

Sunset Center Theater

East side of San Carlos Street between Eighth and Tenth Avenues
Carmel-by-the-Sea, California 93921

General & Technical Specifications:

- Seating Capacity** 718 seats, (including):
48 seats are located on the Orchestra lift; (These are permanently attached to three seat wagons which store under the main seating area in order to use orchestra pit or thrust stage).
12 balcony box seats
13 removable seats for ADA wheelchair access
- Proscenium Opening:** 40' wide by 37' high at the peak of the arch.
(Note: main valance reduces opening height to 18'9").
- Stage Depth:** 39' plaster line to back wall.
42' 7" apron to back wall
54' orchestra pit/ thrust stage down stage edge to back wall
(Note: front edge of apron and thrust stage are curved and measurements are taken on centerline at the furthest down stage point of the arc).
- Stage Width:** 33' Centerline to locking rail stage right
62' centerline to stage left wall, (50' clear and useable)
- Stage Height:** 40' stage floor to batten high trim
43' stage floor to grid
- Orchestra Pit:** 9' below stage floor 14'deep by 28'wide (approx~390sq.ft.)
- Stage Floor:** Pine tongue and groove floor sprung on rubber bushings for dance with matte black finish
- Crossover:** Hallway upstage of backstage wall with entrances to stage right/left wing areas
- Loading door:** 10' high x 10' wide, Direct access from ground level to up stage left wing area

Rigging: 38 single purchase line sets 56' long including "house hang"
Locking rail is stage right
33 "working" line sets; first two are "main valance" and "main drape" three more dedicated line sets for orchestra Wenger
"Diva" shell clouds are interspersed at 1/3rd intervals through the line set schedule
1700 lb. Maximum load per arbor
50,000 lb. of counter weight available

Soft Goods: Main drape and Main valance red/wine color 150% fullness both travel
Legs and borders are sewn flat (fullness can be tied in)
4 sets of legs 15'w X 23' h
5 borders 85'w X 10' h
1 border 85'w X 5' h
1 Traveler (mid stage) 150% fullness
1 black seamless scrim 50' w X 22' h
1 leno filled seamless white cyclorama 50'w X 24' h

- **Lighting Equipment** -

Dimmers: ETC Sensor Dimmers
3 SR96 racks loaded with 240 dimmers
119 D20E dual 20A 800ms rise time dimmers
2 D50AF single 50A 800ms rise time dimmers

Control: ETC Expression3 800
800 channels
1536 dimmers
Software V3.1
1 remote focus unit

House lights: controlled by ETC unison system or Expression3

DMX distribution:
6 ETC DMX Net2 nodes (up to 4 DMX inputs/outputs)
1 ETC DMX Net2 portable node (up to 4 DMX inputs/outputs)
24 network ports for portable and additional nodes
Note: Nodes normally operate in Net2 mode

Circuits: 208, 20A 2P& G (stage pin)
 2, 50A 2P& G (stage pin)

Distributed as follows:

- 2 Spot booth
- 9 Balcony rail
- 48 FOH catwalk
- 2 50A @ FOH catwalk
- 15 6 circuit multi drops stage left (for electrics battens)
- 2 6 circuit multi drops stage right (for electrics battens)
- 24 Located in floor pockets (4 SR/4 SL, 3 circuits per)
- 6 Down stage wall (3SR/3SL offstage of proscenium arch)
- 12 Up stage wall (4 groups of 3 SL-SR)
- 3 Wall mounted circuits in orchestra pit

Lighting Instruments:

| # | Brand | Unit | wattage |
|----|--------|------------------------|----------|
| 14 | ETC | 15-30 source four zoom | 750 |
| 6 | ETC | source four 19 | 750 |
| 24 | ETC | source four 26 | 750 |
| 28 | ETC | source four 36 | 750 |
| 23 | ETC | source four Parnell | 750 |
| 4 | Altman | 6X22 Ellipsoidal | 1K |
| 8 | Altman | 6X12 Ellipsoidal | 750 |
| 18 | Altman | 6X9 Ellipsoidal | 750 |
| 6 | Altman | 4 ½ X 6 Ellipsoidal | 500 |
| 2 | Altman | 3 ½ X 6 Ellipsoidal | 500 |
| 25 | Altman | 8" Fresnel | 1K |
| 18 | Altman | 6" Fresnel | 500 |
| 16 | Altman | PAR 64 | 1K (MFL) |
| 6 | Strand | PAR 64 | 1K (MFL) |
| 20 | Altman | 1 window Sky Cyc | 1K |
| 9 | Altman | 6' R/40 Strip light | 150 |

MISC.

- 8 50lb. Boom Base w/ pipe for 12' trees
- Various extra ETC source four barrels for ellipsoidal instruments
- 6"& 8" barn doors, side arms, pattern holders: 17Altman, 19 source4
- approximately 1000' 12/3 cable various lengths 5-40'

Sound Equipment

Console: Crest X Eight: 40 mono input channels sweep able HPF, HF bell curve, parametric HM& LM EQ, LF bell@ 80hz , 4 stereo input, 8 sub groups, 8 aux

Speakers: 6 EAW kf740p loudspeakers flown in clusters of two Left, Right, and one left/Right in the center cluster
2 EAW SB 750 Subwoofers in orchestra pit or can be moved onstage
4 Meyer UPM-1P self powered front fill speakers on down stage lip
6 EAW SM129z monitor wedge speakers 2" tweeter 12" woofer
2 EAW SM159z monitor wedge speakers 2" tweeter 15" woofer

Amplifiers: (permanent install, cannot be moved or reconfigured)
3 Crown MA1202 (HF)
3 Crown MA2402 (MF)
3 Crown MA3600VZ (LF)
2 Crown MA5002VZ (Sub)
2 Crown MA1202 (stage monitors)

Speaker management: 2 Crown USM-810 (No access to house curve or crossover)

- Signal Processing-

2 DBX 1046 Quad compressor/limiters (total of 8 channels)
2 DBX 1074 Quad noise gates (total of 8 channels)
2 Yamaha SPX 990 reverb units
4 Klarke Tecknik DN 360 graphic equalizers (total of 8 bands)

Microphone Inventory:

-Dynamic Microphones-

4 Shure SM- 57
6 Shure SM- 58
2 Shure Beta 57
4 Shure Beta 58
2 Electro Voice RE-20
2 Sennheiser 421

- Condenser Microphones-

- 1 Shure VP- 88 stereo two input channel (Left-Right)
- 2 Shure SM- 81
- 2 Neuman KM- 184
- 2 AKG C414B-XLS
- 2 AKG C300B (CK 92 capsule)
- 2 Langevin CR-3A

- Wireless microphones -

- 1 Shure U4D-M4/B87 dual wireless receiver (662-692 mhz)
(This unit has two Beta 87A, and two body pack transmitters with standard shure, or optional countryman mic elements.)

- Miscellaneous Microphones -

- 1 Shure MX412S/S podium microphone
- 1 Shure SM- 58 with switch
(Located at front of house for talk back to monitors)
- 3 Crown PCC- 160 boundary microphones

- Miscellaneous -

- 2 Type 85 Countryman direct boxes
- 1 Whirlwind Direct2 dual input direct box
- 10 Atlas boom stands round base
- 6 AKG boom stands tripod large
- 4 AKG boom stands tripod small
- 2 Atlas boom stands w/large round base
- 2 small boom stands w/ round base

- Playback:**
- 1 Dennon DN-D6000 dual cd player
 - 1 Sony PCM-R300 2 track dat player/recorder
 - 1 Sony Single minidisk player/recorder
 - 1 Marantz PMD-320 CD player
 - 1 Marantz PMD-501 cassette player/recorder

Sound Power: All sound power is on the same branch with its own isolated ground

Sound wiring: 32 channel console input snake
24 channel console output snake
32 channel monitor input snake (transformer isolated split)
Note: all house channels are terminated at a patch bay in the FOH sound booth

Control locations: Booth is~ 10X10 with a 9'X4' window
Aux mix position #1 is located at balcony lip center of house
Aux mix position #2 is located house left under balcony
(not recommended)

Hearing assist: Listen It-800VHF transmitter

Monitor/Paging: coverage/zones:
Large outer lobby, front of house areas i.e. inner lobby, hallways
bathrooms etc..., dance studio/ warm up room, back of house areas:
greenroom, dressing rooms, various production offices, etc...
Program inputs:
Console matrix #1, Hanging Sheeps mics, lobby mic input, and
backstage paging mic

Production COM.: Clear-com SB-440 4 channel with 10 output matrix
2 RM-400 remote master stations
10 RS-502 dual channel belt packs with headsets
4 WTR-680 wireless headsets

Variable acoustics:
Acoustic dampening curtains on back and side walls of auditorium
9 Wenger "Diva" acoustic shell towers 20' high
3 Wenger "Diva" acoustic ceiling panels "clouds" with 16 ETC source
four par in each
LARES (Lexicon Acoustic Reinforcement and Enhancement System)

Company Switch:
(1) 120V 3phase 200Amp (bare wire or cam-lock connector) located
stage left
(1) 120V 3phase 400Amp (bare wire or cam-lock connector) located
up stage left wall near crossover