

# THE ARATANI THEATRE TECHNICAL SPECIFICATIONS

## STAGE DIMENSIONS

Proscenium Arch	48' w x 22.5' h
Stage Depth (from plaster line to back wall)	36.5'
Apron Depth (from plaster line to stage front)	5'

Curved Orchestra Pit (with hydraulic lift):

at widest point	47'
at stage	41'
depth at center	10.5'
depth at sides	4.5'

Centerline to pinrail stage right

at plaster line	34.5'
at 30' upstage of plaster line	14'

Centerline to wall stage left

at plaster line	43'
at 30' upstage of plaster line	18.5'

Side thrusts: Please refer to masking plan

Stage floor: 2 layers of 1" plywood on rubber springs surfaced with 1/8" untempered masonite, flat black finish

Stage floor to grid	50.5'
Out trim of pipes	47.5'

Distance from spot booth to plaster line	76'
Distance from balcony rail to plaster line	51'
Distance from projection booth to movie screen	83.5'
Distance from balcony rail to movie screen	55'

## LOADING ACCESS

**Enter on San Pedro Street between 2nd and 3rd Streets**

NOTE: No loading dock; access is at street level. No parking allowed behind the Theatre. Parking available at public lots.

Loading doors:

Loading area to shop	16'w x 15' h
Shop to stage	16'w x 16.5' h

# THE ARATANI THEATRE TECHNICAL SPECIFICATIONS

## **RIGGING**

Note: All pipes are manually operated single counterweight lines.

32 - line sets (13 empty spare lines) 1.5' pipe

Pipes taper from 60' downstage to 15' upstage

3 - hardwire electrical raceways

1 - adjustable black velour framed portal and header

3 - sets 24' h x 12' w black velour flat legs

1 - set 24' h x 12' w black velour side masking

3 - black velour flat panels (borders): 10' h x 60' w; 10' h x 36' w; 10' h x 24' w

1 - 24' h x 30' w black velour flat panel (upstage black)

1 - 28' h x 30' w white filled scrim (flat cyc)

1 - 28' h x 68' w white filled scrim (wraparound cyc)

1 - 24' h x 60' w black velour (wraparound black)

1 - 18' h x 43' w movie screen with masking

1 - Traditional Japanese Doncho

1 - Traditional Western Main Drape: red velour 100% fullness

## **DRESSING ROOMS**

1 - Green Room/Performers' Lounge - upstage left with sink and restroom

2 - "Principal" Dressing Rooms - stage left by Green Room with 2 mirrors with makeup lights, 1 basin, toilet and shower in each

4 - "Chorus" Dressing Rooms - Basement level with 13 mirrors with makeup lights in each; 6 showers and toilet facilities for men and women

## **STAGE PROPERTIES**

20' x 35' Workshop/Loading area

1 - Lectern

4 section standing Orchestra Shell - each 6' w x 8' h w/ 4' top overhang

Kawai 9' Concert Grand Piano / GS-100 Soundboard

30 - Music Stands with cliplights

30 - Black Orchestra Chairs

12 - 4' x 8' Band Risers at 8", 16", 24" heights

6 - Choral Risers

Rosco Dance Floor: Black/Grey

Shosabutai each 3' x 12' x 5" h (Japanese wooden dance floor)

Joshikimaku

## **SETS & DROPS**

Matsubame - 40.5' w x 29' h

Fujimusume

Mount Fuji drop

Town drop

Himosen

Yamadai

Goza

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## LIGHTING

ETC Expression computer control with remote focus unit (Version 1.84)

Strand Century Mantrix 60 channel auxiliary system

176 - Strand Century CD 80 Dimmers 2.4K each (dimmer per circuit)

8 - Strand Century CD 80 Dimmers 6.0K each (dimmer per circuit)

NOTE: 6.0K circuits have limited access, used primarily for cyc and groundrows.

10 - 6 x 12 single lens ellipsoidal spotlight (15 degrees)	1000 watts	Gel size: 7.5" x 7.5"
60 - 6 x 16 ellipsoidal spotlight (23 degrees)	1000 watts	
40 - 6 x 12 ellipsoidal spotlight (31 degrees)	1000 watts	
40 - 6 x 9 ellipsoidal spotlight (43 degrees)	1000 watts/750 watts	
8 - Strand Century 4.5" variable lekolite	500 watts	
4 - Strand Century 6" variable lekolite	1000 watts	
26 - PAR 64 spotlights (wide)	1000 watts	Gel size: 10" x 10"
5 - Ianiro 4 color Far Cyc Units	1500 watts	Gel size: 12" x 16"
6 - 8' par 56 altman striplights (3 color, 4 lamps)	500 watts	Gel size: 7 1/2" x 8"
4 - 6' par 56 altman striplights (93 color, 3 lamps)	500 watts	
2 - Strong HMI 575 followspots		

Side light package consisting of 16 - 6 x 9 Axial Altman ellipsoidal (750 watts) & 16 - 6 x 12 Axial Altman ellipsoidal (750 watts) with all necessary cable and accessories.

NOTE: HOUSE AND EQUIPMENT HAVE 20 AMP TWISTLOCK CONNECTORS.

Accessories: twistlock cable, threefers, sidearms, tophats, 10' pipes and bases, color frames, pattern holders.

400 amp 3 phase "company switch" located stage left (120/208 volt, 4 wire)

60 amp 120/208 volt "TV" switch located outside loading area

15 amp 208 volt outlet located either side of balcony walls

30 amp 125 volt 3 pin outlet located in booth

30 amp 208 volt 4 pin, 3 phase outlet located in booth

N.B. There is no access to 120/240 single phase in the Theatre and no 220 in the Theatre.

## AUDIO-VISUAL EQUIPMENT

1 - NEC2000 D Cinema HD Projector (18,500 lumens)

1 - Epson 5000 Lumen HD Projector

1 - Sony BluRay / DVD Player

Digital Cinema Server and Processor able to load KDM Files for Cinema

Doremi 5.1 DTS Audio Processor ( Theatre runs cinema audio - L,C,R, Sub)

1 - Stuart Screen Perforated Movie Screen w/ moveable masking (45' x 20')

## AUDIO

The audio control booth is located above the balcony right with a sliding window whose total dimensions are 11' x 3'4". The maximum open dimension is 5'6" x 3'4". Monitors are mixed from FOH.

# THE ARATANI THEATRE TECHNICAL SPECIFICATIONS

## **AUDIO (cont.)**

Mixing Console                      Yamaha QL5 32 Channel Digital Mixer

House PA                                Bose RoomMatch Stereo Line Array System  
    2 x RM9010 RoomMatch Modules  
    2 x RM9020 RoomMatch Modules  
    4 x RM12020 RoomMatch Modules  
    2 x RMS218 VLF Subwoofers  
    4 x PowerMatch PM8500N Amplifiers  
    1 x ESP-880 DSP Processor

Stage Monitors\*                      Sidfills  
    2 x Bose LT904 Loudspeakers with RM215 Subwoofers  
    1 x PowerMatch PM8500N Amplifier  
    1 x PowerMatch PM8500N Amplifier

Floor Wedges  
 4 x Yamaha CM12V Floor Wedges

MICROPHONES:                      Ramsa:

<u>Qty</u>	<u>Type</u>	<u>Model</u>	<u>Characteristic</u>
4	Dynamic	WM-8000	Cardioid
4	Dynamic	WM-216	Omnidirectional
7	Condenser	WM-8150	Cardioid
4	"	WM-8150S	Omnidirectional
4	"	WM-612S	Lavalier, Omni
1	"	WM-8600N	Cardioid, Variable
2	Sennheiser	MD402-U	Super Cardioid
2	Realistic		PZM

Shure:  
 5 x Shure SM58 / 5 x Shure SM57  
 4 x Shure ULX-D Wireless Receivers / 2 Countryman Wireless  
 1 x Audix D6 Large Diaphragm Dynamic Microphone

HEADSETS:                              RTS 2 channel production communications system  
    8 - belt packs and 8 headsets  
    Light Control Booth - Permanent  
    Sound Control Booth - Permanent  
    Monitor/Paging system to all areas of the Theatre

PLEASE CALL KATHY NIXON AT (213) 628-2725, extension 119, for any technical specifications related questions. Information can be emailed to the attention of Kathy Nixon at knixon@jaccc.org