

# Southwest Performing Arts Theatre

## Technical Specifications

### General Data

Seating Capacity	1113	Proscenium Width	42'	Proscenium Height	25'
Stage Depth W/O Pit	45'	Orchestra Pit (radius design)	12'	Wing Space R & L	22'
Scene Shop 18' x 38'		Dressing Room 1 (stations)	10	Dressing Room 2 (stations)	14
Dressing Room 3 (stations)	14	Rest Room w/Shower	1	Additional Rest Room	1

### Stage Rigging

Line Sets (motorized)	16	Ceiling Height	62'	<b>NO GRID</b>	
Electrics (capacities lbs)	2000	General Line (capacities)	1200	# of Electrics	4
Motor Control S/R		Main Curtain (travels only)		Main Control S/L	

### Line Set Schedule

House Main Curtain (Dead Hung)	1'	<b>1<sup>st</sup> Electric (2000 lbs capacity)</b>	3'
General Purpose (1200 lbs capacity)	4'	1 <sup>st</sup> Border (Dead Hung)	5'
1 <sup>st</sup> Leg (Dead Hung)	6'	General Purpose (1200 lbs capacity)	7'6"
General Purpose (1200 lbs capacity)	9'	2 <sup>nd</sup> Border (Dead Hung)	10'6"
2 <sup>nd</sup> Leg (Dead Hung)	11'6"	<b>2<sup>nd</sup> Electric (2000 lbs capacity)</b>	12'
General Purpose (1200 lbs capacity)	13'6"	General Purpose (1200 lbs capacity)	15'6"
3rd Border (Dead Hung)	17'6"	3 <sup>rd</sup> Leg (Dead Hung)	18'6"
General Purpose (1200 lbs capacity)	20'	General Purpose (1200 lbs capacity)	21'
<b>3<sup>rd</sup> Electric (2000 lbs capacity)</b>	22'6"	General Purpose (1200 lbs capacity)	24'
General Purpose (1200 lbs capacity)	25'6"	4 <sup>th</sup> Border (Dead Hung)	27'
4 <sup>th</sup> Leg (Dead Hung)	28'	General Purpose (1200 lbs capacity)	30'6"
<b>4<sup>th</sup> Electric (2000 lbs capacity)</b>	32'6"	General Purpose (1200 lbs capacity)	35'
5 <sup>th</sup> Border (Dead Hung)	38'6"	Up-Stage Black Traveler	39'6"
Cyclorama White Muslin (Dead Hung)	42'		

**NOTE: All Dead Hung Line Sets Are Trimmed To 22 Feet, All Motorized Lines Move At 20ft p/m**

### Lighting Distribution

House Catwalk Circuits 1-16 (parallel HL - HR)	House Left Gallery & Box boom 17 - 25
House Right Gallery & Box boom 26 - 34	1 <sup>st</sup> Electric 35 - 52 (parallel SR - SL)
2 <sup>nd</sup> Electric 53 - 68 (parallel SR - SL)	3 <sup>rd</sup> Electric 69 - 84
4 <sup>th</sup> Electric 85 - 98	Stage Floor Pockets 99 - 118
Forestage (Pit) 119 & 120	

### Lighting Control

Main House Light Board – Rosco – ET Horizon Computer Lighting Console  
 House Back-up Board – Strand Century LightBoard M Console  
 Portable Board – NSI 7532 Portable Lighting Console  
 Partial Availability Board – Strand GSX, 125 Channel Lighting Console  
 3 Lighting Control Positions – Control Room, Rear House Center, Stage Right

## Lighting Inventory

Strand PAR-64 w/DYS conversions (600w)	36	Strand 6" Fresnel Lamps (1000w BTR)	22
Strand 20 degree Ellipsoidal (1000w FEL)	14	Strand 30 degree Ellipsoidal (1000w FEL)	31
Strand 40 degree Ellipsoidal (1000w FEL)	35	Strand Variable Zoom Ellipsoidal	4
ETC Source 4 – 19 degree (575w HPL)	2	ETC Source 4 – 26 degree (575w HPL)	7
ETC Source 4 – 36 degree (575w HPL)	22	ETC Source 4 – 50 degree (575w HPL)	2
ETC Color Source Color Changers (10")	6	Strand FarCyc Units (2 X 1000w FFT)	12
Strand Strip Lights (4 color – 450w per color)	9	Elation Stage Color DMX Par Can	8
Meteor Elipscan Moving Mirrors (fit S-4's)	6	Lycian Ultra-Arc 400 Follow Spots	2

## Audio System (installed)

Bose Panaray 901 Speaker System ( <b>MONO</b> )	Crown Micro-Tech Amps
Bi-Amp Micro EQ301 1/3 octave Graphic EQ	TELEX US2000 2 Channel Headset System
TELEX Soundmate Assisted Listening System	TOA 901 Lobby and BGM Amps

## Audio System (outboard equipment)

Crest Audio HP8 40 Channel Audio Console	Mackie 3204 – 32 Channel Mixing Console
Mackie 2404 – 24 Channel Mixing Console	Mackie 1402 – 12 Channel Mixing Console
3 Mackie 1400 power Amplifiers	2 Crown PB-2 Power Amplifiers
1 AB Int'l 600XLS Power Amplifier	Yamaha SPX990 Digital Effects Processor
Lexicon LXP-15 Digital Effects Processor	2 AB Int'l 131 – 1/3 Octave Graphic EQ's
2 Alesis MEQ-230 Dual Graphic EQ's	Alesis 3630 Compressor / Limiter
Behringer Ultra-Curve Pro DEQ-2496 Equalizer	Sematrix AGC Leveler
Sabine FBX901 Feedback Exterminator	Sabine FBX2020 Dual Chan Feedback Exterminator
4 Behringer Dual Channel Feedback Destroyers	American DJ Dual CD Player
Tascam CD-150 CD Player	Teac Dual Cassette Player
Tascam CD-700R CD Recorder	Alesis ADAT XT-20 Recorder
Sony CD/MD Player/Recorder	Furman PL-8 Power Conditioner
2 ETA PD11SP Power Conditioner/Distribution Unit	Gemini Dual CD and Single CD Players
4 Electrovoice 1202 Wedge Monitor Speakers	2 Electrovoice 300SX Monitor Speakers
4 Community CSX70 Loud Speakers	2 Community CSX60 4-15" Sub Woofers

## Microphones

20	Electrovoice 457 Dynamic	5	Audio Technica C87-MKII Condenser
2	Crown PZM 30D Pressure Zone Mics	6	Audio Technica AT853A Condenser
8	Shure SM-58 Dynamic	12	Shure SM-57 Dynamic
14	Shure SM-81 Condenser	12	Shure SM14/84S Wireless Lavalier Mics
6	Shure SC2/58 Handheld Wireless		12 Total Transmitters of Either Type

## Miscellaneous Equipment

30' X 52' Black Sharks Tooth Scrim	30' X 52' White Sharks Tooth Scrim
Mid-Stage Traveler Curtain (Navy Blue)	2 Twin Spin Gobo Rotators (1 Slow 1 Fast)
Martin 2000 Smoke Machine	Pea-Souper Dry Ice Fog Machine
Neutron Pro Hazer	2 Mega Strobe Lights (750 watts each)
2 Mirror Balls w/Motors (Each 24")	32' Upright Single Man Lift
8- 4'x8'x24" Stage Units	8 Wenger Rollaway II Acoustical Shells
45 Orchestra Chairs, Black Plastic	Kawai 9' Concert Grand Piano
Cable Parlor Grand Piano	Upright Piano
Eiki LCD Projector	12' X 14' Rear Projection Screen
VHS/DVD Player	3 Black Rolling Audio Visual Carts

## Miscellaneous Information

Auxiliary Stage Power (Distro's located in Shop Area)

Lighting      3 Phase 800 Amp Per Leg (5 Wire)

Sound          3 Phase 150 Amp Per Leg (5 Wire)

Loading Dock Located Off of Main Parking Lot, Parking Available for 2 53' Trailers  
Unloading and Loading at Street Level 1 By Ramp and 1 By Hydraulic Lift to Truck Height

Shore Power Available

20 amp Courtesy Outlet or 150 3 Phase Power From Shop (Approx 60')

2 - 20 amp Courtesy Outlets Available Outside Lobby Doors For Food Concession Sales

City Water Service Available For Concessions Outside Lobby Area

Concession Sales Cart Generally Available With Prior Notice

The Southwest Theatre Stocks and Uses Roscolux Gels (Call For Available Color List)

All Color and Expendables Will Show As Extra Charges

All Pianos Are Generally Tuned Twice a Year, Tuning Available Upon Request (**Extra Charge**)

**Although The Southwest Theatre Tries Very Hard to Maintain All Equipment in Operating  
Condition, Not All Equipment May Be Available At All Times**

**The Central Union High School District Is Proud To Be A Tobacco Free School District  
There Is No Smoking Permitted At Any School District Facility**

Please Direct Technical Questions To:

Ron Newhouse, Manager

Southwest Performing Arts Theatre

2001 Ocotillo Dr

El Centro, CA 92243

Office Phone: 760-336-4229 Fax 760-336-4244 E-mail [rnewhouse@cuhsd.net](mailto:rnewhouse@cuhsd.net)