

**ARONOFF CENTER FOR THE ARTS
PROCTER & GAMBLE HALL
TECHNICAL SPECIFICATIONS**

Stage and Dock Information

Seating Capacity:	Orchestra	1351	205 Removable	inc 8 box chairs Inc 64 pit seats Rows AA, BB, CC
	Loge	567	36 Removable	inc 24 box chairs
	<u>Balcony</u>	<u>801</u>	<u>42 Removable</u>	<u>inc 24 box chairs</u>
	Total	2719	283 Removable	

Sound Console Seat Kills: 15 seats Row X 216-220, Row Y 217-221 and Row Z 218-222

Proscenium Opening: 53'-4" wide with a curved overhead arch
34'-2" high at top of curve at center, 26'-3" high at SL & SR at bottom of curve.

Depth: 55' (Plaster line to structural steel columns), 57'-8" (Plaster line to Back wall)

Width: 112'-0" wide, 61'-0" to SL of center, 51'-0" to SR of center

Height: 82'-0" to grid

Rigging: Single Purchase Counterweight System (Secoa) operated from SR at either stage floor or pinrail.

Pinrail: SL and SR at 44' 6"

Linesets: 87 Linesets @ 2,000 lb. capacity

Lineset # 1 (10" US of datum line) dedicated to house valance

Lineset # 2 dedicated to Grand Drapes which flies or travels

Lineset # 84 dedicated to House Black Traveler

Most remaining linesets on 6" centers, complete schedule available on request

Length of pipes: 67'-2" extendable to 72'-6" w/ 7 pickups

Pipe travel: 4' Low Trim, 80' High Trim (1-1/2" Schedule 80 pipe)

Side Masking: 2 Linesets are permanently muled to run up and down stage

38'-6" SL of Center and 37'-0" SR of Center

Pipe length 41'-0" extendable to 48'-0"

Loading Dock: access from Main Street into turnaround

Two interior bays capable of 48' trailer within dock doors

Dock Height: 44 1/2" adjustable with lifts/levelers; one lift has full range to street level

Dock Doors: 8'-8" wide x 10' high

Stage Loading Door: 13'-0" wide x 20'-0" high (from dock to stage)

Pit Lift: 10'-6" @ center x 56'-0" wide

lowers 8'-0" to orchestra level, 17'-0" to storage level

Stage Floor: Sprung red oak, stained ebony satin black

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Draperly Schedule

Item	Brand and Description	#
House Valance	25 oz. IFR Charisma 60'Wx12'H Color-Teal, 100% Full	1
Grand Drape (flies or travels)	25 oz IFR Charisma 35'6"Wx38'H Color-Teal 100% Full, Avora lining 56 in IFR Black	2.
Borders	20 oz IFR Velour 54,12' H X 67'W Black, (Flat)	6
Legs	20 oz IFR Velour 54, 36' X 12'W Black, (Flat)	12
Black-out Drop	20 oz IFR Velour 54, 36' x 67'W Black (Flat)	1
Projection Screen	PVC 55/110 in IFR Cream-110 36' x 67'W	1
Rear Traveler	25 oz velour 35'6"x38'H Black (50% Full)	2
White Scrim	Sharkstooth 67'Wx38'H White w/ Pipe in bottom pocket	1
Black Scrim	Sharkstooth 67'Wx36'H Black c/w Pipe in bottom pocket	1
Cyclorama	Leno 67'Wx36'H c/w Pipe in bottom Pocket	1

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Electrics

Company Switches:

Q'ty	Amperage and Specification	Location
4 *	400 Amp, 3 Phase, 4 Wire	SL Wall 34' US of Prosc., 61' SL of Ctr.
1 *	200 Amp, 3 Phase, 4 Wire+Gr.+Iso Gr	SR Scene Dock (Isolated Ground)
1	400 Amp, 3 Phase, 4 Wire	Loading Dock Wall

Additional Power: 12-100 Amp 3 Phase, 4 Wire throughout the stage house and F.O.H.

Lighting Positions:

Position	Dist. to Plaster L.	Elevation	Throw	Ckts.
House Cove #1	11'--6"	45' -6"	47'	30 (20A)
House Cove #2	25'--6"	50'	56'	30 (20A)
House Cove #3	39' -6"	54'	67'	30 (20A)
Loge Rail	76'	16' -6"	79'	10 (20A)
Balcony Rail	81'	32' -6"	90' -10"	10 (20A)
S.R. Boxes (Over)	9 different positions	6' to 39'		39 (20A)
S.L. Boxes (Over)	9 different positions	6' to 39'		39 (20A)
Vert. Hse. Torm.SR				14 (20A)
Vert. Hse. Torm.SL				14 (20A)
Prosc. Torm. SR				12 (20A)
Prosc. Torm. SL				12 (20A)

Throw is measured from center of position to curtain line @ center.

Projection Booth	109' 0" to Plaster Line	31' 0" Elevation	113' Throw
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Followspot Booth	109' 0" to Plaster Line	68' 0" Elevation	127' Throw
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Lighting Control

Lighting Control Console: ETC ION XE

Dimming: 502 @ 20 Amp, 2.4 Kw, 36 @ 50 Amp; hardwired to production lighting circuits throughout the theater. All terminate in grounded stage pin connectors.
note: DMX ins & outs are available throughout the backstage area as well as the FOH lighting positions

Lighting Inventory

Instruments listed below are for backstage electrics **subject to availability**. Standard front of house plot is available upon request. No gels are provided.

Item	Brand and Description	Color Size	Lamp Type	#
10 degree fixture	ETC Source Four	12"x12"	HPL 575	18
19 degree fixture	ETC Source Four	6 1/4x6 1/4	HPL 575	30
26 degree fixture	ETC Source Four	6 1/4x6 1/4	HPL 575	55
36 degree fixture	ETC Source Four	6 1/4x6 1/4	HPL 575	20
8" Fresnels 2Kw	Strand 8 way barn doors	10"x10"	2000W BVW	32
Par 64 1Kw MFL	L & E	10"x10"	1000W FFR	60
Broads 1Kw Q-Light	Altman		1000W FCM	10
Far Cyc/3 light/1.5Kw	Altman 3 ct 1.5Kw ea	16"x16"	1500W FDB	10
Par 56/8' 3 color/500w	Altman	7 3/4"x7 3/4"	Q500W P56 MFL	16
Followspots	Lycian 1295 3 K	9" round	2000W Xenon	4
Pattern Holders	Rosco 'A' size			200

All fixtures have color frames, safety cables, and 2 P&G stage pin connectors
Adequate cable and 2-fers supplied

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Sound

Mixing Console: DIGICO SD8 (live Madi Only)

House Mix Position: In front of audio booth, rear orchestra level, 103' from plaster line; 150' of snake required. **Seat Kills:** 15 seats Row X 216-220, Row Y 217-221 and Row Z 218-222

Amplification: Crest CA6, Crest CA9, Crest P1001A, additional amplifiers for stage monitors and side fill

Loudspeakers: Meyer MSL-2A, full range speakers, and USW-1 low frequency provided in two roll out towers at the edges of the proscenium, and UPA-1C at central cluster. JBL Control 1 Plus at stage and pit edge (front fill). JBL Control 1 CM (under balcony fill) (delayed). 8 EAW monitors.

Record and Playback: Tascam 1/4" 2 track, 2 speed (7 1/2 IPS, 15 IPS) Reel to Reel, Cassette Recorder (with remote), CD Player (with remote)

Mic List : 10 Audio Technica 4051 - 2 Audio Technica 857AML - 18 Shure Beta 58 - 6 Shure Beta 87 - 6 Crown CPC 160 - 4 Sennheiser 421 & 441 - 4 Sony WRT-810A - 6 Countryman D.I.s (all mics shared between the 3 theaters and subject to availability)

Accessories: Adequate mic's and cables provided as well as equalizers, delays, reverbs, compressors, limiters, and noise gates.

Communication

Clear-Com 2 channel power supply, 16 single channel belt packs, 18 headsets. Clear-Com outlets are distributed throughout the house and stage. Cue light system available.

Video

1 @ Vaddio HD pan/tilt/zoom Camera (Balcony Rail)

2 @ Panasonic WV-BL202 Black & White camera with motorized lens one in pit (conductor camera), one @ loge rail

1 @ Panasonic WVCD EL-2 infra-red emitter, for loge rail b&w camera

Color and Black & White monitor/ receivers available

Video distribution available throughout stage and house

Assisted Listening System

ADA Listening System - Mobile Connect WIFI