

# Sound Manual

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# Overview

## Introduction:

The Midas ProX Mixer is a professional-grade sound mixing console designed to provide high-quality audio output. This operating manual is intended to guide you through the process of setting up and using the Midas ProX Mixer sound system.

## Basic Controls:

1. Gain - Adjusts the input level of each channel.
2. EQ - Adjusts the frequency response of each channel.
3. Pan - Determines the balance of the sound between the left and right outputs.
4. Fader - Controls the output level of each channel.
5. Bus - Determines which channels are sent to which outputs.

## Advanced Controls:

1. Effects - Allows you to add reverb, delay, and other effects to the sound.
2. Compression - Reduces the dynamic range of the audio signal.
3. Routing - Determines how the audio signal flows through the mixer.
4. Scene - Saves and recalls different configurations of the mixer's settings.

# Setup procedure

## Starting up the Audio System

### Step #1

- Turn on the Audio Power racks.



**Step #2: Turn on all 3 consoles**


- **Make sure the status light at the right corner of the screen turns green on all consoles**

- Monitor Console:
- Front of House Console:
- Streaming Console.



# Post Service Procedure

The Service Delivery Department is an exceptional body responsible for the complete flow and delivery of each service/program/event. This team is also responsible for the successful streaming of church services and events to various streaming platforms

	PRODUCTION ELEMENTS				
	LED Wall	Audio	Side Screens	Streaming	Stage Management
M	Splashscreen for cocktail hour + Leading Ladies Title graphic?	<b>PRO PRESENTER</b>	Jazz Music from Spotify (Jazz Playlist - slow)	Start recording (right away) <b>Not streaming to YouTube, only to zoom meeting</b>	
M	Generic LL graphic - Welcome to Leading	<b>MIN</b>	Live Feed	Live Feed	Tomike to enter from PPV side and exit PWA Match LED colors and focus ed on MC

At its core, the Service Delivery Department aims to achieve the following objectives:

- Deliver services that usher in the presence of God.
- Innovate and introduce creativity in the way we do service productions.
- Continuously improve and look for ways to elevate our offerings.

# Troubleshooting

If you experience any issues with the sound system, try the following steps:

1. Check all connections to ensure they are properly connected.
2. Check the power supply to ensure it is connected and functioning correctly.
3. Check the gain levels to ensure they are not too high and causing distortion.
4. Check the output levels to ensure they are not too high and causing distortion.
5. Check the routing settings to ensure the audio is being sent to the correct outputs.

# Additional features

## Terms

**Audio Inputs:** Audio input devices allow a user to send audio signals to a computer/Music Console for processing, recording, or carrying out commands. Examples are Drums, Guitar, Microphones, Keyboards/Piano, Saxophone etc.

**Audio Outputs:** An audio output, or also known as audio out, drives a signal (digital or analog) into another device's audio input. Examples are Speakers, In-Ear-Monitors, recording devices etc.

**Mixing Consoles:** A mixing console or mixing desk is an electronic device for mixing audio signals, used in sound recording and reproduction and sound reinforcement systems. Examples are Midas, Yamaha, Behringer, Soundcraft etc.

Note: House of Praise has 3 consoles for different uses (Monitors, Front of House (FOH) and Streaming)



**Midas ProX**

**In-Ear-Monitors (IEM):** are devices used by musicians, audio engineers and audiophiles to listen to music or to hear a personal mix of vocals and stage instrumentation for live performance or recording studio mixing. Examples are Shure, Sennheiser, Audio Technica, Sony etc.





Shure SE215

**In-Ear-Monitors Belt Pack receiver (IEM belt packs):** To receive in-ear mixes on stage, you need a set of wireless transmitters to send audio from the board's auxiliary outputs. Individual mixes get sent wirelessly to the belt pack receivers worn on stage via specific radio frequencies. Examples are Shure, Sennheiser etc.



Sennheiser XSW IEM

**XLR (External line return) Cables:** An XLR connector is a type of electrical connector used mostly in professional audio and video electronics cabling applications such as for stage microphones and other analog sound equipment, as opposed to home audio/video equipment using RCA

connectors.



Male and female XLR connector

**Quarter Inch Jack:** A 1/4" phone connector, also known as a phone jack, audio jack, headphone jack or jack plug, is a family of electrical connectors typically used for analog audio signals. All Electronics stocks a wide range of 1/4" plugs and jacks for various applications.



Ugreen 1/4" jack cable