

MOVING FROM ANALOG TO DIGITAL SOUNDBOARDS

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frichmond.com/omea2015

SESSION DESCRIPTION

Learn basic operation of digital systems and differences with analog systems, benefits like programmable options, enhanced sound-check, easy interface with recording equipment, and remote control



IMAGES

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SOUND BOARD REVIEW

Basic operation
in the analog and digital realms
are similar.

Understanding Analog systems makes
the transition to digital easier.

GEAR

Sound Reinforcement is accomplished through a fairly standard combination of equipment.

*Microphones
and Instruments*

Mixer

Amplifier

Speakers

Cables/Snake

Cables/Snake

Cables

GEAR

Sound Reinforcement is accomplished through a fairly standard combination of equipment.

*Microphones
and Instruments*

Mixer

Amplifier

Speakers

Cables/Snake

Cables/Snake

Cables

GEAR

Microphones



Dynamic



Condenser

GEAR

Microphones



*Wireless
Microphone*



*Wireless
Lapel
Microphone*

GEAR

Wireless Receivers



GEAR

*Microphones
and Instruments*

Mixer

Amplifier

Speakers

Cables/Snake

Cables/Snake

Cables

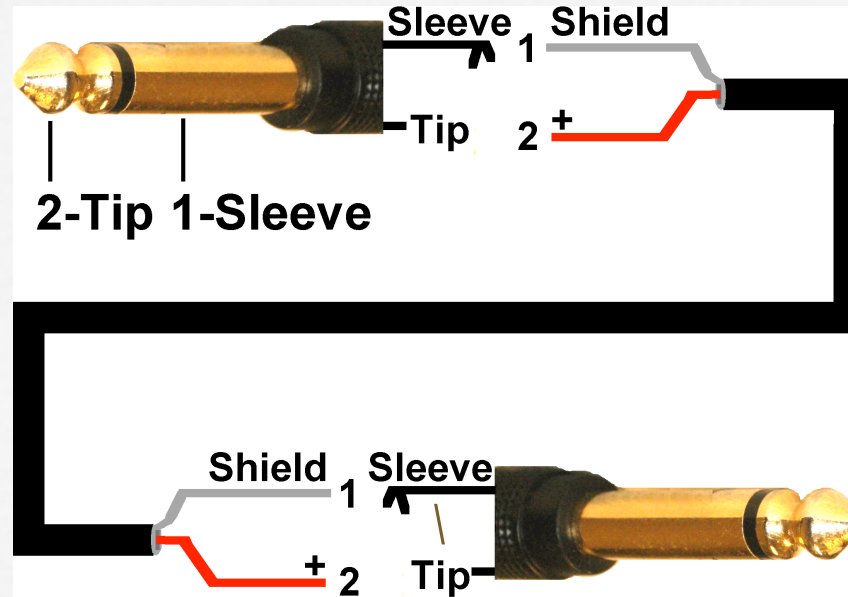
GEAR

Cables



GEAR

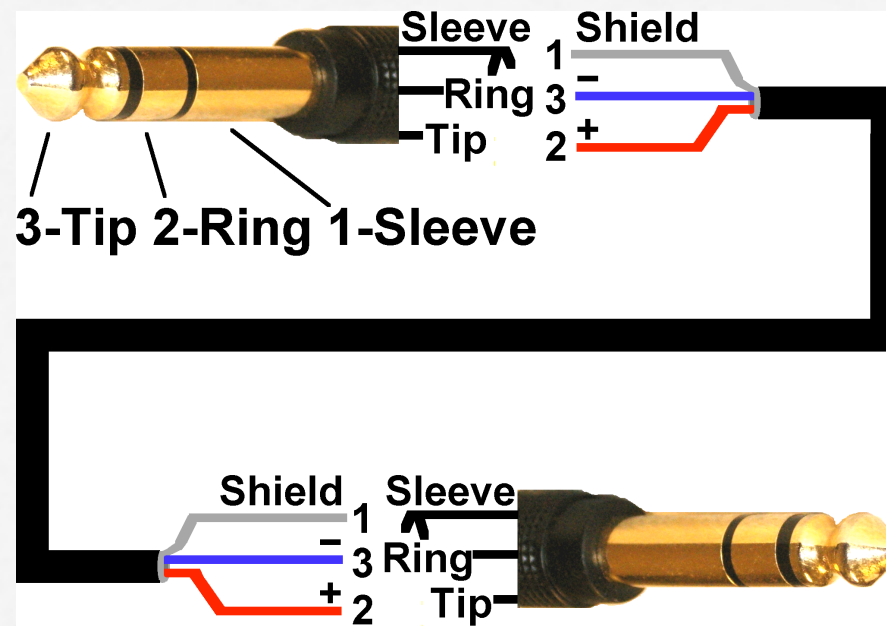
Cables



1/4" TS for Instruments such as Guitar, Bass, Keys

GEAR

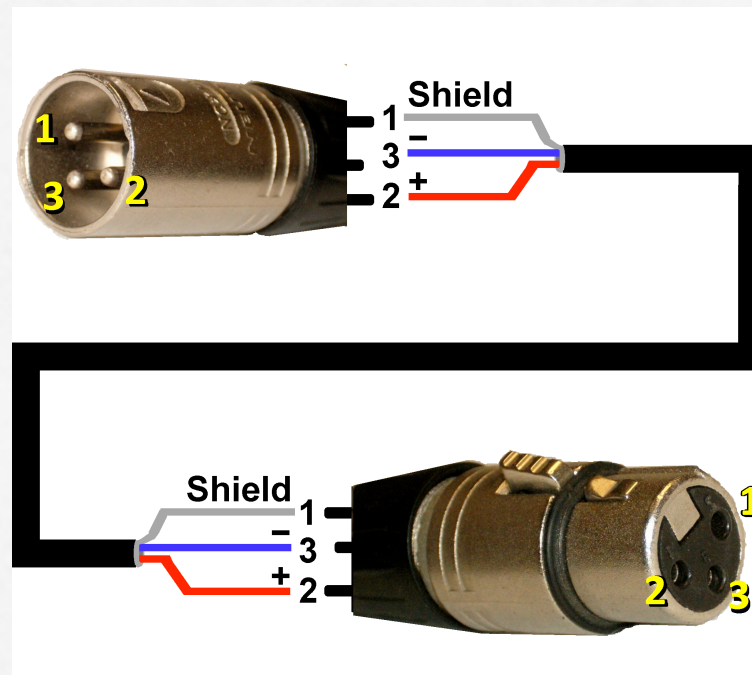
Cables



1/4" TRS for Balanced Lines and Stereo Equipment

GEAR

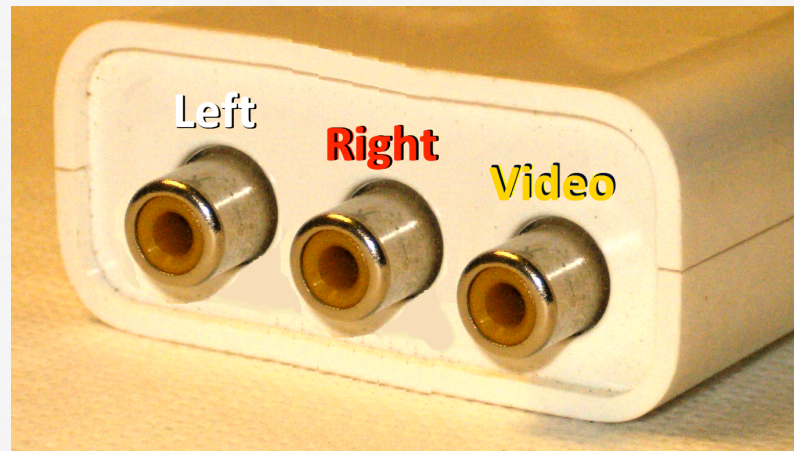
Cables



XLR for Microphones

GEAR

Cables



RCA Cables primarily for CD and DVD players, tape recorders

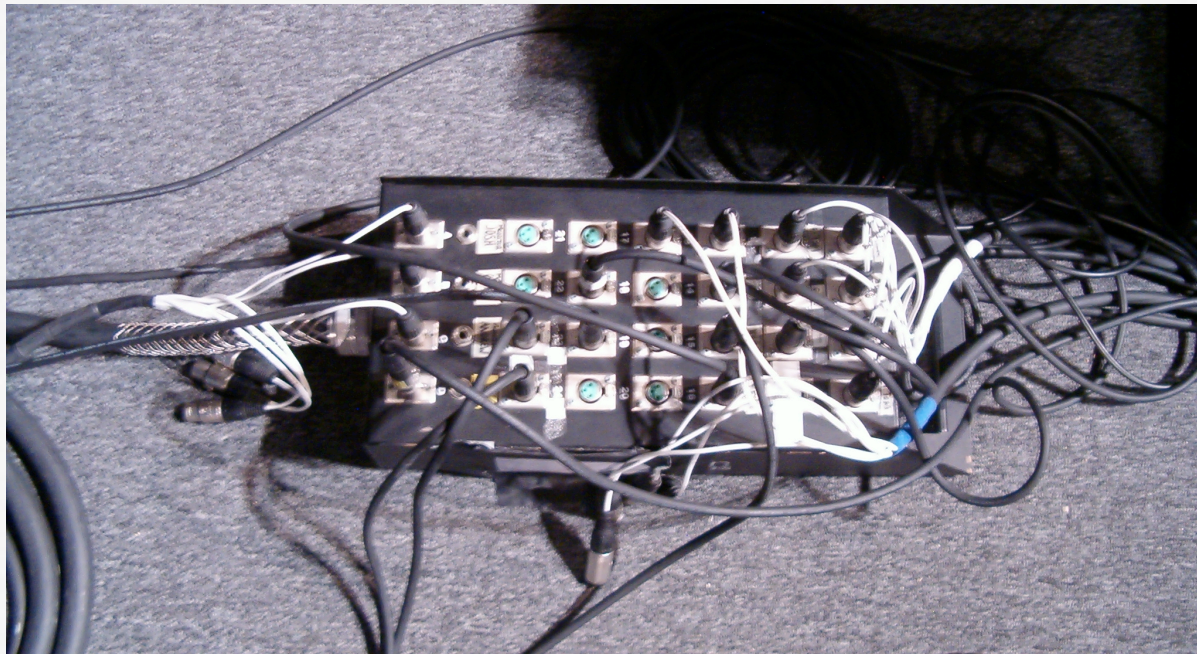
GEAR

Instruments/Direct Boxes



GEAR

Snake



GEAR

*Microphones
and Instruments*

Mixer

Amplifier

Speakers

Cables/Snake

Cables/Snake

Cables

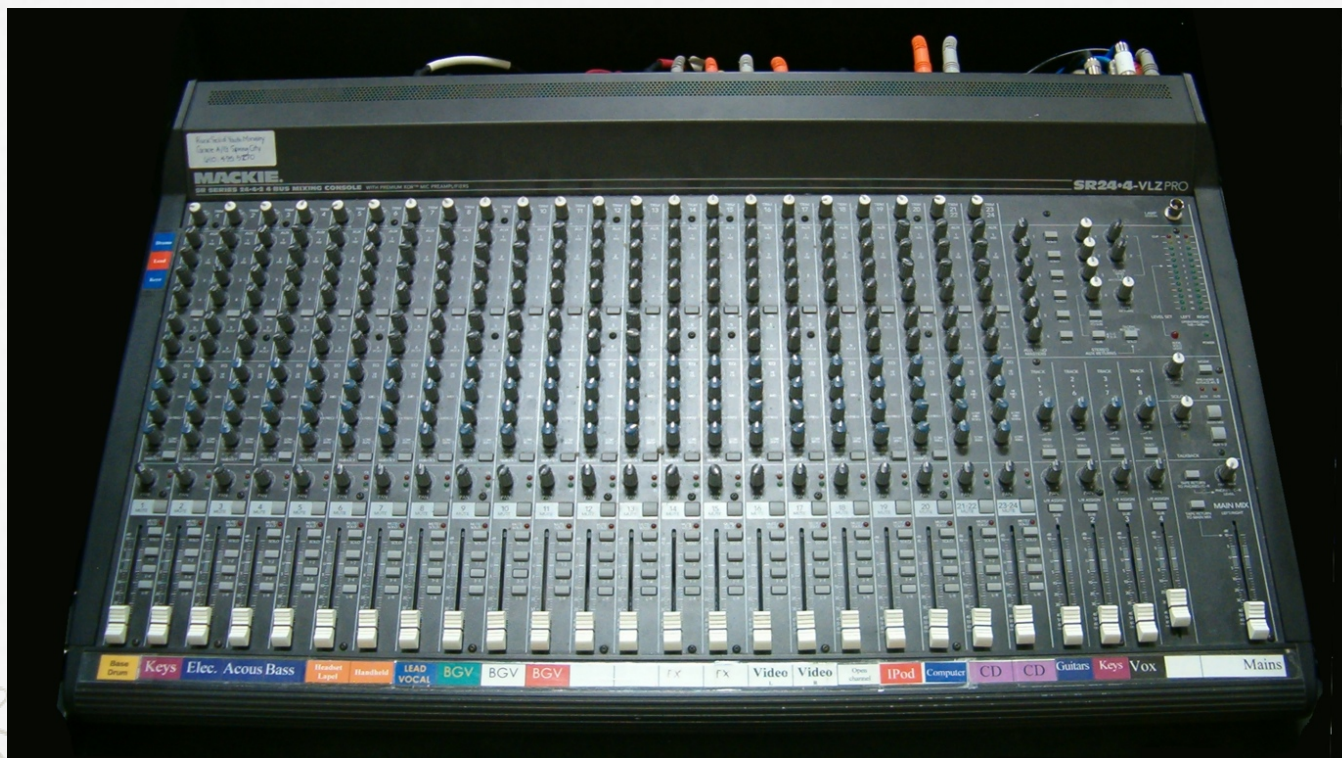
GEAR

Mixer - Allen and Heath iLive 112



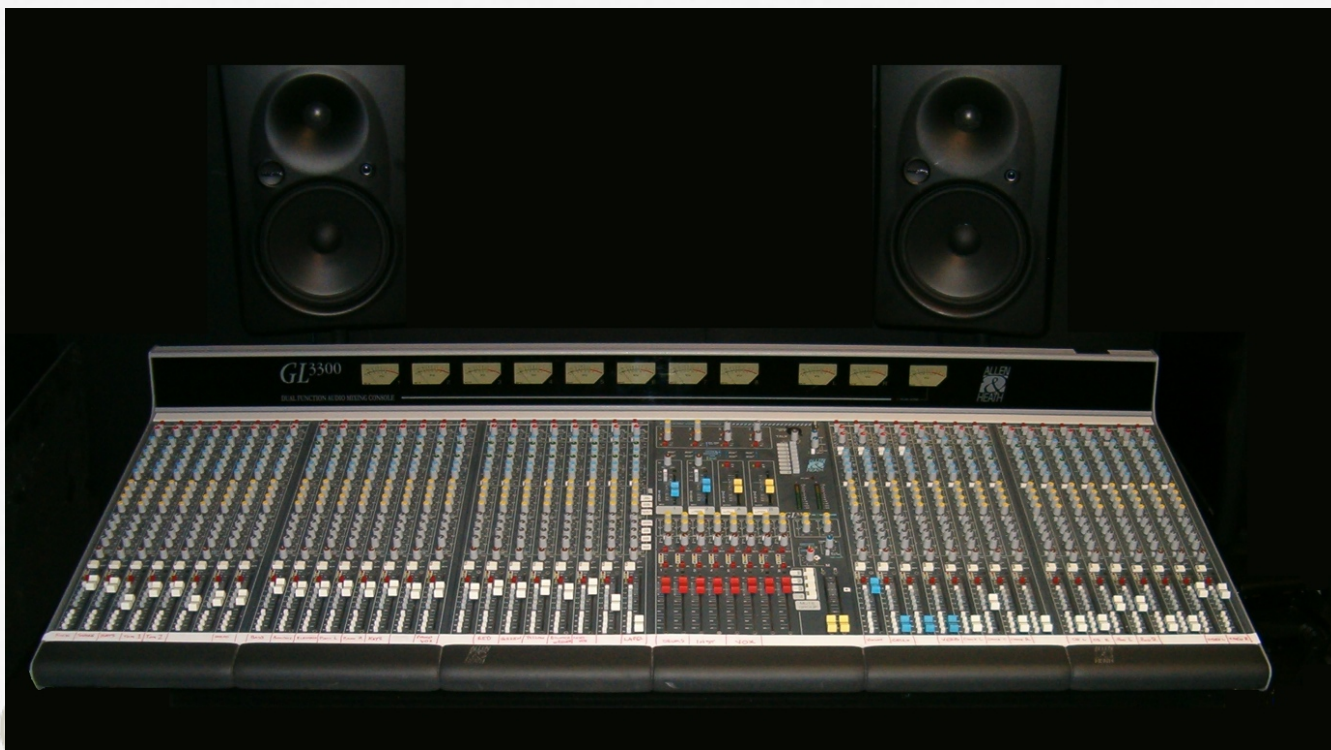
GEAR

Mixer - Mackie SR 24-4-VLZ Pro



GEAR

Mixer - Allen and Heath GL 3300



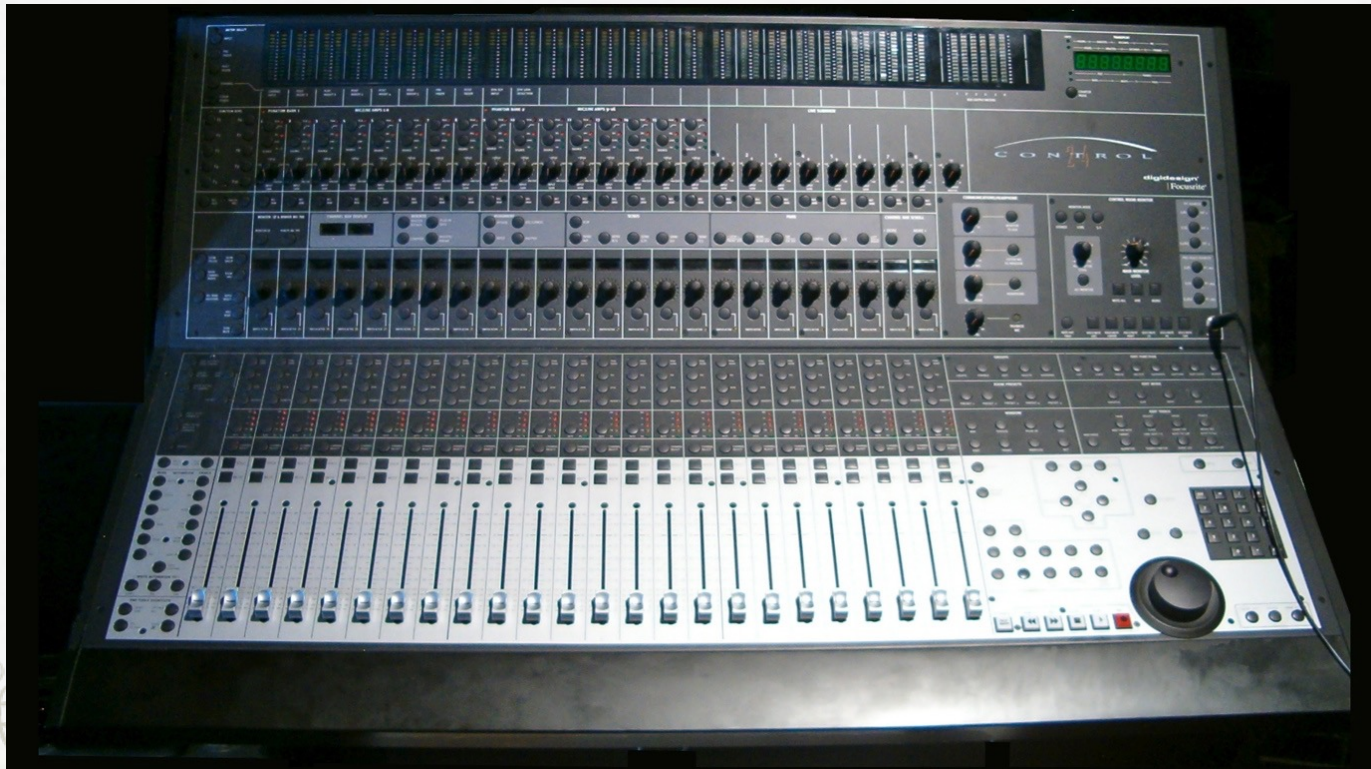
GEAR

Digital Mixer - Digidesign 8



GEAR

Digital Mixer - Digidesign Control 24



GEAR

Digital Mixer - Presonus StudioLive 24.4.2.24



GEAR

*Microphones
and Instruments*

Mixer

Amplifier

Speakers

Cables/Snake

Cables/Snake

Cables

GEAR

*Powered Speakers
(Amplifier and Speakers)*



GEAR

Amplifier



GEAR

*Microphones
and Instruments*

Mixer

Amplifier

Speakers

Cables/Snake

Cables/Snake

Cables

GEAR

Speakers



GEAR

*Microphones
and Instruments*

Mixer

Amplifier

Speakers

Cables/Snake

Cables/Snake

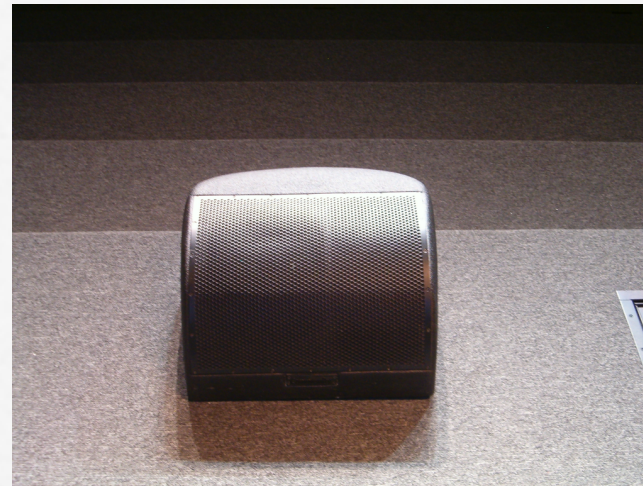
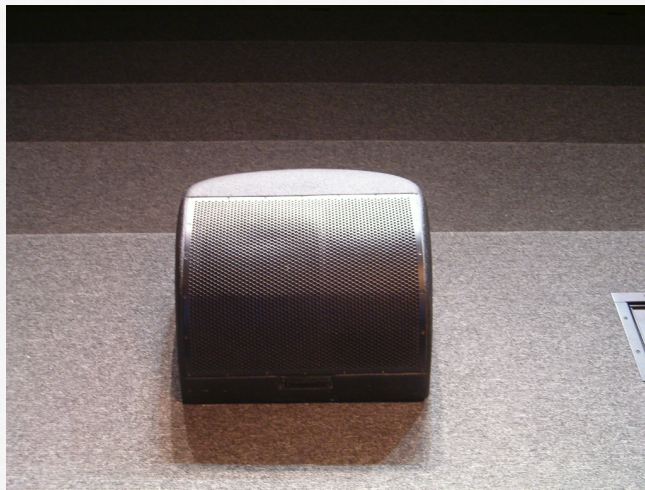
Cables

Amplifier

Monitors

GEAR

Monitor Speakers



GEAR

Powered Speakers



GEAR

Powered Speakers



GEAR

Powered Speakers



GEAR

In-Ear Monitors



GEAR

In-Ear Monitors



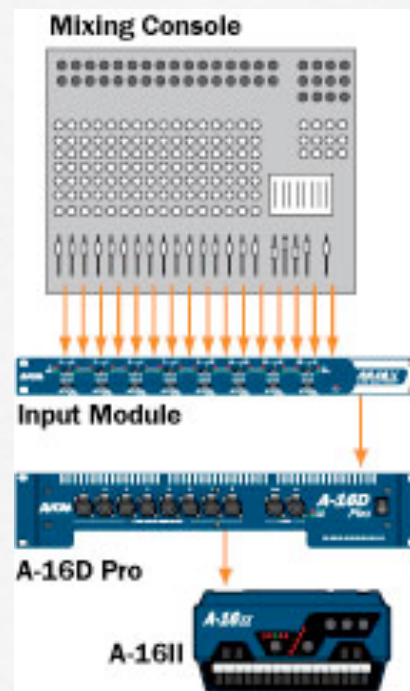
GEAR

In-Ear Monitors



GEAR

In-Ear Monitors



GEAR

*Microphones
and Instruments*

Mixer

Amplifier

Speakers

Cables/Snake

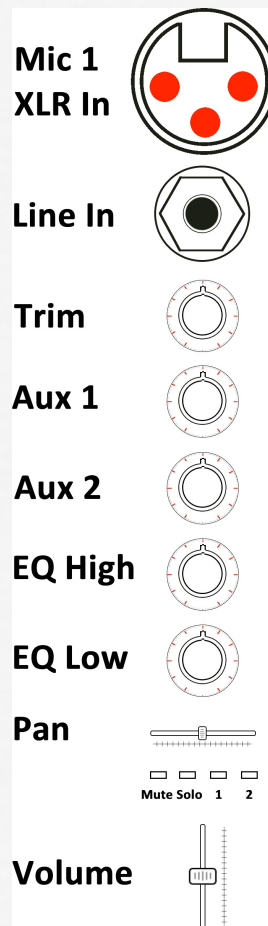
Cables/Snake

Cables

Amplifier

Monitors

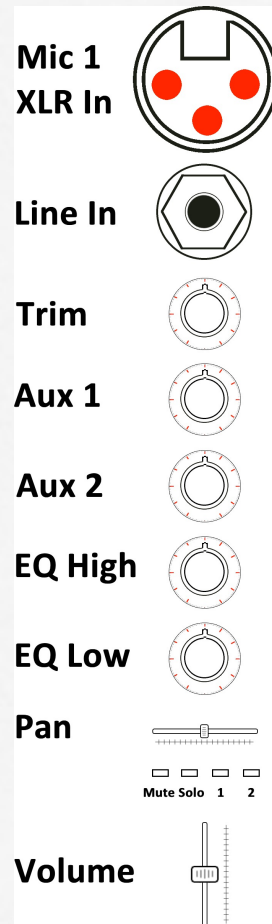
MIXER - THE CHANNEL STRIP



MIXER - SUB MIXES



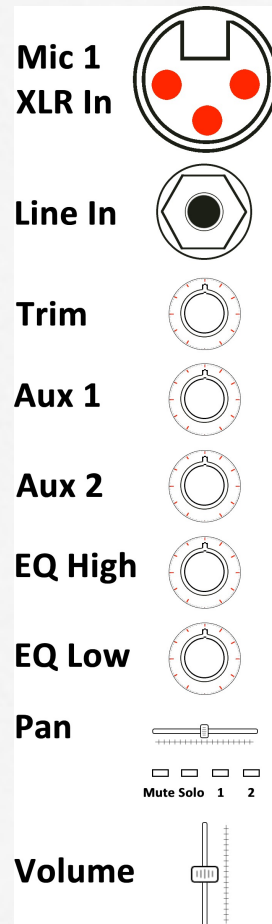
NOW FOR THE DIGITAL VERSION



Watch video - StudioLive Intro-1

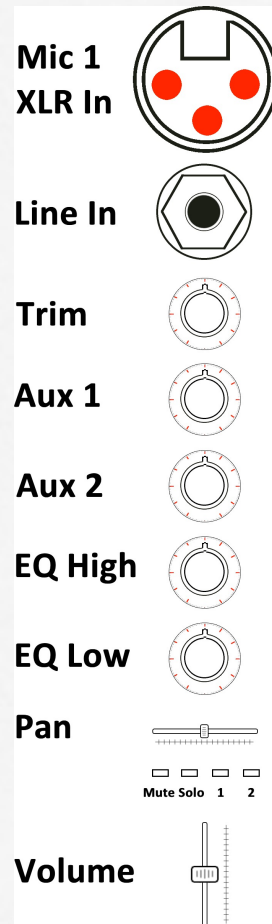
<https://www.youtube.com/watch?v=O7wDifYxE9c>

NOW FOR THE DIGITAL VERSION



Watch video - StudioLive Intro 2
<https://www.youtube.com/watch?v=Iocro0AK1WA>

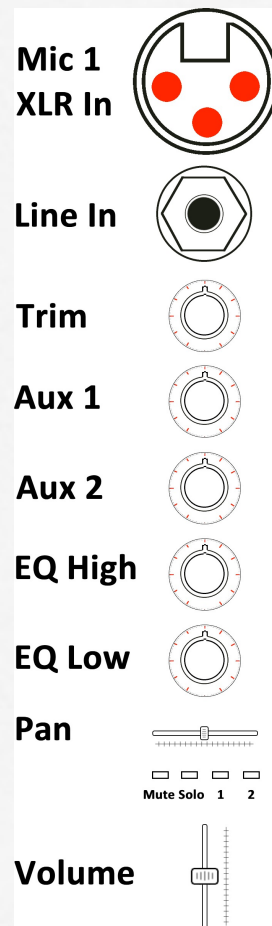
NOW FOR THE DIGITAL VERSION



PreSonus Downloads

<http://www.presonus.com/support/downloads/StudioLive-24.4.2>

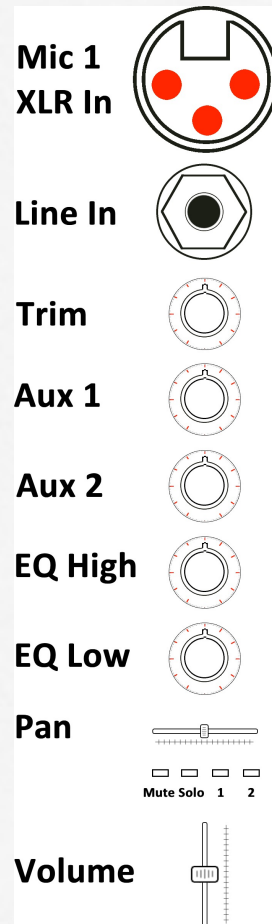
NOW FOR THE DIGITAL VERSION



Studio Live - Product Manual

[http://www.presonus.com/downloads/products/pdf/
StudioLive2442-1642_OwnersManual_EN3.pdf](http://www.presonus.com/downloads/products/pdf/StudioLive2442-1642_OwnersManual_EN3.pdf)

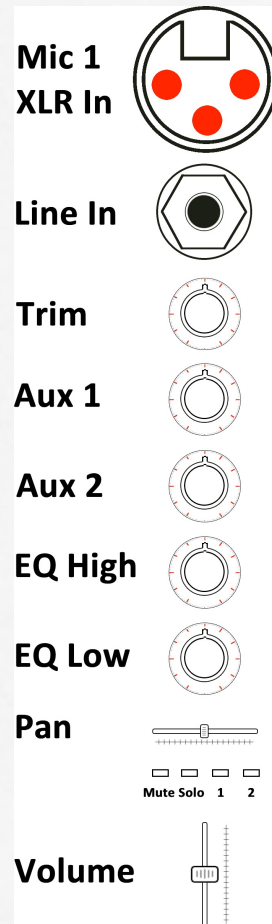
NOW FOR THE DIGITAL VERSION



Using Logic to Record

<https://www.youtube.com/watch?v=KmFialCZlOU>

NOW FOR THE DIGITAL VERSION



Remote Control with an iPad
<https://www.youtube.com/watch?v=1enkzuX-Z5A>

SOUND REINFORCEMENT MANUFACTURERS - MIXERS

- ✱ PreSonus
- ✱ Mackie
- ✱ Allen and Heath
- ✱ Peavey
- ✱ Yamaha
- ✱ Taft
- ✱ Carbin
- ✱ Avid
- ✱ Behringer

LEARN MORE

✱TI:ME Sessions at OMEA/TI:ME National Conference

✱OMEA program book - or download Guidebook App - search for OMEA Professional Conference, download 2015.

✱Check sessions in room 17-21

✱Books *Audio, Video, and Media in the Ministry* (Thomas Nelson Guide Series)

✱<http://www.amazon.com/>

✱TI:ME Courses and Certification

✱<http://www.ti-me.org>

✱<http://vfcc.edu/musictechnology/>

✱Advanced Study

✱<http://valleyforge.edu/musictechnology/>



GARAGEBAND FOR THE IPAD

✱OMEA - Room 19 - 10:45

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THE END

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