



Pro AV Market Applications Guide

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Concert Venue Application Guide








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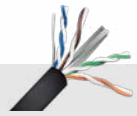
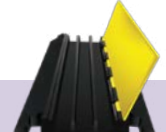
Performance Hall Application Guide



APPLICATION & PRODUCT MATRIX

Pro-AV Connectors and Cables

							
PRO AV - CONNECTORS	1/4" CONNECTORS	3 PIN XLR CONNECTORS	4 PIN XLR CONNECTORS	5 PIN XLR CONNECTORS	ETHERLATCH CONNECTORS	POWERLATCH CONNECTORS	SPEAKERLATCH CONNECTORS
National/Regional Amusement Parks	✓	✓	✓	✓	✓	✓	✓
Convention Centers	✓	✓	✓	✓	✓	✓	✓
Theaters (Indoor Venues)	✓	✓	✓	✓	✓	✓	✓
Houses of Worship	✓	✓	✓	✓	✓	✓	✓
National/Regional Concert Venues (Indoor/Outdoor)	✓	✓	✓	✓	✓	✓	✓
Casinos		✓		✓	✓	✓	✓

								
PRO AV - CABLES	XLR CABLES	DMX CABLES	INSTRUMENT CABLES	BALANCED PATCH CABLES	POWERLATCH CABLES	ETHERLATCH CABLES	BULK NETWORK CABLE	CABLE PROTECTORS
National/Regional Amusement Parks	✓	✓	✓	✓	✓	✓	✓	✓
Convention Centers	✓	✓		✓	✓	✓	✓	✓
Theaters (Indoor Venues)	✓	✓	✓	✓	✓	✓	✓	✓
Houses of Worship	✓	✓	✓	✓	✓	✓	✓	
National/Regional Concert Venues (Indoor/Outdoor)	✓	✓	✓	✓	✓	✓	✓	✓
Casinos	✓	✓	✓	✓	✓	✓	✓	✓
Stadiums	✓	✓		✓	✓	✓	✓	✓





Amusement Parks

Applications

Ride Automation/Control

Power Inlets, Networked Control and Automation

Stage

Analog Audio, DMX, ArtNet, Dante, HDBaseT, Networked Audio, Networked Video

Musicals/Theater Productions

Analog Audio, DMX, ArtNet, Dante, HDBaseT, Networked Audio, Networked Video

Distributed AV*

Analog/Digital Distributed/Networked Audio Systems, HDBT Over IP, HDBT Over CAT, Analog Video, and Audio Extenders

Indoor/Outdoor Misc

Cable Protection



Convention Centers

Applications

Stage

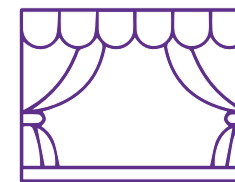
Analog Audio, DMX, ArtNet, Dante, Networked Audio, Networked Video (Video Walls, Projection Screens)

Distributed AV*

Analog/Digital Distributed/Networked Audio Systems, HDBT over IP, HDBT over CAT, Analog Video, and Audio Extenders

Indoor/Outdoor Misc

Cable Protection



Theaters (Indoor Venues)

Applications

Stage

Analog Audio, DMX, ArtNet, Dante, Networked Audio, Networked Video (Video Walls, Projection Screens)

Intercom Systems

Belt packs, Headsets, and Power Inlets

Distributed AV*

Analog/Digital Distributed/Networked Audio Systems, HDBT Over IP, HDBT Over CAT, Analog Video, and Audio Extenders

Indoor/Outdoor Misc

Cable Protection



Houses of Worship

Applications

Stage

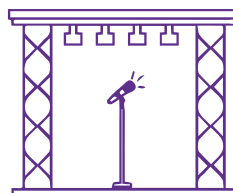
Analog Audio, DMX, ArtNet, Dante, Networked Audio, Networked Video (Video Walls, Projection Screens)

Intercom Systems

Belt packs, Headsets, and Power Inlets

Distributed AV*

Analog/Digital Distributed/Networked Audio Systems, HDBT Over IP, HDBT Over CAT, Analog Video, and Audio Extenders



Concert Venues (Indoor/Outdoor)

Applications

Stage

Analog Audio, DMX, ArtNet, Dante, Networked Audio, Networked Video (Video Walls, Projection Screens)

Intercom Systems

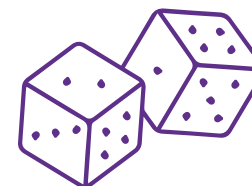
Belt packs, Headsets, and Power Inlets

Distributed AV*

Analog/Digital Distributed/Networked Audio Systems, HDBT Over IP, HDBT Over CAT, Analog Video, and Audio Extenders

Indoor/Outdoor Misc

Cable Protection



Casinos

Applications

Stage

Analog Audio, DMX, Video (Video Walls, Projection Screens)

Intercom Systems

Belt packs, Headsets, and Power Inlets

Distributed AV*

Analog/Digital Distributed/Networked Audio Systems, HDBT Over IP, HDBT Over CAT, Analog Video, and Audio Extenders

Indoor/Outdoor Misc

Cable Protection

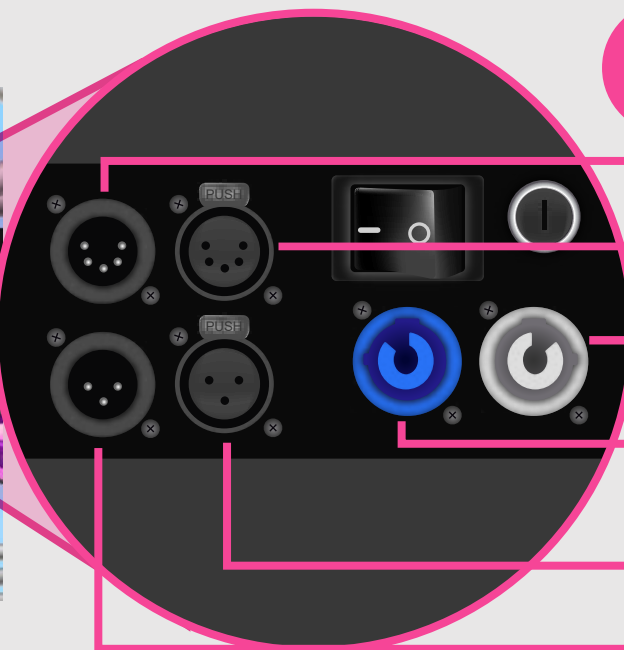
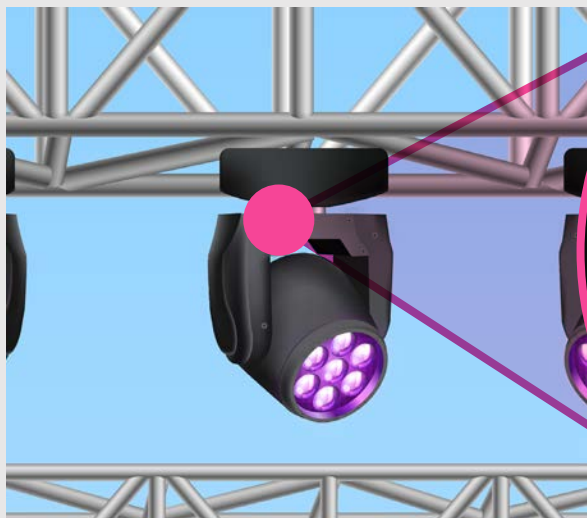


CONCERT VENUE APPLICATION GUIDE



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1

MOVING HEAD LIGHTS

E or B Series Male XLR - 5 Pin

⌘ DMX Cable

E or B Series Female XLR - 5 Pin

⌘ DMX Cable

Powerlatch B

⌘ PTP Powerlatch Cable

Powerlatch A

⌘ PTP Powerlatch Cable

⌘ PTE Powerlatch Cable

E or B Series Female XLR - 3 Pin

⌘ XLR Cable

E or B Series Male XLR - 3 Pin

⌘ XLR Cable

2

ACTIVE LINE ARRAY

E or B Series Female XLR - 3 Pin

⌘ XLR Cable

E or B Series Male XLR - 3 Pin

⌘ XLR Cable

B Series Etherlatch

⌘ Cat 5 Etherlatch Cable

⌘ Cat 6 Etherlatch Cable

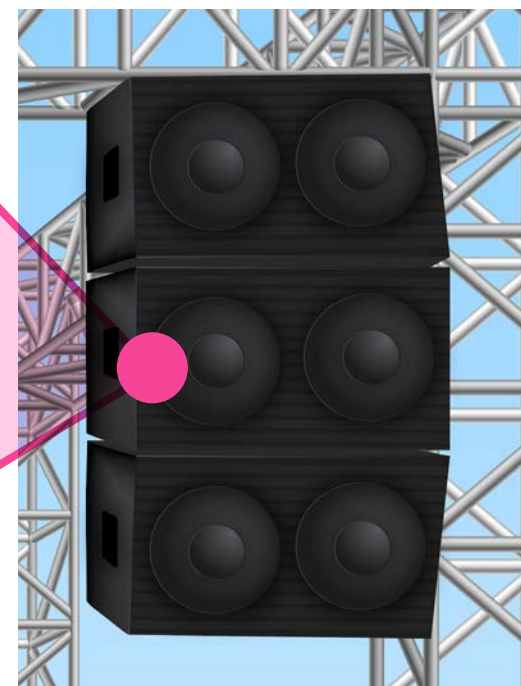
Powerlatch A

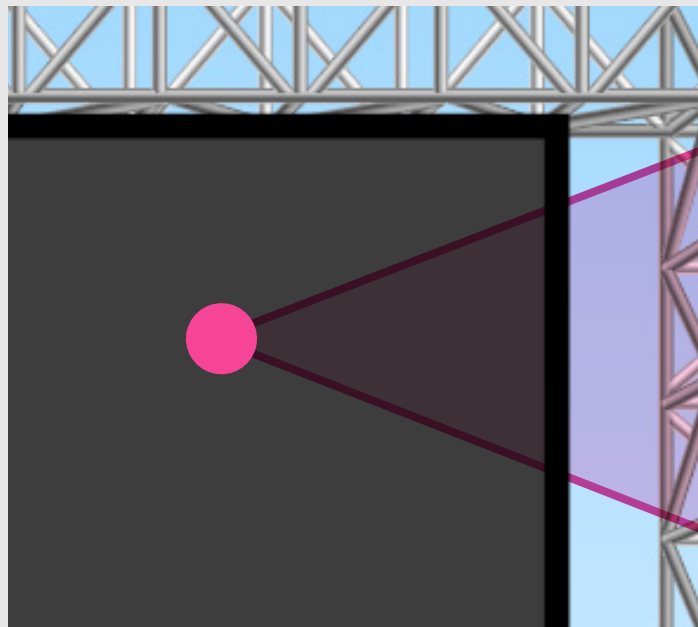
⌘ PTP Powerlatch Cable

⌘ PTE Powerlatch Cable

Powerlatch B

⌘ PTP Powerlatch Cable





3

LED VIDEO PANEL

B Series Etherlatch

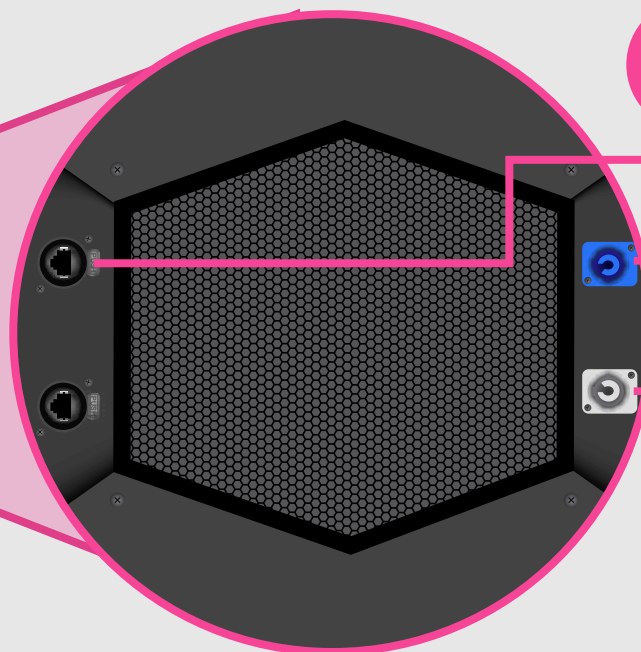
- ⌘ Cat 5 Etherlatch Cable
- ⌘ Cat 6 Etherlatch Cable

Powerlatch A

- ⌘ PTP Powerlatch Cable
- ⌘ PTE Powerlatch Cable

Powerlatch B

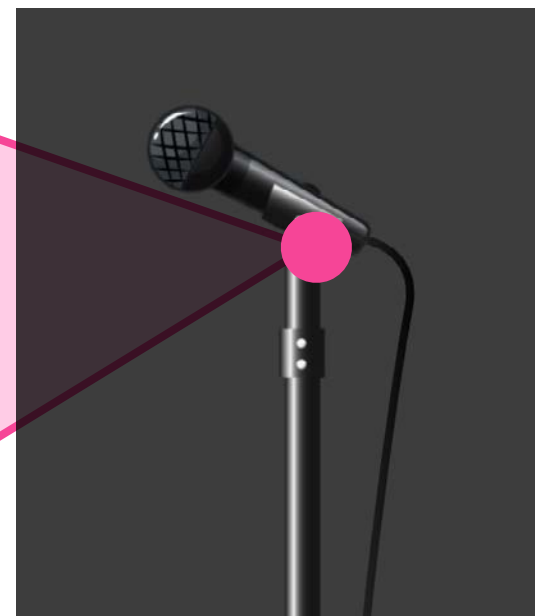
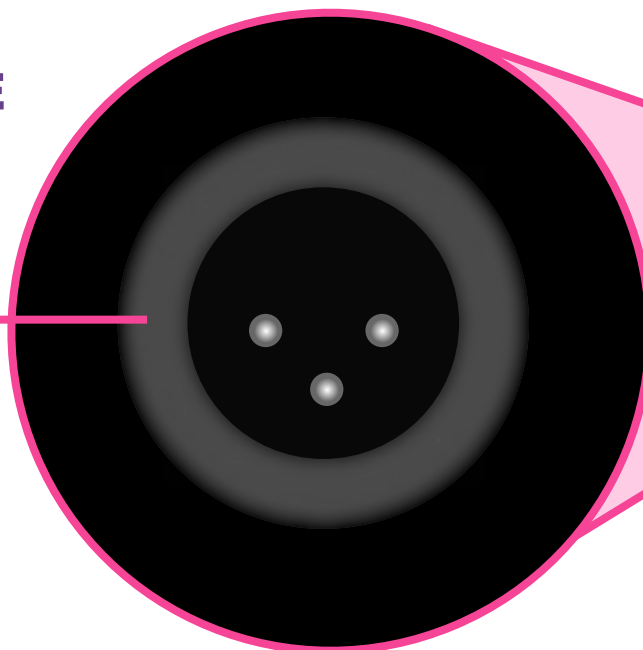
- ⌘ PTP Powerlatch Cable

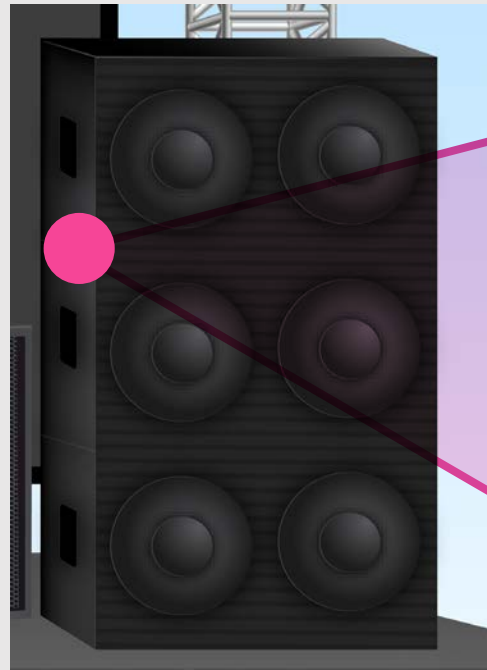


4

MICROPHONE

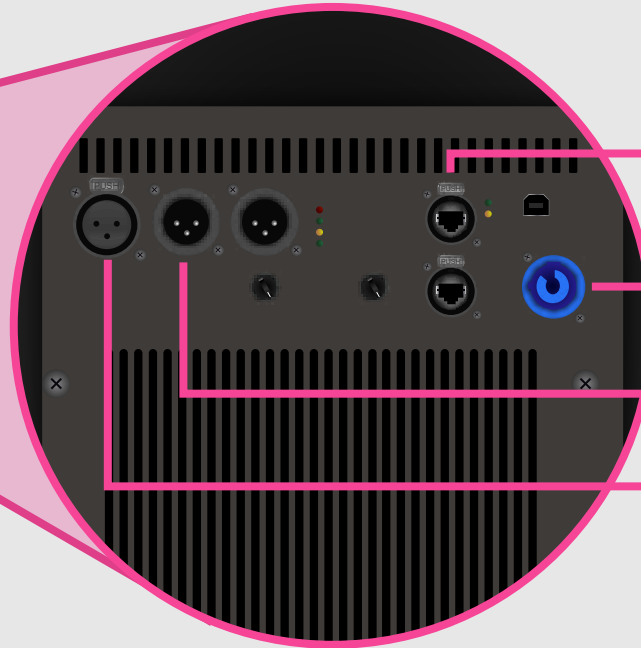
⌘ XLR Cable





5

ACTIVE SUBWOOFER



B Series Etherlatch

- ⌘ Cat 5 Etherlatch Cable
- ⌘ Cat 6 Etherlatch Cable

Powerlatch A

- ⌘ PTE Powerlatch Cable

E or B Series Male XLR - 3 Pin

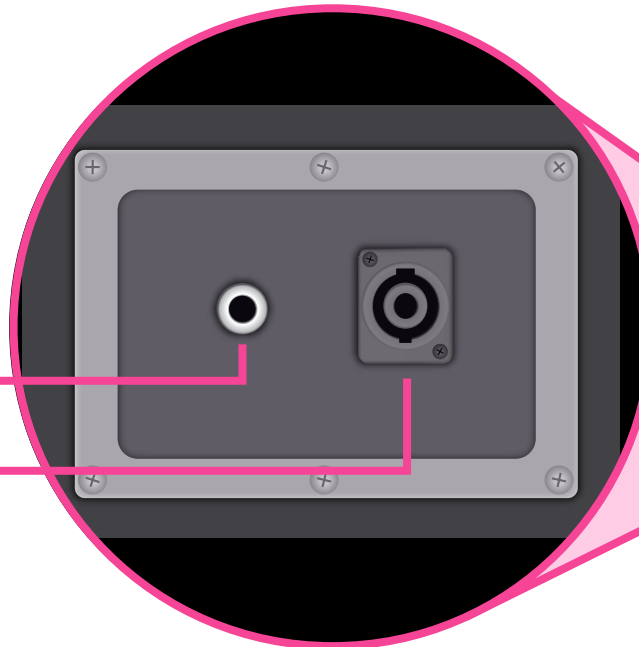
- ⌘ XLR Cable

E or B Series Female XLR - 3 Pin

- ⌘ XLR Cable

6

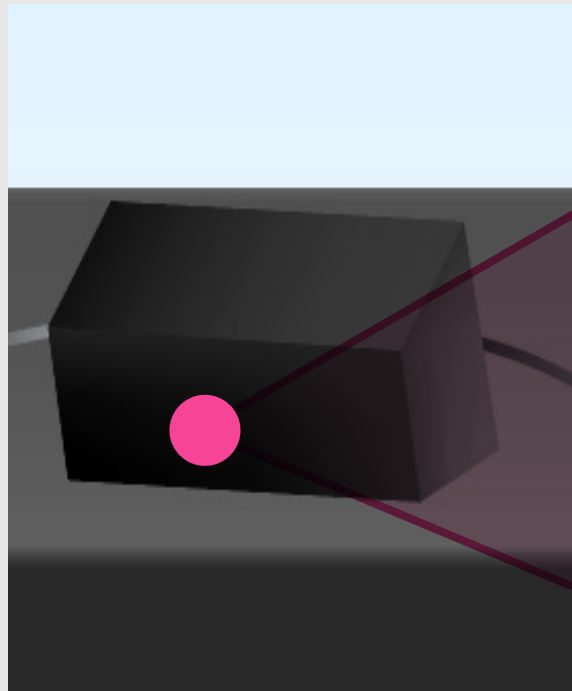
PASSIVE SPEAKER



TJ Series - 4 Pin

Speakerlatch





7

ACTIVE SPEAKER

Powerlatch A

- ⌘ PTE Powerlatch Cable
- ⌘ PTP Powerlatch Cable

E or B Series Female XLR - 3 Pin

- ⌘ XLR Cable

E or B Series Male XLR - 3 Pin

- ⌘ XLR Cable

Powerlatch B

- ⌘ PTP Powerlatch Cable

8

LIGHTING BOARD

E or B Series Female XLR - 3 Pin

- ⌘ XLR Cable

E or B Series Female XLR - 5 Pin

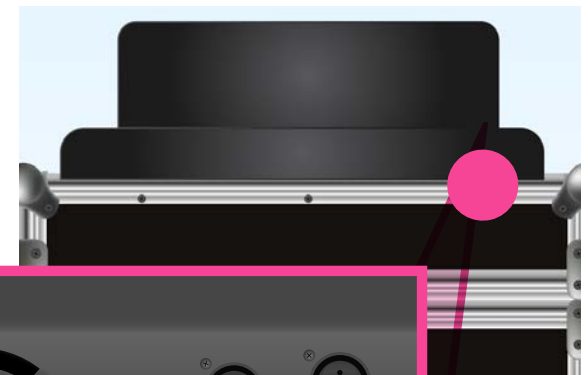
- ⌘ DMX Cable

B Series Etherlatch

- ⌘ Cat 5 Etherlatch Cable
- ⌘ Cat 6 Etherlatch Cable

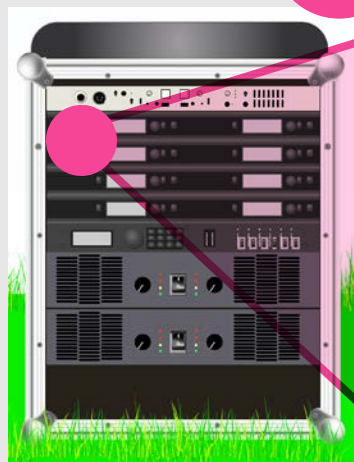
C14

- ⌘ C13 Power Cord



9

MIXING BOARD



C14

⚡ C13 Power Cord

**TJ Series
1/4" Jack - 4 Pin**
⚡ Instrument Cable

**E or B Series
Male XLR - 3 Pin**
⚡ XLR Cable

**TJ Series
1/4" Jack - 6 Pin**
⚡ Balanced Patch Cable

**E or B Series
Female XLR - 3 Pin**
⚡ XLR Cable

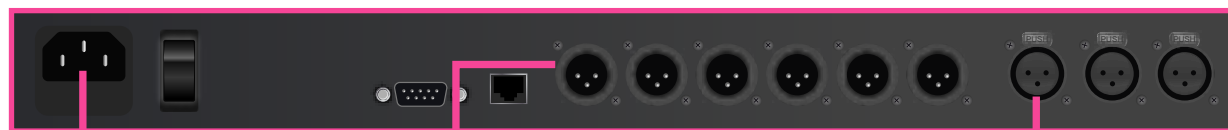
**E or B Series
Female XLR - 4 Pin**

B Series Etherlatch
⚡ Cat 5 Etherlatch Cable
⚡ Cat 6 Etherlatch Cable



10

LOUDSPEAKER MANAGEMENT PROCESSOR

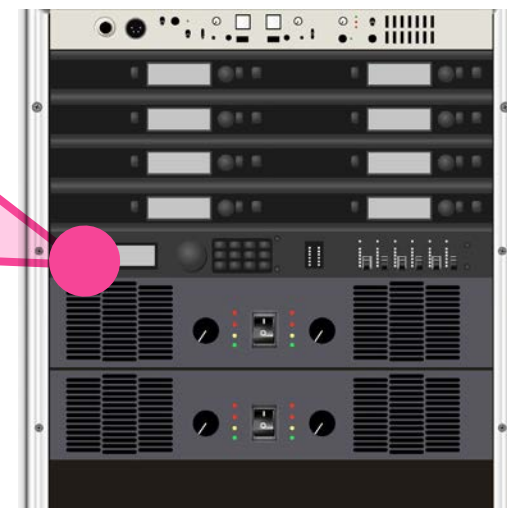


C14

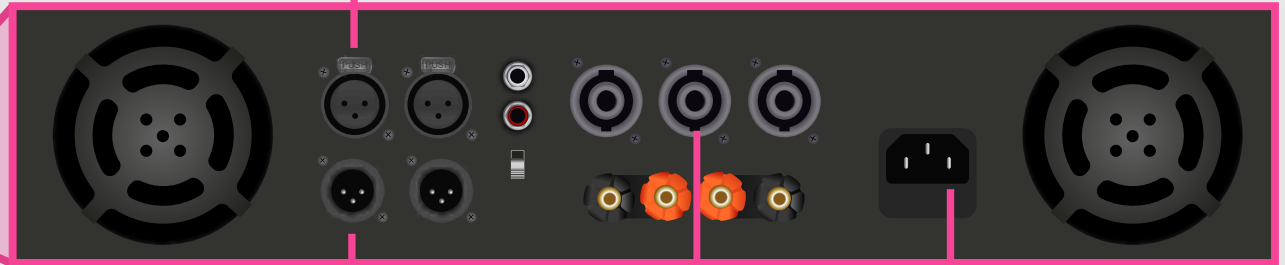
⚡ C13 Power Cord

**E or B Series
Male XLR - 3 Pin**
⚡ XLR Cable

**E or B Series
Female XLR - 3 Pin**
⚡ XLR Cable



11 AMPLIFIER



**E or B Series
Female XLR - 3 Pin**
🔌 XLR Cable

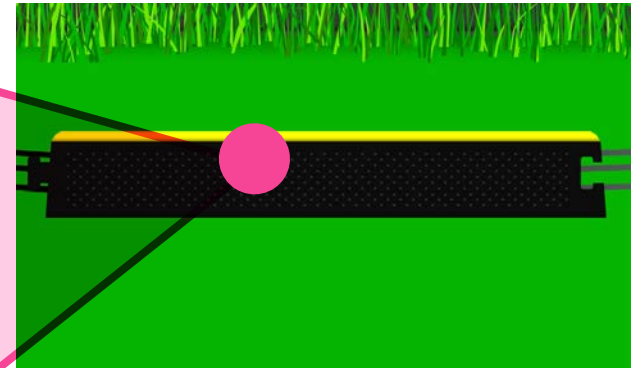
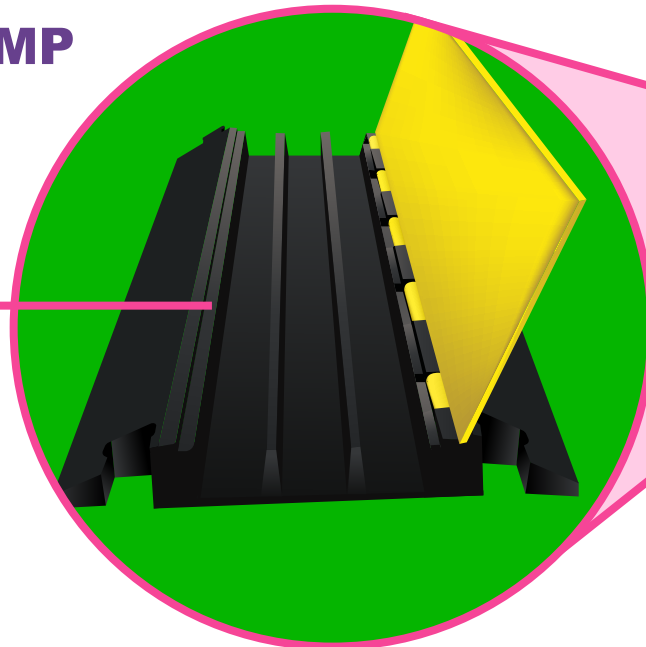
**E or B Series
Male XLR - 3 Pin**
🔌 XLR Cable

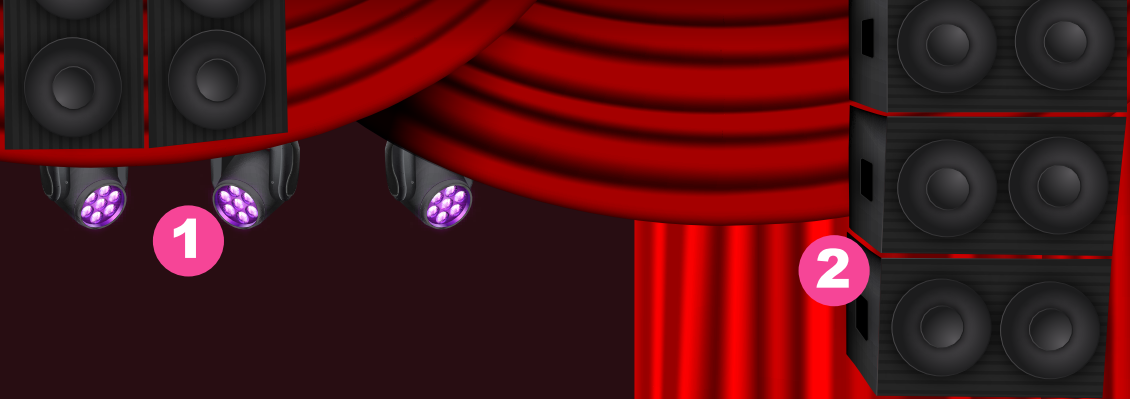
Speakerlatch

C14
🔌 C13 Power Cord

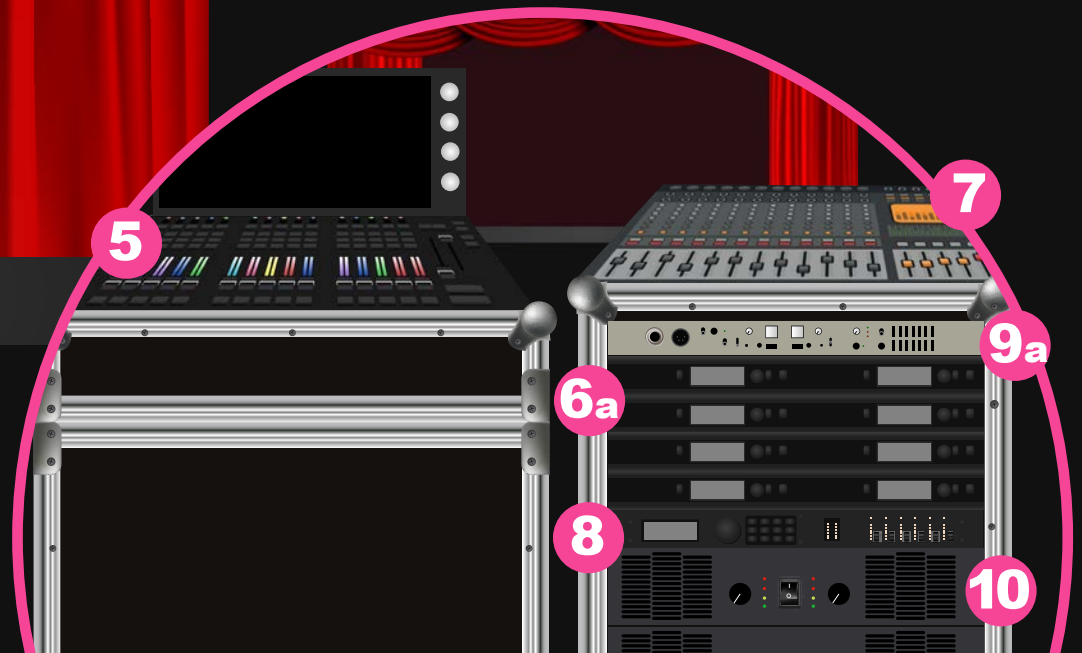
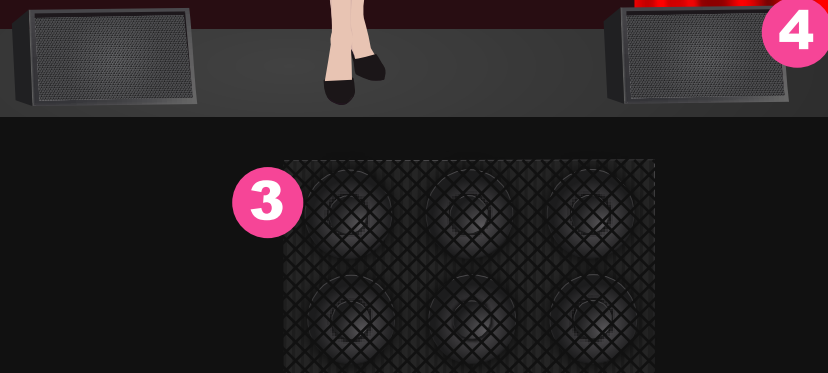
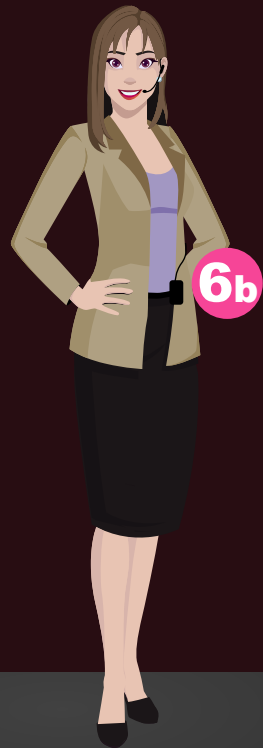
12 CABLE RAMP

KORE™ 3 CHANNEL
Also available in:
KORE™ 2 Channel
KORE™ 5 Channel
HERCULES™ 5 Channel





PERFORMANCE HALL APPLICATION GUIDE



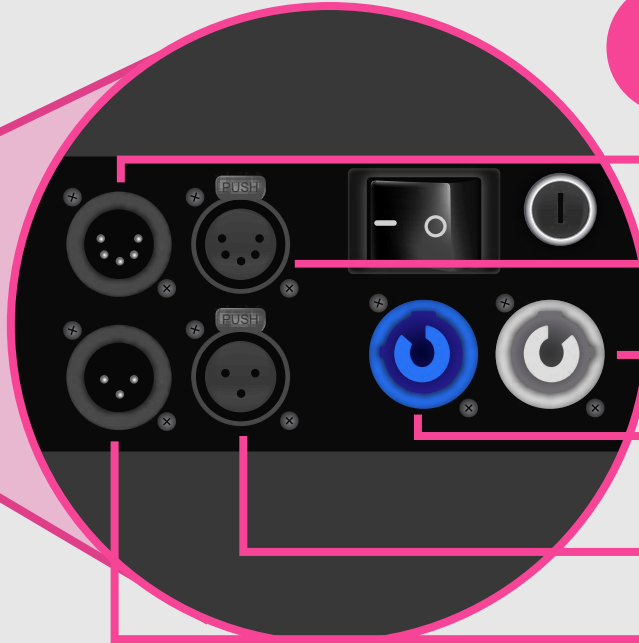
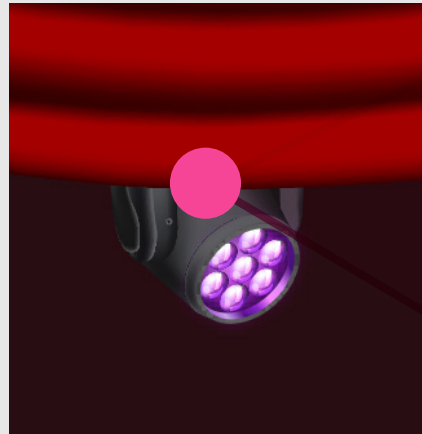
12



= lo cable option for connector shown

1

MOVING HEAD LIGHTS



E or B Series Male XLR - 5 Pin
⚡ DMX Cable

E or B Series Female XLR - 5 Pin
⚡ DMX Cable

Powerlatch B
⚡ PTP Powerlatch Cable

Powerlatch A
⚡ PTP Powerlatch Cable
⚡ PTE Powerlatch Cable

E or B Series Female XLR - 3 Pin
⚡ XLR Cable

E or B Series Male XLR - 3 Pin
⚡ XLR Cable

2

ACTIVE LINE ARRAY

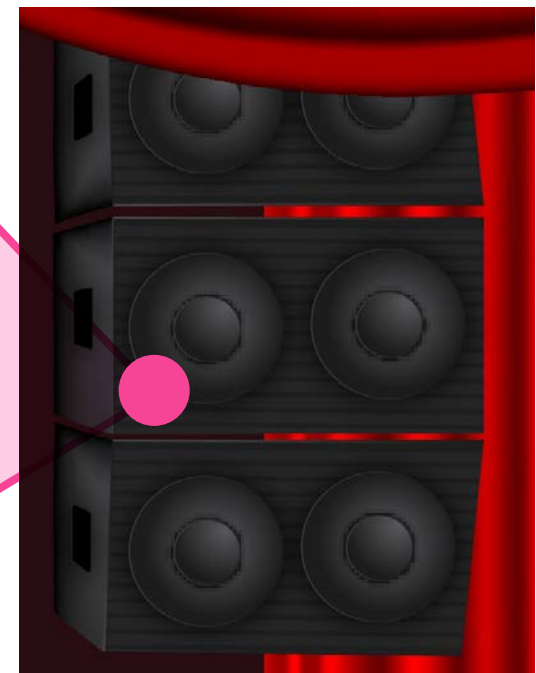
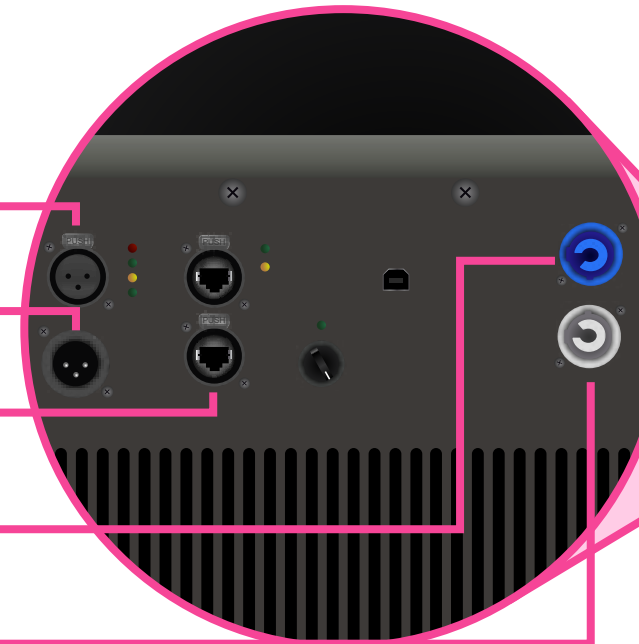
E or B Series Female XLR - 3 Pin
⚡ XLR Cable

E or B Series Male XLR - 3 Pin
⚡ XLR Cable

B Series Etherlatch
⚡ Cat 5 Etherlatch Cable
⚡ Cat 6 Etherlatch Cable

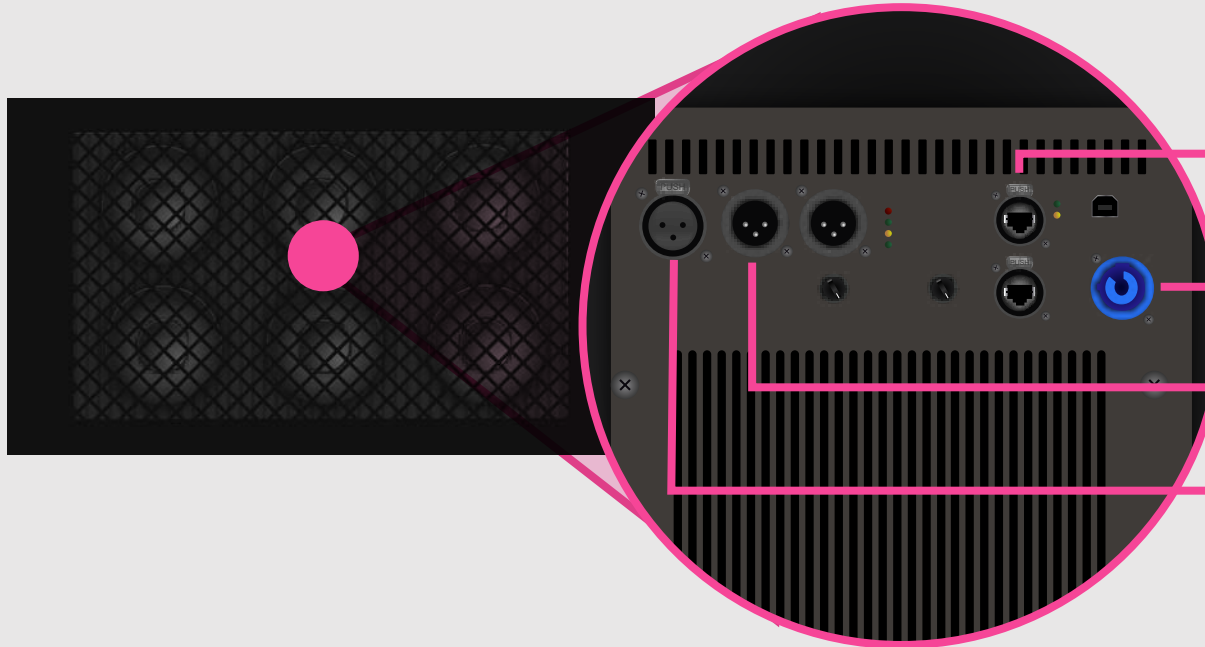
Powerlatch A
⚡ PTP Powerlatch Cable
⚡ PTE Powerlatch Cable

Powerlatch B
⚡ PTP Powerlatch Cable



3

ACTIVE SUBWOOFER



B Series Etherlatch

- ⌘ Cat 5 Etherlatch Cable
- ⌘ Cat 6 Etherlatch Cable

Powerlatch A

- ⌘ PTE Powerlatch Cable

E or B Series Male XLR - 3 Pin

- ⌘ XLR Cable

E or B Series Female XLR - 3 Pin

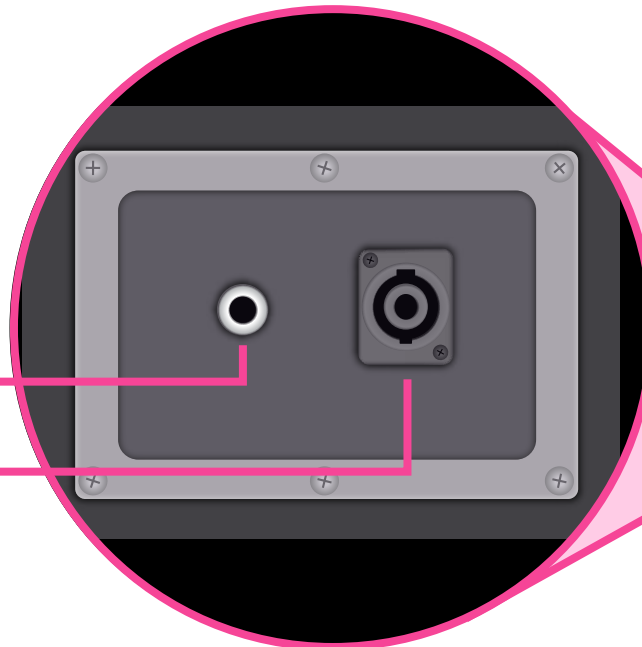
- ⌘ XLR Cable

4

PASSIVE SPEAKER

TJ Series - 4 Pin

Speakerlatch

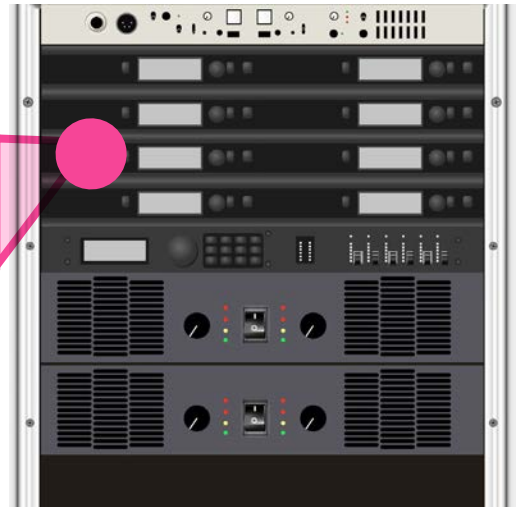
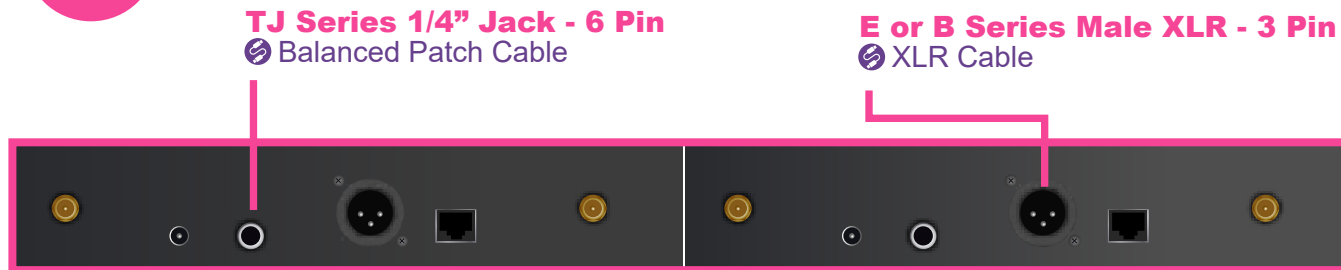




5 LIGHTING BOARD



6a WIRELESS MIC RECEIVER

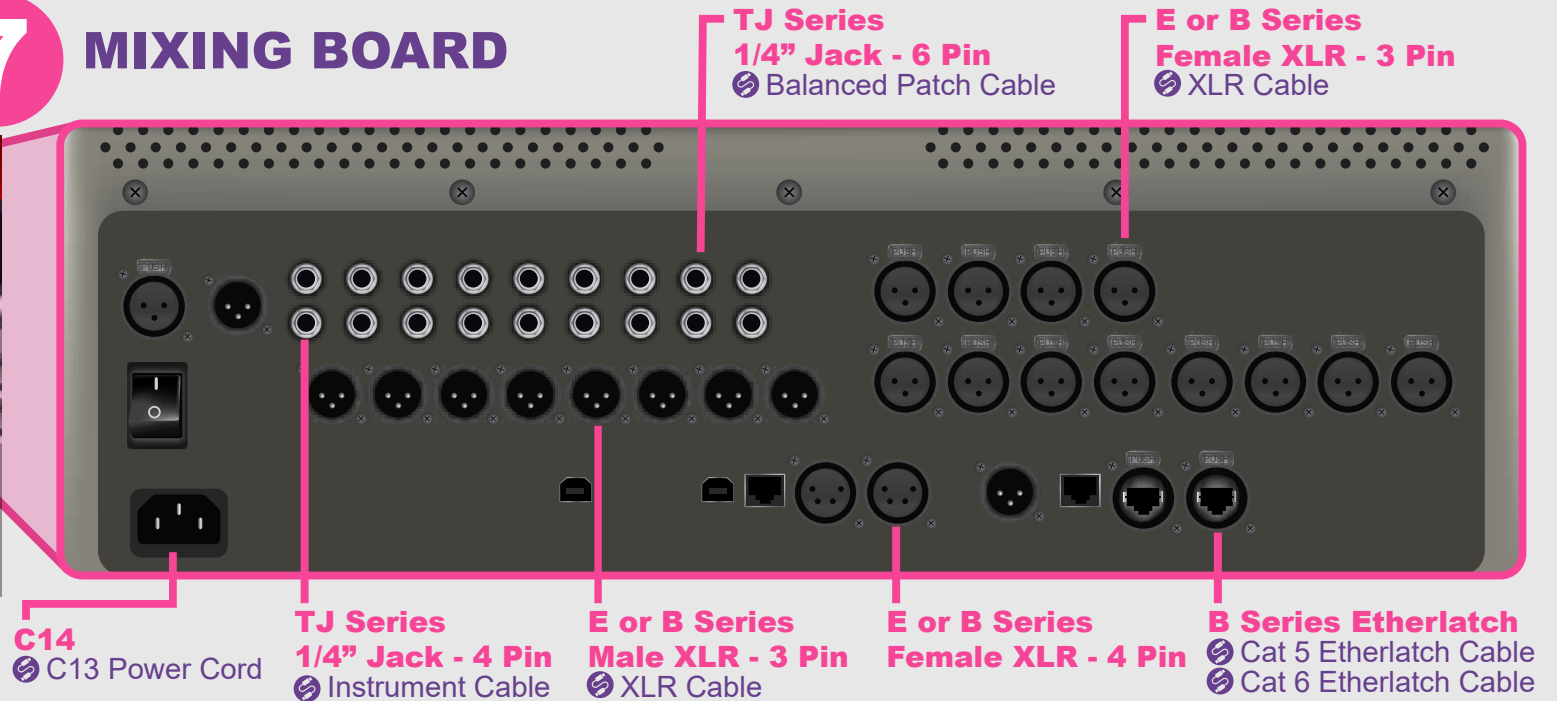
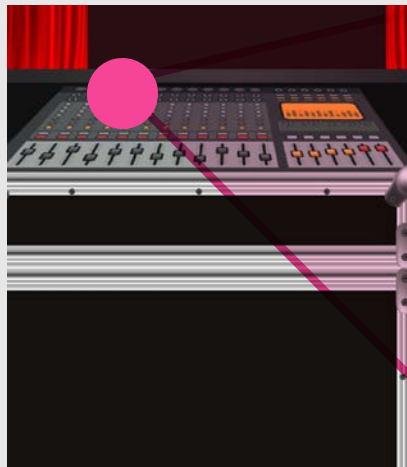


6b WIRELESS SYSTEM BELT PACK

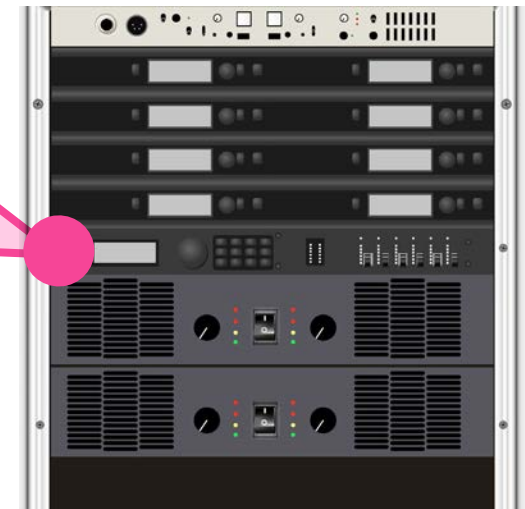


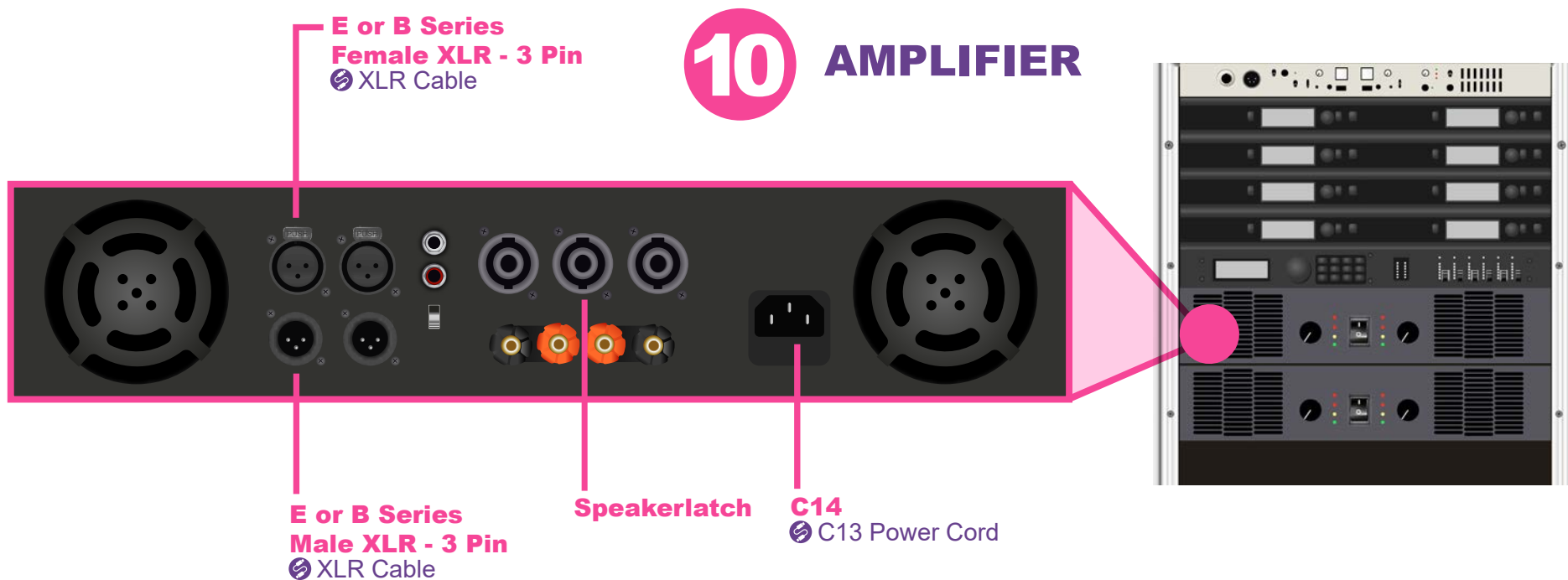
Tiny Male XLR - 4 Pin

7 MIXING BOARD



8 LOUDSPEAKER MANAGEMENT PROCESSOR





Io Audio Technologies manufactures wire, cable, and interconnect products for a wide range of industries and applications. No matter your need, our support network of industry experts will help determine the best product for your application or aid in the creation of custom-made designs.



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