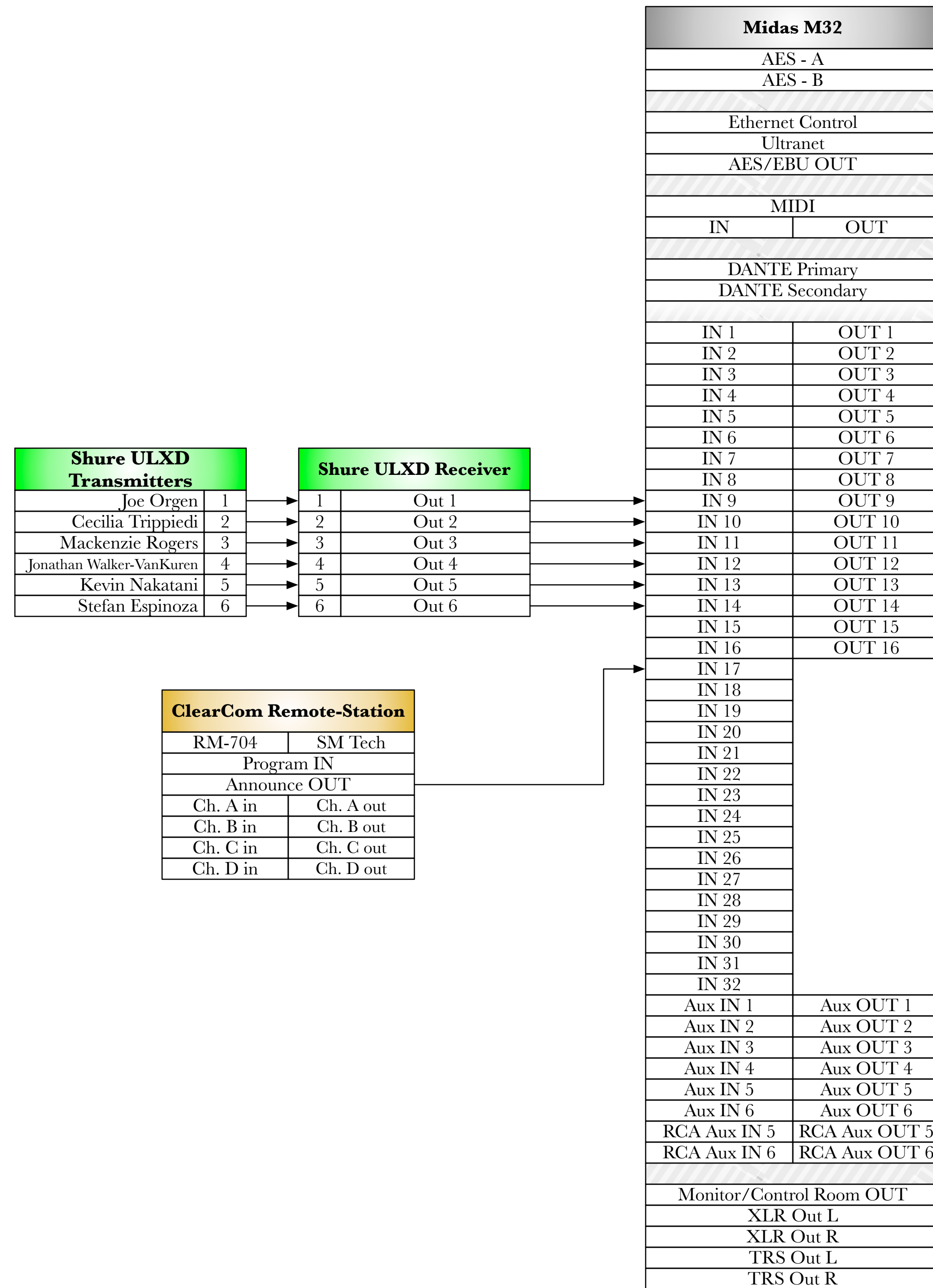




UTAH FESTIVAL
OPERA & MUSICAL THEATRE
FOUNDING GENERAL DIRECTOR

Summer 2018



Producing Organization
Utah Festival Opera & Musical Theatre

Venue
Utah Theatre

Founding General Director
Michael Ballam

Sound Designer
CJ Whitaker

Associate Designer
N/A

Assistant Designer
Patrick Mathis

PSE
Edward Mineishi

Draftsperson
Edward Mineishi

Signal Flow Inputs	Version 4
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Date Modified Fri Aug 03 2018	Plate 1 of 5
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NOTES

Midas M32	
AES - A	
AES - B	
Ethernet Control	
Ultranet	
AES/EBU OUT	
MIDI	
IN	OUT
DANTE Primary	
DANTE Secondary	
IN 1	OUT 1
IN 2	OUT 2
IN 3	OUT 3
IN 4	OUT 4
IN 5	OUT 5
IN 6	OUT 6
IN 7	OUT 7
IN 8	OUT 8
IN 9	OUT 9
IN 10	OUT 10
IN 11	OUT 11
IN 12	OUT 12
IN 13	OUT 13
IN 14	OUT 14
IN 15	OUT 15
IN 16	OUT 16
IN 17	
IN 18	
IN 19	
IN 20	
IN 21	
IN 22	
IN 23	
IN 24	
IN 25	
IN 26	
IN 27	
IN 28	
IN 29	
IN 30	
IN 31	
IN 32	
Aux IN 1	Aux OUT 1
Aux IN 2	Aux OUT 2
Aux IN 3	Aux OUT 3
Aux IN 4	Aux OUT 4
Aux IN 5	Aux OUT 5
Aux IN 6	Aux OUT 6
RCA Aux IN 5	RCA Aux OUT 5
RCA Aux IN 6	RCA Aux OUT 6
Monitor/Control Room OUT	
XLR Out L	
XLR Out R	
TRS Out L	
TRS Out R	

BSS Soundweb London Blu-BOB	
Ethernet	
Blu Link IN	
Blu Link OUT	
INPUTS	
A1	D1
A2	D2
A3	D3
A4	D4
B1	E1
B2	E2
B3	E3
B4	E4
C1	
C2	
C3	
C4	

BSS Soundweb London Blu-100	
Ethernet	
Blu Link IN	
Blu Link OUT	
INPUTS	
A1	D1
A2	D2
A3	D3
A4	D4
B1	E1
B2	E2
B3	E3
B4	E4
C1	
C2	
C3	
C4	

ALS System	
In	Out

Crown Drivecore 300			
In 1	→	Out 1	
In 2	→	Out 2	

Crown Drivecore 1250			
In 1	→	Out 1	
In 2	→	Out 2	

Crown Drivecore 1250			
In 1	→	Out 1	
In 2	→	Out 2	

Crown Drivecore 600			
In 1	→	Out 1	
In 2	→	Out 2	

Crown Drivecore 300			
In 1	→	Out 1	
In 2	→	Out 2	

Top Surround L		
EV EVI-15		
NL4 In		NL4 Thru

Top Surround R		
EV EVI-15		
NL4 In		NL4 Thru

HL Array Top		
TurboSound Berlin TBV123-AN		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

HR Array Top		
TurboSound Berlin TBV123-AN		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

HL Array Mid		
TurboSound Berlin TBV123-AN		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

HR Array Mid		
TurboSound Berlin TBV123-AN		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

HL Array Bottom		
TurboSound Berlin TBV123-AN		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

HR Array Bottom		
TurboSound Berlin TBV123-AN		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

Upper Balc Fill L		
EV xi 1082		
NL4 In		NL4 Thru

Upper Balc Fill R		
EV xi 1082		
NL4 In		NL4 Thru

DS Foldback L		
EV sx300		
NL4 In		NL4 Thru

DS Foldback R		
EV sx300		
NL4 In		NL4 Thru

US Foldback L		
TurboSound iQ8		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

US Foldback R		
TurboSound iQ8		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

HL Subwoofer		
TurboSound iQ18B		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

HR Subwoofer		
TurboSound iQ18B		
Sig IN		Pwrcon IN
Sig THRU		Pwrcon THRU

Booth Monitor L		
JBL Control 25t		
NL2 In		NL2 Thru

Booth Monitor R		
JBL Control 25t		
NL2 In		NL2 Thru



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Edward Mineishi

Draftsperson
Edward Mineishi

Signal Flow Outputs Version
4

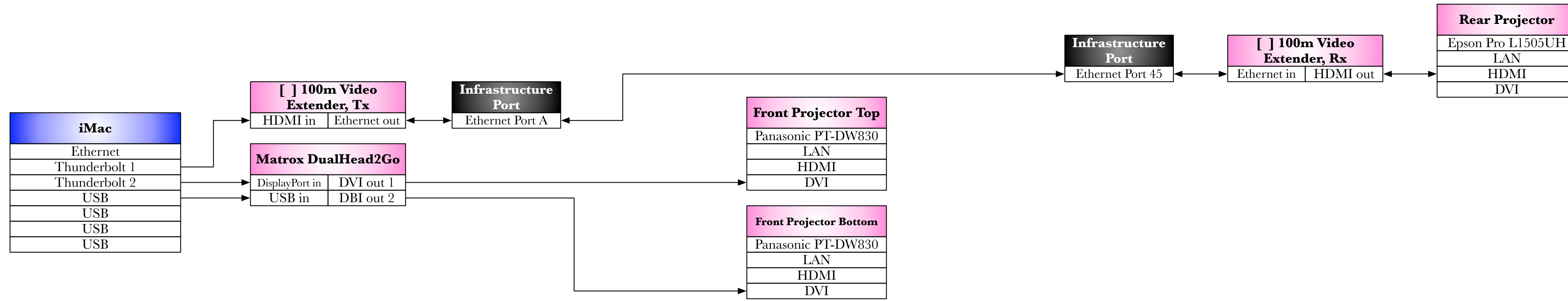
Date Modified Plate
Fri Aug 03 2018 **2 of 5**

NOTES

FOH Position

Balcony Rail

Upstage



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Signal Flow

Video Content

Date Modified
Fri Aug 03 2018

Version
4

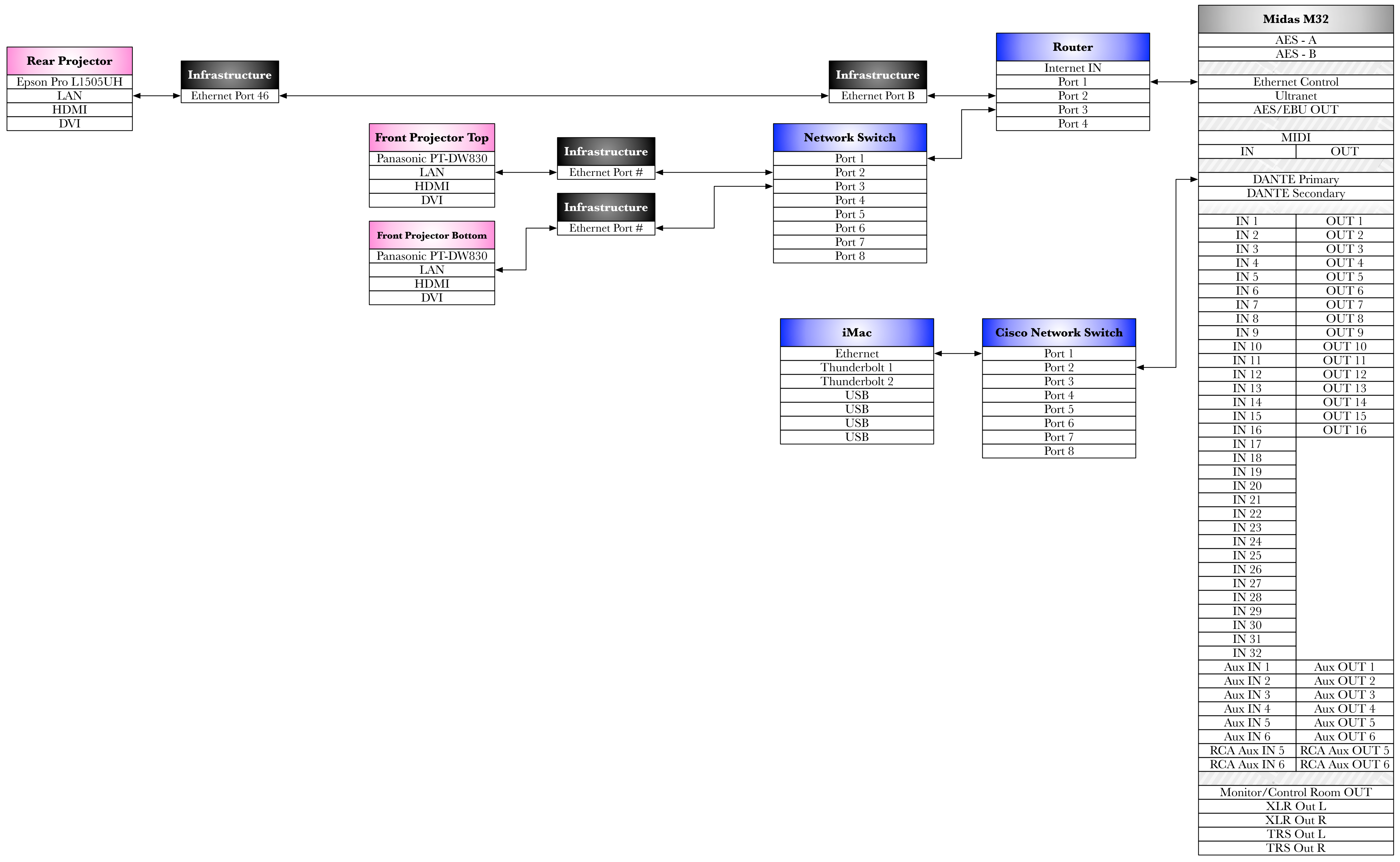
Plate
3 of 5

NOTES

Upstage

Balcony Rail

FOH Position



UTAH FESTIVAL
OPERA & MUSICAL THEATRE
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Signal Flow Network Devices Version 4

Date Modified Fri Aug 03 2018 Plate 4 of 5

NOTES
-Top and bottom front projector data plug into ports on the facing of the balc rail



**UTAH FESTIVAL
OPERA & MUSICAL THEATRE**
PRODUCED BY MICHAEL BALLAM • FOUNDED GENERAL DIRECTOR

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**Signal Flow
ClearCom** Version
4

Date Modified
Fri Aug 03 2018 Plate
5 of 5

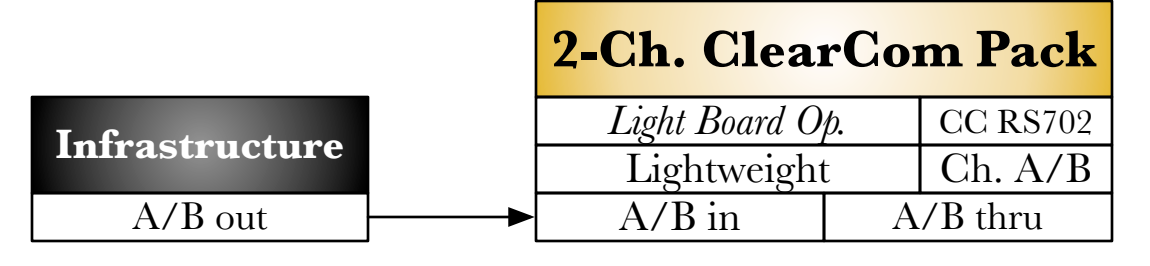
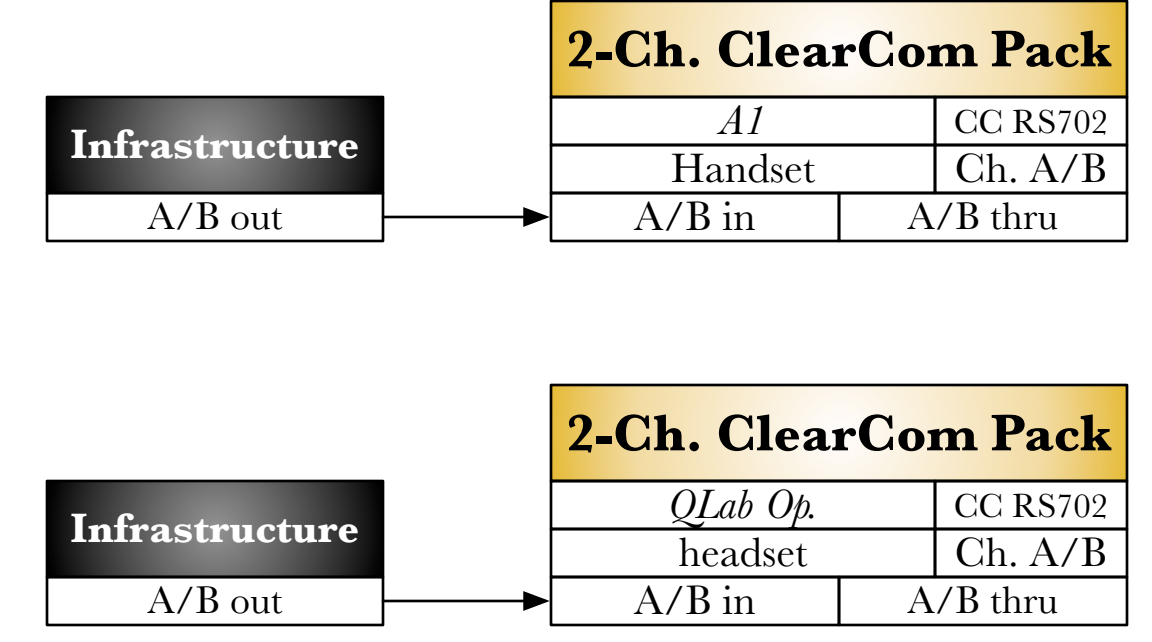
NOTES

Ch. A = Management/Sound
Ch. B = Lighting
Ch. C = N/A
Ch. D = Dressing Rooms

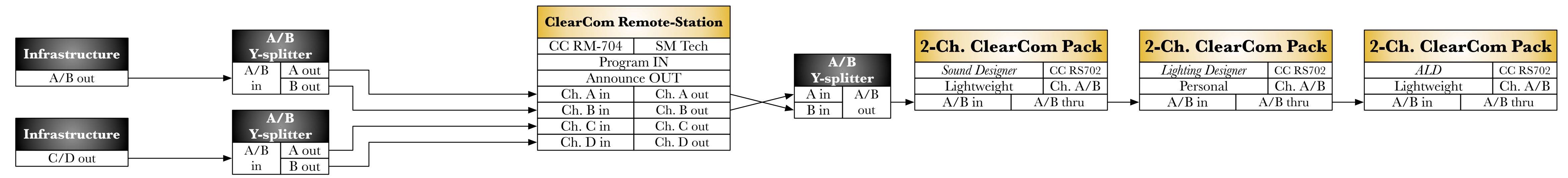
Unless otherwise noted,
assume 3-pin XLR cables
are used

[Basement Panel] [FOH Position] [Booth]

ClearCom Power-Supply	
PS-704	Instillation
Program IN	
Term. ON	Ch. A out 1
	Ch. A out 2
Term. ON	Ch. B out 1
	Ch. B out 2
Term. ON	Ch. C out 1
	Ch. C out 2
Term. ON	Ch. D out 1
	Ch. D out 2



[House, Orchestra Level]



[Basement Panel] [Wireless Intercom Transmitters]

ClearCom Wireless Receiver	
FreeSpeak II-Base-II	
Antenna 1	RJ45
Antenna 2	RJ45
DECT Synch in	DECT Synch out
LAN 1	
LAN 2	
Program in	
Stage Announce out	
Ch. A in	2/4 wire
Ch. B in	2/4 wire
Ch. C in	2/4 wire
Ch. D in	2/4 wire

ClearCom Wireless Transmitter #1	
PA	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B

ClearCom Wireless Transmitter #2	
ASM 1	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B

ClearCom Wireless Transmitter #3	
Scenic Crew 1	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B

ClearCom Wireless Transmitter #4	
Deck Elec	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B

ClearCom Wireless Transmitter #5	
ATD	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B

ClearCom Wireless Transmitter #6	
Scenic Crew 2	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B

ClearCom Wireless Transmitter #7	
Props 1	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B

ClearCom Wireless Transmitter #8	
Props 2	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B

ClearCom Wireless Transmitter #10	
A2	FreeSpeak II 1.9GHz
Lightweight	Ch. A/B