For:
- **Backbone Radio™**
- **Backbone Talk™**
- **Backbone Co-Host™**

Your Station Anywhere

Configuring Mix-Minus In Talk Radio Production

MIX-MINUS ELIMINATES ECHOES
To Callers & Guests by removing the **Bridge Mix** audio from the returning **FX Bus Mix**

Reporters & Remotes via LUCI

Call-In Phones

SIP Remotes via COMREX and others

TALK | CO-HOST | BRIDGE | PBX

* **ALL CALLERS & GUESTS IN CONFERENCE/OnAir**
Automatically Mix-Minused in the Bridge

Live and Automation

BACKBONE RADIO

Streaming to Listeners

Show Mix

Bridge Mix

FX Bus Mix

INTERNET

Router

Mix-Minus Area

IMPORTANT
Turn OFF
FX (or AUX) knob
@ LINE IN (5/6)

All Audio, Minus Calls from Bridge
FX SEND
FX BUS OUT, to Bridge

Audio Pair

Mix of Calls from Bridge
LINE IN
*LINE IN, e.g. ch 5/6, set 0dB

Audio Pair

MICS IN

Local Hosts
XLR Mics
Ch 1 & 2
~ 0dBm

Main FX knob ON ~ 0dB

USB Mixer
- Main Bus, is on USB
- FX Bus, on Analog I/O

(if no FX Bus, use AUX)

USB Port

< Producer/Live Assist

USB Cable

MAIN BUS OUT, to AIR

SHOW MIX to AIR >
All Audio, Incl. All Calls

OR

USB Audio Converter
e.g., M-Audio® M-Track

Audio Pair

USB

Ethernet Cable, recommended

Mac rear panel

Audio line out
Audio line in
Four USB 2.0 ports (up to 480 Mbps)
FireWire 800 port (up to 800 Mbps)
Thunderbolt port (up to 10 Gbps)
Gigabit Ethernet port

Producer/Screener Mac

NOTE: Remember to set your Mac's Audio Input and Output settings to M-Audio or other device if using a USB converter.
See video at http://bit.ly/2e1CQEv

backbone
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