

KC-ACTF TECH PACKAGE

COVER SHEET

FESTIVAL DATES

Brooks Center for the Performing Arts
221 Brooks Center
Clemson, SC 29634

CONTACT INFO

Festival Coordinator: Mark Charney
Technical Coordinator: Woody Moore
Irene Ryan Coordinator: Carrie Ann Collins
Design Competition Coordinator: David Hartmann

Location Phone Numbers

Main Office (864) 656-3043
Box Office (864) 656-7787
House Management (864) 656-7012
Publicity Office NA
Design Office NA
Tech Office (864) 656-1479
Backstage NA
Shop (864) 656-6667
Electrics NA
Sound NA
Costumes NA

Emergency

Police: 911
Medical: 911
Fire: 911

Parking:

Truck
Bus
Car

Schedule:

Load in time: TBA
Half hour: TBA
Curtain Time: TBA
End of Strike: TBA

AUDITORIUM INFO

Contact Person: Woody Moore
Phone: (864) 656-1479
Email: kmoore2@clemson.edu

Auditorium information:

Seating:

Orchestra - 533

Loge - 169

Balcony - 281

Total - 983

Washrooms: Located in the lobby.

Wheelchair access: Yes

Box Office: Located near the front entrance.

Phone: (864)656-7787

Location: Lobby

SPACE SPECIFICATIONS

Contact Person:

Phone: Woody Moore

Email: kmoore2@clemson.edu

Stage:

Proscenium: 55' 2 1/2" W x 26' 11 3/4" H

Fore Stage

Plaster Line to D.S. Edge of Apron: 14' 2" from deepest point with orchestra pit up, 6' 8" with orchestra pit down

Width: 60' 10"

Shape: D shaped

Stage

Plaster Line to back wall: 35' 10"

Width: 78'

Center line to S.L.: 37'

Center line to S.R.: 41'

Wing Space

S.L.

Edge of Proscenium to wall: 10'

Working Height: 21' 6"

S.R.

Edge of Proscenium to wall: 13'

Working Height: 21' 10"

Traps: NONE

Orchestra Pit:

Number of musicians ?

Number of music stands: 50

Number of music stand lights inventory: 39

Pit dimensions

Length – 16' - 6" at deepest

Width – 55' - 6"

Depth – 12'

Total Area – kinda small

Stage floor opening – 7' 5" X 43' 2"

Time of rise and lower: 7 min. from top to bottom

Fly System/Rigging:

Operating Position: Stage Left on the stage floor

Type: Single Purchase t-track

Loading Rail access: Via stairs down stage left to the mid-point then a ladder up to the rail.

Pin Rail: The Brooks Center does not have a pin rail.

Stage Floor to Grid:

Counterweight System

Number of Sets 40

Available Sets 11

Length of Pipe 64'

Maximum Flying Travel: 58' - 9"

Maximum Flying Height: 61' - 6"

Weights

Full bricks (2") = 27lbs.

Half bricks (1") = 14lbs

Total stock weight = 9,000 lbs on loading gallery
14,000 lbs on the floor

No hemp spot line loft blocks are available for the grid

Lineset schedule

Batten	Function	(Your Show goods)	Distance from Plasterline	weight in lbs	House Curtain Size
0	Fire Curtain	Not Moveable			30' x 58'
1	Act Curtain	Not Moveable	1'-5"		2 @ 32' x 31'
2	1st Border		1'-11"		16' x 64'
3	1st Legs		2'-5"		2 @ 30' x 20'
4			3'-5"		
5	1st Electric	Not Moveable	4'-5"		
6	Orchestra Shell Ceiling	Not Moveable	5'-5"		
7			6'-5"		
8	2nd Border		7'-5"	75	8' x 64'
9	2nd Electric		8'-5"		
10	2nd Legs		9'-6"	100	4 @ 34' x 8'
11			10'-6"		
12	Orchestra Shell Ceiling	Not Moveable	11'-6"		
13			12'-0"		
14	3rd Border		13'-6"	75	8' x 64'
15	3rd Electric	Not Moveable	14'-6"		
16			15'-6"		
17	4th Border		16'-6"	75	8' x 64'
18	Orchestra Shell Ceiling	Not Moveable	17'-6"		
19	Mid-Stage Black Traveler	Not Moveable	18'-6"		2 @ 34' x 34'
20			19'-6"		
21	4th Electric	Not Moveable	20'-6"		
22			21'-6"		
23			22'-6"		
24	Orchestra Shell Ceiling	Not Moveable	23'-6"		
25	5th Border		24'-6"	75	8' x 64'
26	5th Legs		25'-6"	100	4 @ 34' x 8'
27	5th Electric	Not Moveable	26'-6"		
28			27'-6"		
29			28'-6"		
30	Orchestra Shell Ceiling	Not Moveable	29'-6"		
31	6th Border		30'-6"	75	8' x 64'
32	Up Stage Black traveler	Not Moveable	31'-6"		2 @ 24' x 34'
33	6th Electric	Not Moveable	33'-0"		
34	Cyclorama		33'-6"		30' x 64'
35			34'-6"		
36	Orchestra Shell Ceiling	Not Moveable	35'-6"		
37			36'-0"		
38			36'-6"		
39	Stage Right Tab	Not Moveable			
40	Stage Left Tab	Not Moveable			

Stage Drapes:

ITEM	NUMBER	FABRIC	WIDTH	LENGTH	LOCATION
LEGS	15	Black velour	8'	34'	2 sets of 4 hanging 7 hampered
BORDERS	6	Black velour	64'	8'	5 hanging 1 hanpered
MAIN DRAPE	1	Red velour	2 @ 32'	31'	Lineset 1
FIRST BORDER	1	Black velour	64'	16'	Lineset 2
FIRST LEGS	1 set	Black velour	20'	30'	Lineset 3
CYC	1	White seamless	64'	30'	Lineset 34
MID-STAGE TRAVELER	1 consisting of two pieces	Black velour	34'	34'	Lineset 19
UP-STAGE TRAVELER	1 consisting of two pieces	Black velour	34'	24'	Lineset 32
SCRIM	1	Black sharks tooth	30'	64'	Hampered
Blackout	1 consisting of two pieces	Black velour	30'	34'	Lineset 35

Load-In

Loading dock: 23'-0" wide, 3'7 1/2" high. The loading dock is uncovered with no height restriction.

Loading door size: 10' wide, 9'-10" high

Distance from stage: 20'

If your truck is lower than dock height and you want to use a ramp you'll need to unload in the parking lot and push down the sidewalk.

Other or Miscellaneous:

Pianos: 1 Steinway & Sons (other grand pianos and uprights available upon request)

Ladders: 6', 8', and 12' stepladders

Lifts: 1 Genie Lift (max. platform height 19')

1 Handy Herman personnel lift (max. platform height 24')

LIGHTING AND ELECTRICS

Contact Person: Tony Penna
Phone: (864) 656-6961
Email: tpenna@clemson.edu

Booth location: Back of house, adjoining the sound booth

Auxiliary Power:

Location: down stage right
Type: 100 A, 200 A, 400 A / three phase/ 120/208
Connector Type: bare tails

DMX Locations: Booth and stage right are hardwired DMX 512. ETC Net 2 net taps are located on the four corners of the stage, on each electric, each FOH position, the follow spot position, the box boom positions, and there are two that can be dropped from the grid.

Each net tap allows any two of the 64 EDMX universes; however the house lighting console is only capable of controlling 3 universes (DMX 512).

Console: ETC Expression 3 (800 channels)

Manual and offline software available at:

<http://www.etcconnect.com/product.overview.asp?ID=20010>

Remote focus unit: ETC's Radio Remote Focus Unit (wireless) or ETC Remote Focus Unit (wired)

Dimmers:

351 2.4kW dimmers, 15 20A nondim circuits, and 20 house light dimmers
All dimmers are controlled via DMX 512 or ETC Net 2.

Patch:

All dimmers are one dimmer per circuit.

House Light:

House lights are controlled via unison control stations located downstage right and in the Booth, or house lights can be controlled via the lighting console (recommended).

Work Lights:

Control for the florescent work lights is located downstage right only, the control for the scoops are located on the LCD panel downstage right and in the booth.

Circuit Schedule

1 st Cat	1 thru 28	5 th Electric	249 thru 288
2 nd Cat	29 thru 68	5 th Electric (Cyclight Circuits)	289 thru 303
Follow Spot	75 thru 78	6 th Electric (drop boxes)	304 thru 315
Box Boom UHR	83 thru 94	USL Wall Box	352 thru 360
Box Boom LHR	79 thru 82	USR Wall Box	361 thru 369
Box Boom UHL	99 thru 110	DSL Drop Box	316 thru 321
Box Boom LHL	95 thru 98	DSR Drop Box	322 thru 327
1 st Electric	111 thru 150	SL Drop Box	328 thru 333
2 nd Electric (drop boxes)	151 thru 168	SR Drop Box	334 thru 339
3 rd Electric	169 thru 208	USL Drop Box	340 thru 345
4 th Electric	209 thru 248	USR Drop Box	346 thru 351

Non-dim Circuits

Non Dim 1	FOH 1	370	Non Dim 9	1 st Electric	378
Non Dim 2	FOH 1	371	Non Dim 10	1 st Electric	379
Non Dim 3	FOH 2	372	Non Dim 11	3rd Electric	380
Non Dim 4	FOH 2	373	Non Dim 12	3rd Electric	381
Non Dim 5	HR Boxboom	374	Non Dim 13	4th Electric	382
Non Dim 6	HR Boxboom	375	Non Dim 14	4th Electric	383
Non Dim 7	HL Boxboom	376	Non Dim 15	5th Electric	384
Non Dim 8	HL Boxboom	377			

House Lights

Balcony Under Spot	385	House Center Sconces	395
Balcony Hallways	386	House Right Sconces	396
Balcony Sconces Left	387	Down Lights 1	397
Balcony Sconces Right	388	Down Lights 2	398
Lower Level Hallways	389	Down Lights 3	399
Rope Light Bottom	390	Down Lights 4	400
Rope light Top	391	Down Lights 5	401
House Left Box Sconces	392	Down Lights 6	402
Entrance Down Lights	393	Down Lights 7	403
House Left Sconces	394	Down Lights 8	404

Lighting Inventory:

Unit	Manufacturer	Quantity	Quantity Available	Lamp	Color frame size	Gobo Size
8" Fresnel	Altman	16	16	BVT 1000W	10"	NA
3 cell Ground Cyc	Altman	8	8	FCM 1000W		NA
PARnel	ETC	32	32	HPL 750W	7.5 x 7.5	NA
Source 4 ERS body	ETC	92	92	HPL 575W	NA	A or B
Source 4 ERS 19 lens	ETC	30	30	NA	6.25 x6.25	NA
Source 4 ERS 26 lens	ETC	50	50	NA	6.25 x6.25	NA
Source 4 ERS 36 lens	ETC	50	50	NA	6.25 x6.25	NA
Source 4 ERS 50 lens	ETC	14	14	NA	6.25 x6.25	NA
Source 4 ERS Zoom 15 to 30'	ETC	30	30	HPL 575W	7.5 x7.5	A or B
Source 4 Jr. ERS Zoom 25 to 50'	ETC	32	32	HPL 575W	6.25 x6.25	M
PAR 64	L&E	47	47	FFP or FFR 1000W	10"	NA
Mini-Strip	L&E	30	30	EYC		NA

Note: There are 92 Source 4 Bodies for 144 lenses.

Accessories:

Barndoors: 35 – 10”
11 – 7.5”

Top Hats:

32 @ 6" frame size x 4.5" tall
65 @ 7.5" frame size x 6" tall
39 @ 10 frame size x 8" tall

Eye Lashes: None

Half Hats: None

Color Extenders: None

Gobo Holders

Source 4 "A": 27
Source 4 "B": 42
Source 4 Jr. "M": 9

Side Arms: 25 @ 12"
Ladders – 2 @ 2' wide and 6' tall, on 2' centers
Boom Bases – 8 50 lbs square
Boom Pipe: 8 @ 12', 4 @ 16', 1 @ 8'5"
Scenery Bumpers - 4

2P&G Cable Available: We have plenty of cable in the following lengths: 5', 10', 15',
25', 50', and 100' Please call if worried.

Twofers: 25

3fers: 30

Adapters: 7 Female 2P&G to Edison, 15 male 2P&G to Edison.

DMX Cable:	<u>4-pin</u>	<u>5-pin</u>
	10' – 6	5' – 1
	25' – 15	10' - 11
	50' – 4	25' - 3
		50' - 2
		100' - 2

DMX Splitters: none

Ladders/Lifts: 1 – 6', 1 – 8', 1 - 12', 1 – single man lift with 30' working height, and one
scissor lift 19' working height.

Running Lights: 32

Projector: 1 Sanyo 10K

Sound

Contact Person: Woody Moore
Phone: (864) 656-1479
Email: kmoore2@clemson.edu

Booth Location: Mix position is located House Left of Center in the rear of orchestra center section of the house

Console: DiGiCo D1 Live
Manual available at <http://www.digico.org/DiGiCo-05/downloads.htm>

Patch: The DiGiCo D1 is a digital console with remote preamplifier racks connected via MADI. On stage right there are 48 microphone inputs and 8 tube preamp inputs. There are also 32 microphone inputs located in the sound booth. If using the analog microphone lines in the house they will be patched in to the console using the patch bays in the booth.

Amplifiers: None, all loudspeakers are powered.

Speaker Cabinets: 1 Meyer Galileo 616 Digital System Processor controls the house sound system. Under no circumstances will the equalization, delay, gain, routing, panning, or phase be changed in the DSP. Any changes needed, can be accomplished in the console's processing channels.

- 10 Meyer M'elodie array left
- 10 Meyer M'elodie array right
- 4 Meyer CQ1 Cluster Center with 3 UPJ Balcony fills
- 4 Meyer M1D Front Fills
- 4 Meyer 700HP Subwoofers
- 8 Meyer UM-1P foldback Monitors (not connected to the house DSP)

Equalization: All loudspeakers are tuned to the room as to accurately reproduce source signal. If other equalization is required, either the on board 31 band graphic on the D1, or an external 31 band graphic may be used.

- 1 XTA GQ600
- 4 Ashly GQX-3102

Processors:

- 1 Yamaha REV500 Digital Reverberator
- 1 Yamaha SPX 2000 Digital Reverberator
- 1 T.C. Electronic D TWO Multitap Rhythm Delay

Compression: Each channel on the DiGiCo D1 provides a compressor. We also have outboard compressors:

- 1 BSS DPR 402 Compressor/Limiter/De-esser

2 Drawmer DL 441 Quad Compressor/Limiter

Microphones:

- (2) [AKG C414 B-ULS](#)
- (2) [AKG C480B com B-ULS 16](#)
- (1) [AKG D112](#)
- (3) [AKG C100B](#)
- (1) [Audix D1](#)
- (2) [Audix D2](#)
- (1) [Audix D4](#)
- (1) [Audix D6](#)
- (3) [Audix I5](#)
- (4) [Audix M1290-CV](#)
- (5) [Crown PCC-160](#)
- (8) [Crown CM-700](#)
- (1) [Earthworks M30](#)
- (2) [Neumann KM 130](#)
- (2) [Sennheiser ME 36](#)
- (2) [Sennheiser MKH 40](#)
- (1) [Neumann KM184](#)
- (1) [Earthworks FM500](#) Podium Microphone
- (1) [Earthworks FM720](#) Podium Microphone
- (7) [Shure SM 57](#)
- (9) [Shure SM 58](#)
- (1) [Shure Beta 58](#)
- (3) [Shure SM 94](#)
- (8) [Senneiser MKE2EW](#) Omni- Lavaier
- (1) [Senneiser SKM935G2](#) (UHF Handheld)
- (5) [Senneiser SKM535G2](#) (UHF Handheld)

CD player:

- 1 Marantz PMD 340 CD player
- 1 Sony CDR-W66 CD writer
- 1 Denon DN-T625 CD/Cassette Combo

Cassette Player:

- 1 Denon DN-T625 CD/ Cassette Combo

Mini Disk Player: None.

DAT: None

Open Face Reel: None

Computer/Digital Playback: None

System Wiring: Please see note about patch.

Monitor outputs: Are located on the four corners of the stage, DSL, DSR, USR, and USL.

Microphone inputs: Are located mainly on stage right with limited analog inputs in various locations on stage. One 24 x 4 and one 12 x 4 audio snake are available.

Microphone inputs are also located in the booth and at the mix position. Line

Level Jack: Are located stage right, in the sound booth, and at the mix position.

Cable: XLR

5'	11
10'	7
15'	7
25'	25
30'	16
50'	7
100'	4

Adapters: Various

Intercom Communication:

<u>Location</u>	<u>Manufacture</u>	<u>Model</u>	<u>Amount</u>
Sound Mix Position	Clearcom	FL-1 Call Signal Flasher	1
	Clearcom	501 Single Channel	1
	Switchcraft	Telephone Headset	1
	Clearcom	MR-202 Remote Station	1
	Telex	Headset	1
Lightbooth	Clearcom	MR-202 Remote Station	1
	Telex	PH-88 Headphones	1
Stage Mgr. Position (booth)	Clearcom	MS-440 4-channel Main Station	1
	Telex	Headset	1
Stage Right	Telex	Headset	2
	Clearcom	MS-400A Main Station	1
Stage Right Column	Clearcom	501 Single Channel	1
		25' XLR cable	1
	Telex	Headset	1
Stage Left	Clearcom	501 Single Channel	1
	Telex	Headset	1
		25' XLR Cable	1
Sound Box Stage Right	Telex	Headset	4

	Clearcom	501 Single Channel	2
	Clearcom	502 2-Channel	1
	Clearcom	MR-202 Remote Station	2
	Clearcom	PS-22 Power Source	1
Spot Gallery	Clearcom	501 Single Channel	2
	Clearcom	Headset	2
		25' XLR Cable	2

Matrix (1) Clear-Com MX-840 Addresses All 59 stations located throughout facility

Stage Monitor

Audio: Program feed through Clear-Com

Video:5 (Lobby, SL, SR, Green room, and directly outside theatre doors)

Dressing Rooms

Contact Person: Woody Moore
Phone: (864) 656-1479
Email: kmoore2@clemson.edu

NAME	LOCATION	OCCUPANCY	ACCOMODATIONS
1	Basement	12 to 14	12 mirrors, shower, racks, and 2 sinks
2	Basement	12 to 14	12 mirrors, shower, racks, and 2 sinks
3	Basement	4 to 6	3 mirrors, shower, racks, and sink
4	Basement	4 to 6	3 mirrors, shower, racks, and sink
5	Basement	1 to 2	1 mirror, rack, and shares a bathroom and shower with 6
6	Basement	1 to 2	1 mirror, rack, and shares a bathroom and shower with 5

Costume load in access

Iron and ironing board available in Wardrobe room (Basement)

Sewing machine and notions available in Costume Shop (2nd Floor)

Laundry: 1 super size Washer and Dryer in Wardrobe (Basement)

Costume Racks: 6-castered

Changing Booths: 0

HOSPITALITY

Contact Person: Chelsea Mylett
Phone: (864) 656-1479
Email: cmylett@clemson.edu

First Aid: SR, Shop, Box Office, room 109

Greenroom: Directly across from SR theatre door

Vending Machines: Outside SR theatre door

Backstage washrooms: Between theatre and green room

Hotels:

<http://maps.google.com/maps?hl=en&q=hotels&near=Clemson,+SC&fb=1&view=map&cd=1&ie=UTF8&z=13&om=1>

Sleep Inn

1303 Tiger Blvd., Clemson, SC 29631 - (864) 653-6000

James F Martin Inn

120 Madren Center Dr, Clemson, SC 29631 - (864) 654-9020

Ramada Inn

P.O. Box 1706, 1310 Tiger Blvd, Clemson, SC 29633 - (864) 654-0639

Hampton Inn

851 Tiger Boulevard, Clemson, SC 29631 - (864) 653-7744

Comfort Inn

1305 Us-123, Clemson, SC 29631 - (864) 653-3600

Lake Hartwell Inn At Clemson

894 Tiger Blvd, Clemson, SC 29631 - (864) 654-4450

Days Inn of Clemson

1387 Tiger Blvd., Clemson, SC 29631 - (864) 653-4411

Clemson Motel

835 Old Greenville Hwy, Clemson, SC 29631 - (864) 654-2744

Clemson Suites

106 Liberty Dr, Clemson, SC 29631 - (864) 654-4605

Car Rentals:

<http://maps.google.com/maps?hl=en&q=car+rentals&near=Clemson,+SC&fb=1&cid=0,0.5857692020095934514&ie=UTF8&ll=34.690974,-82.829189&spn=0.004199,0.007231&z=17&iwloc=A&om=1>

Enterprise Rent A Car
1310 Tiger Blvd, Clemson, SC
(864) 653-5542

CONSIDERATIONS AND RULES

Lighting

Shutters should be allowed to be changed but must be restored at strike.

As many specials as possible should be included in plot and allowed to be focused as needed.

Re-circuiting should not be allowed.

Color Frames should be available on deck, not in instruments.

Running lights in place and extras available.

All equipment should be labeled.

Channel check should be completed after each load out to insure focus and proper operation.

Programmer should be available for board op.

Off line software should be encouraged.

Fly System

Qualified personnel should be assigned to use or supervise at all times.

Mark Rep hangs for Drapes (dist from cl)

Hampers and/or storage of drapes removed by participants?

Drapes restored as part of strike.

Stage Deck

May deck be attached to?

Glow tape edge of stage prior to festival.

Sound

Headsets in place

Qualified personnel to handle/protect house system and patch additional equipment.

Costumes

Restoration of dressing rooms as part of strike.

Basic sewing materials available for emergencies.

Front of House

Willingness to hold house for technical issues.

Seat kills for production use or control equipment must be communicated in advance.

Decorations or signs will not be placed in any rooms, hallways, lobbies or theaters without the permission of management. Expenses for any damages incurred by the violation of this rule will be paid by the party responsible for the damage.

The visiting company will not obstruct any portion of the entries, hallways, elevators, stairs or other egress from buildings including access to all building utilities.

The visiting company will not permit smoking in any theater or in control rooms at any time. Smoking on stage is only permitted as part of a performance.

Animals (other than seeing eye/assist dogs) will not be allowed in buildings for any reason other than for use in a production or related promotional event.

It is recommended that valuables be collected by the visiting company's Stage Manager prior to the performance and kept until the performance is completed

ALL USE OF FLAME, SMOKE EFFECTS AND PYROTECHNICS MUST BE APPROVED IN ADVANCE BY HOUSE PERSONNEL. If permits are required for any use of flame or pyrotechnic effects, the visiting company must be prepared to meet the local regulations. The host reserves the right to limit or prohibit the use of effects which may constitute a hazard to patrons, employees or the facilities.

The use of any special effects which may affect audience comfort or safety (such as the use of strobe lights) must be communicated in advance of load in.