

Addams Family

New Generation Theatrical

Sound Designer: Casey Deiter

Last Revised 1/16/23

Inputs

<u>Channel</u>	<u>Name</u>	<u>Mixer</u>	<u>Subsnake</u>	<u>Device</u>	<u>Socket</u>	<u>Bus assignment</u>
1	Kick in	QL5	SR Snake 1	RIO 1	1	Band L + R
2	Kick Out	QL5	SR Snake 2	RIO 1	2	Band L + R
3	Snare Top	QL5	SR Snake 3	RIO 1	3	Band L + R
4	Snare Bottom	QL5	SR Snake 4	RIO 1	4	Band L + R
5	OH L	QL5	SR Snake 5	RIO 1	5	Band L + R
6	OH R	QL5	SR Snake 6	RIO 1	6	Band L + R
7	Octo L	QL5	SR Snake 7	RIO 1	7	Band L + R
8	Octo R	QL5	SR Snake 8	RIO 1	8	Band L + R
9	Drums Spare	QL5	N/A	RIO 1	9	Band L + R
10	Drums Spare	QL5	N/A	RIO 1	10	Band L + R
11	Bass	QL5	N/A	RIO 1	11	Band L + R
12	Bass Spare	QL5	N/A	RIO 1	12	Band L + R
13	Keys 1 L	QL5	N/A	RIO 1	13	Band L + R
14	Keys 1 R	QL5	N/A	RIO 1	14	Band L + R
15	Keys 2 L	QL5	N/A	RIO 1	15	Band L + R
16	Keys 2 R	QL5	N/A	RIO 1	16	Band L + R
17	Reeds 1	QL5	N/A	RIO 1	17	Band L + R
18	Reeds 2	QL5	N/A	RIO 1	18	Band L + R
19	Trombone	QL5	N/A	RIO 1	19	Band L + R
20	Trumpet	QL5	N/A	RIO 1	20	Band L + R
21	Guitar 1	QL5	N/A	RIO 1	21	Band L + R
22	Guitar 2	QL5	N/A	RIO 1	22	Band L + R
23	Band Spare	QL5	N/A	RIO 1	23	Band L + R
24	Band Spare	QL5	N/A	RIO 1	24	Band L + R
25	Band Spare	QL5	N/A	RIO 1	25	Band L + R
26	Wednesday	QL5	N/A	ULXD4Q 1	Dante 28	
27	Pugsley	QL5	N/A	ULXD4Q 1	Dante 29	
28	Morticia	QL5	N/A	ULXD4Q 1	Dante 30	
29	Mal	QL5	N/A	ULXD4Q 1	Dante 31	
30	Lurch	QL5	N/A	ULXD4Q 2	Dante 32	
31	Lucas	QL5	N/A	ULXD4Q 2	Dante 33	

32	Grandma	QL5	N/A	ULXD4Q 2	Dante 34		
33	Gomez	QL5	N/A	ULXD4Q 2	Dante 35		
34	Fester	QL5	N/A	ULXD4Q 3	Dante 36		
35	Olivia	QL5	N/A	ULXD4Q 3	Dante 37		
36	Jake	QL5	N/A	ULXD4Q 3	Dante 38		
37	Ancestor U/s Morticia	QL5	N/A	ULXD4Q 3	Dante 39		
38	Russel	QL5	N/A	ULXD4Q 4	Dante 40		
39	Easton	QL5	N/A	ULXD4Q 4	Dante 41		
40	Rachel	QL5	N/A	ULXD4Q 4	Dante 42		
41	Zeshan	QL5	N/A	ULXD4Q 4	Dante 43		
42	Starr	QL5	N/A	ULXD4Q 5	Dante 44		
43	Samantha	QL5	N/A	ULXD4Q 5	Dante 45		
44	Chris	QL5	N/A	ULXD4Q 5	Dante 46		
45	Katheryn	QL5	N/A	ULXD4Q 5	Dante 47		
46	RF 21	QL5	N/A	ULXD4Q 6	Dante 48		
47	RF 22	QL5	N/A	ULXD4Q 6	Dante 49		
48	RF 23	QL5	N/A	ULXD4Q 6	Dante 50		
49	RF 24	QL5	N/A	ULXD4Q 6	Dante 51		
50	Qlab 1	QL5	N/A	DVS		Matrix 1	
51	Qlab 2	QL5	N/A	DVS		Matrix 2	
52	Qlab 3	QL5	N/A	DVS		Matrix 3	
53	Qlab 4	QL5	N/A	DVS		Matrix 4	
54	Qlab 5	QL5	N/A	DVS		Matrix 5	
55	Qlab 6	QL5	N/A	DVS		Matrix 6	
56	Qlab 7	QL5	N/A	DVS		Matrix 7	
57	Qlab 8	QL5	N/A	DVS		Matrix 8	
58	D GOD	QL5	N/A	ULXD4Q 6		Everywhere	
59	SM GOD	QL5	N/A	ULXD4Q 6		Everywhere	
60	Ambient Mic 1	QL5	N/A				
61	Ambient Mic 2	QL5	N/A				
62	Spare	QL5	N/A				
63	iPod L	QL5	N/A	CL3	Omni in 1		
64	iPod R	QL5	N/A	CL3	Omni in 2		
Ret 1L	Vox Verb L	QL5	N/A	CL3		Master	
Ret 1R	Vox Verb R	QL5	N/A	CL3		Master	
Ret 2L	Band Verb L	QL5	N/A	CL3		Master	
Ret 2R	Band Verb R	QL5	N/A	CL3		Master	
TB in	Talkback	QL5	N/A	CL3	TB in	Everywhere	

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Last Revised 1/24/23

RF Mic Plot

<u>Body pack</u>	<u>Character</u>	<u>Actor</u>	<u>Mic style</u>	<u>Element</u>	<u>Color</u>	<u>Receiver</u>	<u>Input Patch</u>	<u>QL5 Channel</u>
1	Wednesday	Esmeralda Nazario	Headset	DPA 4066	Beige	1-1	Dante 17	24
2	Pugsley	Marlo Coffin	Headset	DPA 4066	Beige	1-2	Dante 18	25
3	Morticia	Alejandra Martinez	Headset	DPA 4066	Beige	1-3	Dante 19	26
4	Mal	Robert Hanford	Headset	DPA 4066	Beige	1-4	Dante 20	27
5	Lurch	Austin Plamer	Headset	DPA 4066	Beige	2-1	Dante 21	28
6	Lucas	Brett Sheilds	Headset	DPA 4066	Beige	2-2	Dante 22	29
7	Grandma	Taty Arroyo	Headset	DPA 4066	Brown	2-3	Dante 23	30
8	Gomez	Fredy Ruiz	Headset	DPA 4066	Beige	2-4	Dante 24	31
9	Fester	Ronnie Gross Jr	Headset	DPA 4066	Beige	3-1	Dante 25	32
10	Olivia	Olivia LeBarge	Headset	DPA 4066	Beige	3-2	Dante 26	33
11	Jake	Jake Aboyoun	Headset	DPA 4066	Beige	3-3	Dante 27	34
12	Ancestor U/s Morticia	TBD	Headset	DPA 4066	Beige	3-4	Dante 28	35
13	Russel	Russel Stephens	Headset	DPA 4066	Beige	4-1	Dante 29	36
14	Easton	Easton Curtis	Headset	DPA 4066	Beige	4-2	Dante 30	37
15	Rachel	Rachel Ihasz	Headset	DPA 4066	Beige	4-3	Dante 31	38
16	Zeshan	Zeshan Khan	Headset	DPA 4066	Beige	4-4	Dante 32	39
17	Starr	Starr Needle	Headset	DPA 4066	Beige	5-1	Dante 33	40
18	Samantha	Samantha DiCarlo	Headset	DPA 4066	Beige	5-2	Dante 34	41
19	Chris	Chris Payne	Headset	DPA 4066	Brown	5-3	Dante 35	42
20	Katheryn	Katheryn Roberson	Headset	DPA 4066	Beige	5-4	Dante 36	43
21	RF Spare		Headset	DPA 4066		6-1	Dante 37	44
22	RF Spare		Headset	DPA 4066		6-2	Dante 38	45
23	SM God mic		WL Handheld	SM58		6-3	Dante 39	60
24	D God mic		WL Handheld	SM58		6-4	Dante 40	61

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Band Schedule and Input list

<u>Channel</u>	<u>Channel Name</u>	<u>Subsnake</u>	<u>Device</u>	<u>Socket</u>	<u>Input type</u>	<u>Mic/DI type</u>	<u>Deployment</u>
1	Kick in	Drum snake 1	RIO 1		1 Microphone	Audix D6	Inside kick drum, 6" from batter head, offset
2	Kick Out	Drum snake 2	RIO 1		2 Microphone	N/A	short boom stand, Outside kick drum, just inside porthole
3	Snare Top	Drum snake 3	RIO 1		3 Microphone	SM57	Short boom stand, outer edge of snare rim aimed at center
4	Snare Bottom	Drum snake 4	RIO 1		4 Microphone	SM57	Short boom stand, underneath snare drum, aimed at outside egde of snare wires
5	OH L	Drum snake 5	RIO 1		5 Microphone	KSM137	Tall boom stand, 3' above drum kit, aimed directly down at audience left half of kit
6	OH R	Drum snake 6	RIO 1		6 Microphone	KSM 137	Tall boom stand, 3' above drum kit, aimed directly down at audience right half of kit
7	Octo L	Drum snake 7	RIO 1		7 DI	Stereo DI	direct out of octopad L
8	Octo R	Drum snake 8	RIO 1		8 DI	Sterep DI	direct out of octopad R
9	Drums Spare	N/A	RIO 1		9		
10	Drums Spare	N/A	RIO 1		10		
11	Bass	Band snake 1-1	RIO 1		11 DI	Radial Pro 48	Taken post pedal/amp sim processing, placed on the floor by the bassist's music stand
12	Bass Spare	Band snake 1-2	RIO 1		12		
13	Keys 1 L	Band snake 1-3	RIO 1		13 Stereo DI	Radial Pro D2 L	Taken from Macbook (1)'s headphone out L using an 1/8" to stereo 1/4" TS cable
14	Keys 1 R	Band snake 1-4	RIO 1		14 Stereo DI	Radial Pro D2 R	Taken from Macbook (1)'s headphone out R using an 1/8" to stereo 1/4" TS cable
15	Keys 2 L	Band snake 1-5	RIO 1		15 Stereo DI	Radial Pro D2 L	Taken from Macbook (2)'s headphone out L using an 1/8" to stereo 1/4" TS cable
16	Keys 2 R	Band snake 1-6	RIO 1		16 Stereo DI	Radial Pro D2 R	Taken from Macbook (2)'s headphone out R using an 1/8" to stereo 1/4" TS cable
17	Reeds 1	Band snake 1-7	RIO 1		17 Microphone	Sennheiser MKE600	Short boom tripod stand underneath the reeds music stand, aimed upwards at the bell of the clarinet/sax
18	Reeds 2	Band snake 1-8	RIO 1		18 Microphone	Shure KSM137	Boom tripod stand behind the music stand, extended to come from above the musician's head, aimed downwards to their mouth when playing the flute
19	Trombone	Band snake 2-1	RIO 1		19 Microphone	Shure SM57	short boom tripod stand placed on the musicians left side of the music stand, aimed towards the bell of the trombone
20	Trumpet	Band snake 2-2	RIO 1		20 Microphone	Shure SM57	short boom tripod stand placed on the musicians left side of the music stand, aimed towards the bell of the trumpet
21	Guitar 1	Band snake 2-3	RIO 1		21 DI	Radial Pro 48	Taken post pedal/amp sim processing, placed on the floor underneath the musician's stand
22	Guitar 2	Band snake 2-4	RIO 1		22 Microphone	Shure KSM137	short boom tripod stand, TBD, depends on their guitar setup
23	Band Spare	Band snake 2-5	RIO 1		23		
24	Band Spare	Band snake 2-6	RIO 1		24		
25	Band Spare	Band snake 2-7	RIO 1		25		
26	Ambient Mic 1	Band snake 2-8	RIO 1		26 Microphone	Shure Beta 98	Clipped to edge of stage left band pit walls, facing outwards towards audience
27	Ambient Mic 2	N/A	RIO 1		27 Microphone	Shure Beta 98	Clipped to edge of stage right band pit walls, facing outwards towards audience

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Back of house rack

Please refer to the notes sections at the right and bottom of this depiction

Notes

Furman Power conditioner (1)

This power conditioner is to power the ULXD4Q receivers and the antenna distros in this rack

ULXD4Q (1)

ULXD4Q (2)

ULXD4Q (3)

ULXD4Q (4)

Antenna Distro (1)

This antenna distro is to be patched to receivers 1-4 above it, and cascade it's antenna's to antenna distro (2)

ULXD4Q (5)

ULXD4Q (6)

Antenna Distro (2)

This antenna distro is to be patched to receivers 5-6 above it

Power Conditioner

This power conditioner is to power all rack units below it

Shure SBRC (1)

Shure SBRC (2)

Shure SBRC (3)

16-port Network switch

Yamaha Rio 3224

Notes

I'd prefer to have this as one entire rolling rack case, but if this needs to be split up into separate cases, please try to keep all wireless gear in one case. For networking, I'd like all of the ULXD4Q receivers to be patched individually to the network switch via their Dante Primary port. I'd like the Rio to be patched to the switch with both it's Primary and Secondary port. If you have any suggestions on more efficient power solutions for this case, I'm certainly open to that, just let me know. As for antennas, I'm planning on patching 2 paddle antennas into antenna distro (1) via the front antenna connections and using those two for all 6 receivers, which is why I want distro (1) to cascade into distro (2).

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Gear list

Speakers

<u>Item</u>	<u>Quantity</u>	<u>Purpose</u>	<u>Notes</u>
QSC K12.2	8	Mains	
QSC KS118	2	Subs	
QSC K8.2	4	Onstage monitors	
Behringer Eurolive B205D	2	Dressing room and backstage monitors	Will accept comparable small 5-8" powered monitor speaker with integrated mixer
Behringer PM1	10	Band in-ear packs	Will accept comparable wired in-ear packs, does not need to be stereo, if substituted please see the note on AAA batteries in the disposables section

Mixing console/D Snakes

Yamaha CL 3	1	FOH Mixing console	Will also accept CL5, no CL1 or QL5
Yamaha RIO 3224	1	BOH Stage box	Mounted in BOH Rack

Wireless

Shure ULXD4Q G50 Receiver	6	Wireless receivers	Mounted in BOH rack, Please consult with the designer if receiver bands needs to be mixed and matched
Shure UA844 Distro	2	Antenna distribution	Mounted in BOH Rack
Shure SBRC with SBC-AX charging bays	3	Rack-mounted battery charger	Mounted in BOH Rack
Shure UA874 Paddle Antenna	2	RF Antennas	
Shure SB900B	28	Rechargeable batteries	
Shure ULXD1 G50 Body pack	24	Actor body packs	
DPA 4088 Headset w/TA4F term. Beige	22	Actor mics	Will also accept DPA 4066 or alternative double ear DPA headset, no single ear headsets or lavalieres
DPA 4088 Headset w/TA4F term. Brown	6	Actor mics	Please consult with the designer if you have insufficient amounts of specific colors of headsets
Shure ULXD2 SM58 Handheld mic	2	God mics	

Microphones/DIs

Shure KSM 137	4	Reeds, spares	Will also accept Shure SM81 or better pencil condenser
Sennheiser MKE600 Shotgun	1	Reeds	Or comparable shotgun mic
DPA 4099 w/trumpet clip and XLR term.	1	brass	
Radial Pro48 Active DI	4	bass, guitar, spare	
Radial Pro D2 stereo DI	4	keys 1, keys 2, ipod	
Shure SM57	2	guitars, brass	
Shure Beta 98	2	Ambient mic for in ears	Will accept comparable clip-on mic, but something with a clamp-style clip is preferred
Shure SM58-S	1	Talkback, spare	
RTA Mic	1		dbx RTA-M or better

Power			
Furman power conditioner	2		Mounted in BOH rack
Furman 6-outlet power strip	8		Or comparable black surge protector
UPS	1	For FOH tech booth	
25' Edison tri-tap	10		
50' Edison tri-tap	6		
100' Edison tri-tap	10		
Computers			
Macbook - 2016 or forward	3		
iPad - Air 2 or forward	1		
Mic and speaker stands			
Short tripod boom mic stand	2	Band pit	
Tripod boom mic stand	4		
Tripod speaker stand	6	Mains	
M20 speaker pole	2	Mains 2 and 3 on top of subs	I need my top speakers to reach a height of 6-7' when pole-mounted on top of the KS118, whatever poles you carry that gets closest to that is fine
Double-braced keyboard stand	2		
Networking			
Rackmounted 16 port unmanaged network switch	1	BOH Dante switch	Mounted in BOH rack, will accept a larger switch, just no lower than 16 ports
6-port unmanaged network switch	1	FOH Dante switch	Any smaller switch between 4 and 8 ports is fine
Router	1	FOH Network console control	
Comms			
Item	Quantity	Notes	
Clearcom Freespeak II base station	1		
Clear-Com FSII-BP19-X4 Beltpack	6		
Clear-Com AC60 Freespeak II beltpack charger	1		
Clear-Com CC-300 single-ear headset	6		
Clear-Com FSII-TCVR-19 Antenna	2		
Motorola CP200D 2-Way Radio	2		
Motorola Speaker/"Fist" mic	2		
Cable			
Item	Quantity	Notes	
XLR 15'	10		
XLR 25'	25		
XLR 50'	10		
XLR 100'	12		

TRS 10'	6		
TS 25'	2		
1/8" TRS to dual 1/4" TS 10'	3	Mainstage DI, ipod	
Shielded Cat5/6 10'	6		
Shielded Cat5/6 25'	8		
Shielded Cat5/6 50'	2		
Shielded Cat5/6 100'	2	Clear-Com Antennas	
Shielded Cat5/6 200'	2	Dante run from FOH to backstage	
Coaxial antenna cable w/BNC terminations 50'	2	Paddle antennas for wireless	
Whirlwind Mini-12 25'	1	Sub snake for drums	Or comparable 12 channel drop snake, it doesn't need returns
1/4" TRS to XLR Male fan-to-fan 25'	1	Subsnake for drum module	

Disposables

<u>Item</u>	<u>Quantity</u>	<u>Notes</u>	
AAA Batteries	36	Band in-ear packs	If the Behringer PM1's are substituted, please swap this line item with the correct batteries for the in-ear packs that are to be used
AA Batteries	24	Back ups for shure batteries	
Roll of Black Gaff	2		
Roll of White Console tape	1		
Unlubricated condoms	450		
Roll 3M Medical tape	4		
Roll of 3M Transpore tape	2		
Box of alcohol wipes	2		

Musical instruments

Casio Privia 88-Key weighted key keyboard	2		Or comparable 88-key digital keyboard with weighted keys. We're using these as MIDI controllers, not as pianos, so they need to have USB connectivity. Please consult with the designer if there are any questions
Electric piano sustain pedal with 1/4" TS connection	2		

Miscellaneous

Wireless microphone belt	24		Something like these , in a variety of sizes
Wireless microphone pack	24		Like these , Sized for Shure ULXD1 packs

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Additional Gear recommended for purchase

Software

<u>Item</u>	<u>Quantity</u>	<u>price per</u>	<u>Total</u>	<u>URL</u>
Dante Virtual Soundcard	1	49.99	49.99	https://www.audinate.com/products/software/dante-virtual-soundcard
Qlab Audio Pro license rental	1		125	https://qlab.app/shop/
Mainstage License	1	29.99	29.99	https://apps.apple.com/us/app/mainstage/id634159523?mt=12
Theatre Mix License rental	1	8/week for 5 weeks	40	https://theatremix.com/pricing

Other Audio gear

Radial ProAV2	2	219	440	https://www.sweetwater.com/store/detail/ProAV2--radial-proav2-2-channel-passive-a-v-direct-box
Rode M5 matched pair	1	199	199	https://www.sweetwater.com/store/detail/M5MP--rode-m5-matched-pair-compact-condenser-microphones

Miscellaneous

Wireless mic belt	22	8	176	https://www.bhphotovideo.com/c/product/998167-REG/wireless_mic_belts_wmb_belt_36_t_wmb_belt_36_tan.html
Wireless mic belt pouch	22	28	616	https://www.bhphotovideo.com/c/product/1417821-REG/wireless_mic_belts_bp_sh_ulxd_t_belt_pac_for_shure.html
Casio Privia or similar 88-key pian	2			We could either rent something like these from another backline company, or look at getting it loaned from other musicians or theatres.
Keyboard stand	2			
Sustain foot pedal	2			

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Last Revised 1/5/23

Sound Cue Sheet

Cue	Page	Name	Desired Location	Notes
0	0	Preshow	Before house opens	ghoulish graveyard bed, sub and mid drones, occasional whispers, v halloween-y, thunderstorm in the distance
1	0	Preshow out, curtain speech	With house to half	prerecorded curtain speech?
2	0	Church bell opener	After curtain speech, ancestors are in place	This sound will cue the ancestors to start singing
2.5	0	thing box open	visual thing box opens	
3	3	Crossbow shot	With Wednesday's action of shooting the crossbow	
4	3	Explosion	with Pugsley's action of the plunger	Muffled dynamite explosion
5	17	Electric chair start	Visual Wednesday presses the button on the remote	big zap
5.5	17	Chair stop	when wednesday releases the button	
6	17	Chair start	"	
6.5	17	Chair stop	when wednesday releases the button	
7	17	Chair start	"	
7.5	17	Chair stop	when wednesday releases the button	
8	17	Bird	after Wednesday's "and I think I know why-"	Birds tweeting
9	18	Bird snap	with Wednesday's action of breaking the bird	celery snap
10	18	Chair start	Visual Wednesday presses the button on the remote	
10.5	18	Chair stop	wednesday lets go of the remote	
11	19	Chair start	Visual Wednesday presses the button on the remote	
11.5	19	Chair stop	wednesday lets go of the remote	
11.6	19	Zap	After each "Pulled" towards the end of the number, we can chat	
11.7	19	Zap	"	
11.8	19	Zap	"	
11.9	19	Zap	"	
12	30	Thunder, energy	After Fester's "Get!"	Big thunder crack, long lingering rumble, supernatural energy
13	31	Doorbell	As applause starts to die down after One Normal Night	
14	36	Thunder	After Morticia's "He's talk lak dis...Hello, how are you?"	Quick thunder crack
15	45	Switch chair on	with Gomez's action of pulling the big lever	Big kachunk, electric chair powers up
16	45	chair off	With Gomez's action of turning the chair off	smaller kachunk
17	55	Big thunder	After Gomez " ...if I am keeping anything from you now."	Big thunder clap
18	62	Dinner/Funeral bell	As applause dies down after What If	church/funeral bell
19	74	Energy hum	With Fester's action of freezing the action	slowmo warp down, low energy pulses/drone, supernatural, loops until q20
20	74	Weather chaos	After Fester's "Ok dead people, gimme some weather!"	Big thunder, wind, rattling windows, eath moving, stop energy hum
21	75	Stop storm	With Lurch closing the gates/front door	Last thunder, everything stops
22	75	Loud thunder, end act 1	With lights out on Act 1	
23	75	Intermission	With house lights up into intermission	New york cityscape
24	76	Intermission out	With house lights out after intermission	slow fade out
25	87	Crickets, crossfade to cityscape	After Female Ancestors last "AHH" before applause	nighttime crickets fade up, crossfade into cityscape which loops
26	88	dim city	As Gomez enters	
27	89	fade cityscape	After Gomez "Right and wrong"	slow fade out during music
28	96	Crossbow and slowmo	After Lucas "Ready" with Wednesday's action	big crossbow shot, slowmo loop
29	96	speed back up, hit	TBD	this
30	106	Park soundscape	as applause dies down after scene 8	central park loop
31	107	Parkscapae out	After Gomez "In fact, not very difficult."	long fade out
32	118	Fester's moon sound TBD	After Fester lands on the moon	TBD, we'llm figure it out when I see it
32.5		fester impact on moon		
33	118	Gate opens	After Gomez "Love triumphs at last!" with the gate opening	big gate creaking and opening
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