



Halloween Sound Equipment List

Venue:
 Historic Mitchell County Courthouse
 11 North Mitchell Avenue
 Bakersville, NC 28705

Make	Model	Qty.	Purpose	Description	Location
Speakers					
d&b	E12-D	5	Mains and Outfills	Minimum 90°x50° dispersion, 125 dbSPL @ 1 meter, Frequency response 60 Hz - 18kHz	Second Floor
d&B	E6	6	Frontfills and Surrounds	Minimum 100°x50° dispersion, 114 dbSPL @ 1 meter, Frequency response 100 Hz - 18k Hz	First Floor/FOH
d&b	B4	4	Subwoofers	Minimum 125 dB SPL @ 1 meter, Frequency response 45 Hz - 100 Hz	First Floor/FOH
Fostex	6301	2	Tech table monitor	Integrated volume control preferred	FOH

Amps					
d&b	D20	5	Amplifiers	Sufficient to drive the loudspeakers, with a discrete amplifier channel for each speaker; Not in any 'tour rack' type configurations	2x @ Second Floor, 1x @ First Floor (Inside), 2x @ FOH

DSP					
d&b	DS10	2	Dante to AES3 Converter	A dante enabled audio interface, allowing us to get signal to amps over a network, rather than XLR	1x @ Second Floor, 1x @ 1st Floor (Inside)

Networking					
	Gigabit Switch	2		Minimum 8 ports, POE not necessary	1x @ FOH, 1x @ First Floor (Inside)
	Wireless Router	1			FOH



Halloween Sound Equipment List

Venue:
 Historic Mitchell County Courthouse
 11 North Mitchell Avenue
 Bakersville, NC 28705

Make	Model	Qty.	Purpose	Description	Location
Wireless					
Shure	ULXD-D	1	2 Channel Wireless microphone receiver		FOH
	Antenna	2	Antenna for mic receiver	'Whip' style antennas acceptable	FOH
Shure	ULXD2/SM58	2	Wireless handheld transmitter		FOH
	Batteries	8	AA or rechargeable batteries for the handhelds; if rechargeable, please include the charger		FOH

Speaker accessories					
	Speaker Stands	7	Speaker stand for each of the 5 mains and 2 inside surrounds	Will need 9 if sub pole stands are not available	5x @ Second Floor, 2x @ FOH
d&b	Z5352 E12 Flying Bracket	5	Attaches to the E12s (mains) to be able to adjust the angle of the speaker	Lets us tilt the E12s speaker to the desired angle (they'll be shooting from a higher plane than the audience); Include required bolts/hardware	Second Floor
d&b	Z5024 Loudspeaker stand adapter	5	Mounts the brackets to a standard speaker stand	Include required bolts/hardware	Second Floor
d&b	Z5013 Loudspeaker Stand Winder	2	Allows the outside surrounds to be mounted on top of the sub, saving space		FOH
	Plywood/something for the subs to sit on	2	Separates the sub from the grass	2 of the subs will be sitting on a lawn in front of the building; this is to keep the subs from sinking into the grass	First Floor

Prepared by: Matthew Kupferer
 657.242.6847
 kupferer.m@artist.unca.edu



Halloween Sound Equipment List

Venue:
 Historic Mitchell County Courthouse
 11 North Mitchell Avenue
 Bakersville, NC 28705

Make	Model	Qty.	Purpose	Description	Location
Speaker accessories (Continued)					
	Foam for the front fills on top of the subs	2	Separate the front fills from the subs so they don't vibrate off		First Floor
	Tarps/Weather Proofing		Coverings for the equipment in case of unexpected adverse weather		First Floor

Cables					
	100' NL8	1	First floor amplifier to frontfills and front subs		First Floor
	NL8 to NL2 breakout	1			First Floor
	100' NL2	1	Second floor amplifier -> Outfill Left	All NL2 cables listed can be either NL2 or NL4	Second Floor
	50' NL2	9	Second floor amplifier -> Main Left, Main Center, outfill Right; FOH Amplifiers to surrounds/subs		3x @ Second Floor, 6x @ FOH
	25' NL2	5	NL8 breakout -> Frontfills/front subs; Second floor amp -> Main Right; FOH amp -> Rear Surround Center Right		1x @ Second Floor, 4x @ First Floor
	200' Cat5e	1	Connect FOH switch and courthouse switch	All cat cable minimum Cat5e; Cat6 and higher acceptable	FOH -> First Floor
	100' Cat5e	1	Connects First and Second floor Dante interfaces		First Floor -> Second Floor
	10' Cat5e	6	For various devices at FOH to connect to the network		FOH -> First Floor

Prepared by: Matthew Kupferer
 657.242.6847
 kupferer.m@artist.unca.edu



Halloween Sound Equipment List

Venue:
 Historic Mitchell County Courthouse
 11 North Mitchell Avenue
 Bakersville, NC 28705

Make	Model	Qty.	Purpose	Description	Location
Cables (Continued)					
	Jumper Cat5e	6	Connecting amps to DS10s/Switches		2x @ Second Floor, 2x @ First Floor, 2x @ FOH
	50' XLR	3	Connecting to the Fostex Speakers, and into a media server		FOH
	10' XLR	2	Connecting the Microphone receivers to the Q-SYS core		FOH
	5' XLR	15	Connecting DS10 AES outputs to amplifiers, and Q-SYS core to amplifier	Short multichannel cable ('snake') also acceptable for FOH	5x @ Second Floor, 4x @ First Floor (Inside), 6x @ FOH

Power					
	Power conditioner	4	Rack mount or otherwise; needed for 2 separate circuits in the courthouse, and then 2 circuits at FOH	The two at FOH should be able to accommodate at least 4 devices each	1x @ Second Floor, 1x @ First Floor (Inside), 2x @ FOH
	Table power strip	2	Small power strip for devices at tech table		FOH
	10' Edison power cable	4x	Extensions for each circuit location		1x @ Second Floor, 1x @ First Floor (Inside), 2x @ FOH
	PSUs/IECs/Powercon as needed		All power cabling appropriate for each device to connect it to standard 15A/120V Edison outlets	DS10s, amplifiers, switch PSUs, etc.	



Halloween Sound Equipment List

Venue:
 Historic Mitchell County Courthouse
 11 North Mitchell Avenue
 Bakersville, NC 28705

Make	Model	Qty.	Purpose	Description	Location
Misc					
	1/8" TRS to 2x XLR M	1	For auxiliary music input		FOH
	Cable Ramps		Enough to cover 52 feet of a street; would need to support up to a semi-truck		FOH

Consumables					
	Gaff Tape	3			
	E-Tape	2			
	Board tape	1			