

Yamaha MG12XU: Recording with an Audio Interface and Sending Processed Audio from a Computer

Case 1: Sending Audio from Your Computer to the MG12XU Mixer

This setup allows you to send audio from your computer (via your audio interface) to the Yamaha MG12XU mixer, whether for a live performance, rehearsal, or simple listening.

It also lets you use a microphone or instrument connected to the audio interface to access your plugins (Autotune, Reverb, Delay, etc.) directly in your DAW, then send the processed audio to the mixer and speakers.

Steps:

1. Connect and power on your audio interface, then plug it into your computer via USB.
2. In your audio software (FL Studio, Ableton, Logic, etc.), select your audio interface as the input and output device.
3. On the back of the interface, use Line Outputs 1 and 2, usually 1/4" jacks (TRS or TS).
4. On the Yamaha MG12XU, plug them into a stereo input channel (5/6, 7/8, 9/10, or 11/12):
 - Output 1 → L
 - Output 2 → R

Tip:

If you're using a mic connected to the interface, be sure to disable direct monitoring in the interface software (or your DAW) to avoid duplicate audio (echo effect).

If you're using a condenser microphone, make sure to activate 48V phantom power on your interface. For a dynamic mic, 48V is not needed.

Case 2: Recording Audio from the MG12XU Mixer to an Audio Interface

This setup allows you to record one or more microphones/instruments connected to the MG12XU into your DAW through an audio interface.

Steps:

1. Plug your microphones/instruments into the Yamaha MG12XU input channels.
2. For each channel you want to record:
 - Press the [1-2] button (at the bottom of the channel) to route the signal to "Group 1-2".
 - Also press the [ST] button if you want to hear the sound through the speakers.
3. On the "Group 1-2" section:
 - Activate it using the illuminated button at the top
 - Raise its volume
4. Connect two TRS jack cables from the Group Out 1-2 outputs of the Yamaha mixer to the inputs of your audio interface.
5. In your DAW:
 - Select the audio interface as your audio device
 - Assign inputs 1 and 2 to the desired tracks
 - Arm the tracks for recording

Tip:

The [1-2] button must be pressed on every channel you want to record; otherwise, the signal will not be routed to the Group Out.