitted to provide their own crew (no less than 4 persons capable of safely lifting at least 125 lbs. each) to assist with removal and replacement of the first two rows of risers only. The MSC staff will provide supervision of this work. The renting organization is responsible for securing insurance coverage for their crew. The MSC will not assume any responsibility for damages or injury to persons, clothing or other property caused by representatives of the renting organization.

Orchestra Riser Labor Option 2:

If the renting organization does not choose to provide a crew, or if more than 2 rows of risers are to be removed, additional stagehands will be requested from IATSE Local #127, and the renting organization will be responsible for direct payment (Avg. cost \$400.00-\$800.00 or more) to Local IATSE #127. These stagehands may also assist with other production needs for the set up and load out as required, as they are hired for a 4-hour minimum work call. Stagehand labor rates after midnight or on holidays will apply.

NOTE: Additional labor charges may apply if the renting organization fails to provide a riser crew as promised; or if the renting organization fails to communicate the need for riser removal in a timely manner (no later than 4pm Mon.-Fri. on the day before the event load-in).

EQUIPMENT INVENTORY and DAILY RATES

STAGE EQUIPMENT

Music Chairs & Stands

(no charge)

120 chairs and 110 music stands for use on stage.

For lobby functions, some of the stands and chairs may be made available for musical groups.

Conductor's Podium & Conductor's Music Stand

(no charge)

Podium is 4' x 3' x 11"ht with back rail.

Lectern

(no charge)

Adjustable height w/light & 2 gooseneck adapters for microphone.

Step units (two)

(no charge)

Portable steps from Orchestra floor up to the stage.

Support Pianos - Concert Hall, Lobby and Symphony Suites

(One available @ No Charge)

The MSC has one 7' Yamaha piano for the stage, which is provided through the courtesy of Yamaha Music Corporation of America. Any costs associated with moving and/or tuning of this piano will be charged to the renting organization by the service vendor. **Groups requiring a 9' grand piano or a different make (ie. Steinway or Baldwin etc.), must make their own arrangements outside of the MSC for rental and delivery.**

Note: The Chorus Rehearsal/Warm-up Room is equipped with a 7' Bosendorfer piano, which may be used by groups renting the Chorus Room. The Hart Symphony Suites are outfitted with a 5'8" Hobart M. Cable piano in Horchow Hall. These pianos (owned by the Dallas Symphony) are dedicated to these spaces, and may be used for events taking place within the chorus room or suites. Any tuning costs will be additional.

Herman W. Amelia H. Lay Family Concert Organ

(\$500.00 per performance)

Special permission must be received for use of the hall's pipe organ. Rental of the concert hall does not automatically include use of the organ. Only qualified, pre-approved organists may perform on this instrument. Payment of this per performance fee is separate and payable to the Dallas Symphony Association (DSA), custodians of the organ. In some cases, if special tuning is required, additional charges may apply. Should the organ be used as part of an audio/video recording, a recording rights royalty fee of \$1,000.00 will be payable to the DSA in addition to the above usage fee.

Drum baffles

(no charge)

6 units/plywood, carpet with Plexiglas/ 4' W x 4'7"height

Dimmable circuits for music stand lights.

(no charge)

Tables (6' & 8')

(\$15.00/unit + linen charges)

Available through Culinaire International, the MSC's Food & Beverage Contractor.

Scaffolding - Concert Hall or Lobby

(\$25.00 per level + labor fee)

5ft. frames with adjustable legs and either 5ft. or 10ft. walk boards.

Gaffer's Tape (per roll)

(\$15.00per roll)

Presenters are encouraged to furnish their own Gaffer's Tape.

Note: Presenters are encouraged to furnish their own music stand lights, stools, special music stands or gaffer's tape. Tables with or without skirting are available through and payable to the catering department. (See MSC Rental packet for more info). **Special riser platforms for drums or other instruments are not available.**

SOUND EQUIPMENT

House Sound System – General Information

- One announce microphone through primary PA system (no charge)
- Any use of Grand Tier loudspeakers (\$250.00)
- Small (4ch) Front of House Mixer, Frt Fill Spkrs & two Monitors (no charge)
- Large (32ch) Front of House Mixer, Effects Rack & Frt Fill Spkrs (\$125.00 for mixer / \$125.00 for FX rack)
- Portable Sound System (4 spkrs) as side monitors for concert hall (\$100.00)

House Sound System Inventory

Central Loudspeaker Array (Orch floor, Loge, DC, Choral Terrace)

- 5 EAW KF730 SLAM (small line array modules) (downstage- Orch, Loge, DC)
- 2 EAW KF300i loudspeakers (upstage center- Choral Terrace)
- 4 QSC 3500 dual amplifiers

Supplemental Fill Loudspeakers (from lowest level to highest level)

Front Fill Speakers (downstage left and right)

- 4 Meyer Sound UPA-1A loudspeakers
- 2 EAW UB12 loudspeakers (as needed) for center front fill
- 1 Meyer M-1A processor
- 2 Crown Micro-Tech 602 dual amplifiers

Orchestra Terrace (downstage at stage level)

- 2 EAW UB12 loudspeakers (Aisle 1 & 4 fills)
- 1 Carver PM600 dual amplifier
- 20 EAW L8/CX2XD-TM loudspeakers (4 delay zones)
- 1 White Model 5000 digital delay unit
- 5 Carver PM600 dual amplifiers

Loge (downstage side fills for 1st tier box seats)

- 2 EAW KF300i loudspeakers
- 1 QSC 3500 dual amplifier

Dress Circle (downstage side fills for 2nd tier box seats)

- 2 EAW KF300i loudspeakers
- 1 Carver PM900 dual amplifier

Choral Terrace (upstage 1st tier side fills)

- 2 EAW KF300i loudspeakers
- 1 Carver PM600 dual amplifiers

Dress Circle Loft (upstage 2nd tier side fills)

- 2 EAW KF 300i loudspeakers
- 1 Carver PM900 dual amplifier

Supplemental Grand Tier Loudspeakers (\$250.00)

- 2 EAW KF300i loudspeakers (downstage- 3rd tier box side fills)
- 1 EAW MX200i dual processor
- 1 Carver PM900 dual amplifier
- 2 EAW MQV 1394e loudspeakers (downstage- 3rd tier delay fills)
- 1 Carver PM900 dual amplifier

Front of House Sound Equipment (\$250.00)

- 1 Midas/Venice 32 Channel Mixer (24 mono/4 stereo inputs)
- 1 Ashley MQX2310 31-band dual EQ
- 1 Klark Teknik DN360 31-band dual EQ
- 1 Klark Teknik DN504B Quad Compressor/Limiter
- 1 Lexicon MPX500 digital effects processor
- 1 Marantz PMD350 cassette/CD player

Auxiliary Processing Equipment

- 2 Peavey Architectural Acoustics Media Matrix X-Frame 88 Digital Signal Processors
 - 1 Klark Teknik DN500 Quad Compressor/Limiter
- 2 Klark Teknik DN360 31-band dual equalizers
- 2 EAW MX200i dual processors
- 1 Behringer DSP8024 dual digital signal processor

Auxiliary Sound Equipment

Stage monitors

- 2 EAW SM202H wedge monitors
- 1 Crown CE 1000 dual amplifier

Microphones

- (7) SM58, (6) SM81, (1) SM57, (1) AKG-D112,
- (1) Senn MD421, (2) Oktava MC012, and (2) PCC 160

Wireless Microphones

(\$50.00 each)

- 1 Telex FMR 450 (UHF) receiver w/HT 450 Hand Held or Lavalier
- 1 Telex FMR 450 (UHF) w/HT 450 Hand Held
- 1 Telex FMR 500 Receiver (UHF) w/ HT500D/EV N/D 767a Hand Held or Lavalier
- 1 Countryman E6OW-7-T-TS Earset Microphone

In-House Patching and Miscellaneous

- 36-channel snake Stg Left to FOH mix platform
- Multiple tie-lines available as needed
- (3) 8-channel sub-snakes; (1) 16-channel sub-snake
- (4) DI Boxes, (6) 1:2 ISO Mic Splitters
- (6) 6-channel isolation mic splitters, (1) 8-channel line isolators

Portable Sound System (equipment charge /plus labor)

Available for use for the lobby, for stage or for backstage monitors

- Announce Mic, Mixer, Amp & 4 Speakers for 100-250 people (\$150.00 + labor)
- Announce Mic, Mixer, Amps & 6 Speakers for 250-400 people (\$250.00 + labor)
- Announce Mic, Mixer, Amps & 8 Speakers for 400-500 people (\$300.00 + labor)
- Announce Mic, Mixer, Amps & 10 Speakers for 500-650 people (\$400.00 + labor)
- Announce Mic, Mixer, Amps & 12 Speakers for 650-800 people (\$450.00 + labor)

Portable Sound Equipment:

- 2 Yamaha MG10/2 mixers
- 1 Soundcraft 8 channel powered mixer
- 1 Yamaha EMX 88S 8 channel powered mixer
- 8 Yamaha C115V speakers with stands
- 2 Peavy 115PS speakers with stands
- 2 Klipsch KP3000C speakers with stands
- 1 Marantz PMD350 CD/ cassette player
- 1 Yamaha MS202 powered hot-spot monitor
- 1 Nakamichi MR2 Cassette Deck
- 1 Sony PCM 2300 DAT Recorder
- 1 Carver PSD 36b 10 disc CD Player
- 1 Sony MDS-JE630 Mini Disc Recorder
- 1 Press Mult Box (8 isolated mic level outputs)

Audio Recording Equipment

(use of recording microphones is included with the \$200.00 Recording Fee)

- 2 Neumann TLM50 omni microphones for orchestra center left and center right
- 2 Neumann KM183 omni microphones for orchestra left and right outriggers
- 4 Microtech Gefell M300 cardioid microphones for the Choral Terrace
- 2 Microtech Gefell M960 omni microphones for room ambience and reverberation

All microphone signals provided at line level via Benchmark Media Inc. System 1000 pre-amp modules.

Other recording equipment available:

- Soundcraft Spirit Live 24 channel mixer
- 4 Bruel & Kjaer 4006 omni microphones
- 4 Shure SM80 omni microphones
- 2 Neumann KM183 omni microphones

Note: *Presenters are encouraged to furnish their own mixer, recording equipment, recording media and operator.*

Blank DAT Tapes	(\$10.00 each)
Blank Audio Cassette Tapes (90min hi-bias)	(\$4.00 each)
Blank CD's	(\$2.00 each)
Blank Mini Discs	(\$5.00 each)

Broadcast/Recording Studios

Audio Broadcast/Recording Studio	(\$225.00/day)
Video Broadcast/Recording Studio	(\$275.00/day)
Audio/Video Truck Patch Panel	(\$350.00/day)

Other Sound Equipment

Sennheiser infrared assistive listening system (10 emitters/100 headsets / no charge)

AUDIO-VISUAL EQUIPMENT

Portable AV Equipment

Panasonic 27" TV/Monitor/VCR (on 4 ft. portable cart)	(\$150.00)
Kodak Ektagraphic III slide projector (w/ wireless remote)	(\$25.00)
Elmo HP-L290 overhead projector (Hart Symphony Suites)	(DSA equipment/no charge)
Philips DVD/VCR (Hi-Fi combo player)	(\$25.00 if not used w/ MSC video equipment)

Hart Symphony Suites AV equipment

(AV equipment included with rental of suites)

All user-controllable equipment within the Suites is controlled by an AMX Touch Screen (1) or Soft Key Remote Control units (3). The AMX Control System allows the user to select and control lighting, roll-drop screen, volume, and playback/record functions for CD Player, VCR (VHS), DAT Recorder and Cassette Deck. Horchow Hall is equipped with a Barco 8100LC Graphics projector and (2) Sony 41" rear projection TV's for computer or video presentations. The Meeting Room and Sampels Suite each offer a Sony 41" rear projection TV for viewing presentations, or users may provide their own computer data projectors for viewing on the roll-drop screen available in each room. Wireless handheld or lavalier microphones (4) are available in Horchow Hall.

Presenters may use their own laptop computer or an in-house laptop for presentations to be projected. Special equipment needs should be arranged in advance with the MSC Technical Director. **Early arrival is always recommended to test computer presentations or video projection.**

Note: Portable video projection equipment is not available in-house. Events requiring video projection within the concert hall or the lobby must make advanced arrangements through the MSC's Technical Director to coordinate power, rigging and placement of projectors and screens.

LIGHTING EQUIPMENT, RIGGING and POWER

Lighting - Concert Hall (Customary Concert Lighting) (no charge)

Canopy down lights, rim lights, conductor specials & soloist specials
Instruments are permanently hung, and not available for re-focus or color.

Canopy Down Lighting

- 310 Colortran 500watt mini-ellipse (stage and Choral Terrace)
- 6 ETC Source Four 26 degree ellipsoidals (mid canopy rim lights)
- 4 ETC Source Four 19 degree ellipsoidals (front of canopy conductor specials)

Front of House (F1) soloist specials (Down center/white wash only)

- 6 ETC Source Four 750 / 5 degree ellipsoidals

Console: ETC Expression 2X

Dimmers: Colortran D192 and ETC Sensor

Lighting - Concert Hall (Specials)

All available for re-focus and color.

Front of House (F2) specials

- 22 ETC Source Four 750/ 5 degree ellipsoidals (no charge)

Side Bay Lighting (5 UpStage Left; 5 UpStage Right) (\$10 per bay)
38 1000w PAR64 units available (19 per side from DC Loft areas)
10 ETC Source Four 26 degree (5 per side from DC Lofts)

Vari*Lites – Concert Hall only

Vari-Lites (6 - VL 6 Spot Luminaires) - Front of Canopy (\$50.00 /unit or \$250.00 max.)
Vari-Lites (20 - VL 5 Wash Luminaires) - Side Bays (\$20.00/unit or \$300.00 max.)
Vari-Lites (Programming Labor Charge) (\$75.00/hour)

Additional Lighting/Rigging – Concert Hall only

13 CM Lodestar one-ton Chain Motors –In Attic/for rigging (\$35.00/unit)

Note: The MSC attic is outfitted w/ multi- cable & outlet boxes w/ 126 circuits available.
Additional labor charges for rigging provided by IATSE #127. (IATSE #127 Quote)

Additional Lighting – Concert Hall or Lobby (Portable) (\$100.00 per tree unit)

1 Leprecon LP612DMX Lighting Console
2 Leprecon LD340 Dimmer Packs with stage pin outs
2 Ultimate Support light trees (8ft. w/ T-bar)
8 ETC Source Four PAR's (4 per light tree)

Additional fee for any single, portable, floor- mounted instrument (\$25.00 each)

Follow Spots – Concert Hall only

(\$100.00 per unit)

3 Xenon Strong Super Troopers - 2000 watt

Note: Additional labor charges for IATSE #127 follow spot operators. (IATSE #127 Quote)

Gel (per sheet / in-house selection)

(no charge)

Gobos (Steel or Glass/ in-house selection)

(no charge)

Installation of special gobos for VL6 Spot Luminaires

(\$75.00 per hr)

Presenters must provide special filter colors or gobos.

Electrical Tie-In Charge

(\$75.00 per panel)

Electrical tie-in to power sources for lighting, sound, lasers, projectors, etc.

Note: Presenters must provide distribution panels or power generators if needed.

Co. Switch #1: Backstage Right-400a/208v/3-phase (E1016 Cam-Lok or bare wire)

Co. Switch #2: Backstage Right-400a/208v/3-phase (E1016 Cam-Lok or bare wire)

Co. Switch #3: Backstage Right-125a/208v/3-phase (bare wire only)

Sound Co. Switch: Stage Left-200a/110v/hot-neutral-isolated technical ground (E1016 Cam-Lok or bare wire)

Broadcast Co. Switches: (2) 200a/208v/3-phase services at truck pad (E1016 Cam-Lok)

Loading Dock Co. Switch: 200a/208v/3-phase service at loading dock (bare wire only)

Additional Power for Lobby Events

Portable 15kva 208v transformer with multiple outlets; by special arrangement (\$100.00 per day)

(1) 50a twist-lock outlet; (2) 20a/110v twist-lock outlets; (6) 20a/110v duplex outlets

(Panel equipped w/200' cable. Plugs into service outlet in Greenroom or W. Lobby kitchen)

Note: Presenters must provide their own power generators if needed.

Electrical extension cords - Lobby

(no charge)

Presenters are encouraged to furnish their own extension cords for large events

Other electrical convenience outlets (no charge)

Stage L & R: (4) Dimmable circuits for music stand lights; outlet strips on all risers.
Stage L, R & Upstage: (20) 20a/110v twist-lock outlets w/ isolated audio ground
Stage L & R booths: (2) 20a/110v duplex outlets
Backstage: (8) 20a/110v duplex outlets
Concert hall: 20a/110v duplex outlets- (2) Loge; (4) Dress Circle; (4) Grand Tier
FOH sound mix: (4) 20a/110v twist-lock outlets w/ isolated audio ground
Orchestra Terrace Section F: (4) 20a/110v twist-lock outlets w/ isolated audio ground
Media/recording booth: (12) 20a/110v duplex outlets w/ isolated audio ground
Lighting booth: (2) 20a/110v duplex outlets
Follow spot booth: (5) 30a/208v twist-lock outlets; (2) 20a/110v duplex outlets
Dress Circle spotlight position: (4) 30a/208v twist-lock outlets
Green room: (5) 20a/110v circuits distributed between (8) outlets
Flora Street: (2) 100a/120-240v/3-phase twist-lock outlets (by special arrangement)
Lower Lobby: (4) 20a/110v duplex outlets
E. Lobby Orch level: (5) 20a/110v circuits distributed between (9) duplex outlets
W. Lobby Orch level: (3) 20a/110v circuits distributed between (6) duplex outlets
Orchestra Terrace hallways: (6) 20a/110v duplex outlets
East & West Loge hallways: (6) 20a/110v duplex outlets
Hart Atrium: (7) 20a/110v duplex outlets
Horchow Hall: (12) 20a/110v duplex outlets
Meeting Room: (4) 20a/110v duplex outlets
Sampels Dining Room: (4) 20a/110v duplex outlets

MISCELLANEOUS EQUIPMENT and SERVICES

ISDN Lines (two) (\$150.00/per line)

Two BRI 2B+D clear channel ISDN lines (64K per channel) with call hunting between the two SPID numbers.
Both lines configured to support data transmission. Located in Media Booth. Long distance fees are additional.

Special Telephone Lines/Fiber Optic Transmission Equipment (Quote)

Arrangements should be made in advance for video projection equipment placement or for transmission of program feeds via the Southwestern Bell Fiber Optic Network or in-house ISDN lines for Internet web cast.

Wireless Internet Connection (by special permission) (\$100.00 per day)

System: DSL service with modem and wireless router.
Available backstage in first floor dressing room #3 or the Center Media Booth at rear of the concert hall.

Additional Dumpster for Special Lobby Events (\$200.00 per day)

ADDITIONAL REHEARSAL SPACE

Choral Rehearsal/Warm-up Room (\$100.00 per day)

Located within the MSC Administrative Office area, special permission must be received for use of this space.

CONTACT INFORMATION

Meyerson Symphony Center Staff:

Les Studdard
Lamar Livingston
Ed Schmitt
Chris Head
Sam Saenz
Kerry Musick
Melanie Armstrong
David Hunter
George Bridges
Debra Daniel
Vincent Puentes

General Manager
Technical Director
Lighting/Stage Operations
Lighting/Stage Operations
Sound/Stage Operations
Booking/Event Manager
House Manager/Tour Coordinator
Event Coordinator
Security Supervisor
Office Clerk
Maintenance/Mechanic

Morton H. Meyerson Symphony Center, 2301 Flora Street, Suite 100, Dallas, TX 75201
Phone: 214/670-3600 Fax: 214/670-4334

Food & Beverage/Catering Services (Culinaire- Distinctive Dining and Hospitality Management):

Christine Magrann
Angela Morgan
Shay Allen
Tim Semenuk
Melissa Markland

Food & Beverage Director
Catering Coordinator
Banquet Manager
Executive Chef
Administrative Assistant

Culinaire International, Meyerson Symphony Center, 2301 Flora Street, Suite 100, Dallas, TX 75201
Phone: 214/670-1771 or 214/670-3725 Reservations (Opus): 214/670-3721

Parking Services (Ace Parking Management, Inc.):

Michael Bridwell

Site Supervisor

Ace Parking Management, Inc., 2017 Young Street, Suite 100, Dallas, TX 75201
Phone: 214-748-5535 Fax: 214-748-9112

Initial Security Services provides building and event security services.

Pam Pierce

Site Supervisor

Lifenet / TIBH provides building custodial services.

Hortencia Farghal

Site Supervisor

PLEASE REFER TO THE **RENTAL RATES PACKET** FOR OTHER ELEMENTS AVAILABLE TO USER GROUPS
RENTING THE CONCERT HALL. (AVAILABLE UPON REQUEST)