Getting the sound to the speakers

3. Connect the included power cord. First, connect it to the mixer’s [AC IN] jack, then to a power outlet.

NOTE: Always turn the power switch on before connecting the power cord.

4. Turn the [MASTER LEVEL] control (white knobs) and another [LEVEL] control to set the desired volume.

5. Connect the [MIC/LINE] line inputs (channels 1–4). Connect microphones, guitars, keyboards, and other instrumental or audio devices. Channels 3 and 4 provide combo jacks that support both XLR and 1/4" input plugs.

6. Turn the volume of the connected source (if applicable) up to the "0" position.

7. Turn on the power of the connected equipment device.

NOTE: The [LEVEL] control lights are turned on.

8. Make sure that all channels are connected to the appropriate input channels and that the corresponding frequency bands are turned on.

9. Turn the [LEVEL] controls on each channel as necessary to set the desired volume.

Making optimum volume settings

When the volume is too loud

1. Turn the (LEVEL) control to the minimum (zero). Set the [MIC/LINE] switch on the "MIC" position, then slowly raise the (LEVEL) control until the desired volume is reached.

When the volume is too soft

1. Turn the (LEVEL) control to the maximum (zero). Set the [MIC/LINE] switch on the "MIC" position, then slowly raise the (LEVEL) control until the desired volume is reached.

Applying Reverb

The EMX2 is equipped with a built-in reverb processor that is in the same league as our famous S900 effect processor. This setup lets you simulate the acoustics of different performance environments, such as concert halls and small clubs, and add warm, natural ambience to your vocals or instrument performance.

1. Press the [REVERB] button to turn it on.
2. Turn the [TYPE/TIME] control to the desired reverb type and time (length).
3. Use the [LEVEL] control to adjust the reverb amount of the corresponding channel.

If necessary, repeat steps 2 and 3 to determine the optimum reverb setting.

Controls and Functions

Control panel

1. Mic/LINE input jacks (channels 1–4)
2. Line-level inputs (channels 5, 6, 7, 8/10)
3. [MONITOR OUT] jack
4. [REVERB FOOT SW] jack
5. [MONO] button/LED
6. [STEREO/L MONO] switches
7. [PFL] switch
8. [LEVEL] controls
9. [MASTER EQ] control
10. [BASS BOOST] switch
11. [REVERB] button/LED
12. [MONITOR OUT] control
13. [MONITOR OUT] jacks
14. [LEVEL] controls
15. [BASS] switch
16. [LEVEL] controls
17. [POW. LIMIT] switch
18. [CHANNEL FUSE] switch
19. [AC IN] jack
20. [MONITOR OUT] control

1. Mic/LINE input jacks (channels 1–4)
Connect microphones, guitars, keyboards, and other instrumental or audio devices. Channels 3 and 4 provide combo jacks that support both XLR and 1/4" input plugs.

2. Line-level inputs (channels 5, 6, 7, 8/10)
Connect line-level devices such as electronic instruments, acoustic-electric guitars, CD players, and portable audio players. These jacks support phone, XLR, and stereo mini plugs.

3. [MONITOR OUT] jack
This is a 1/4" phone output. If the [MONITOR OUT] jacks are used at the same time, the phones will play both the signal from the mixer and the signal from the device connected to the [LEVEL] control.

4. [REVERB FOOT SW] jack
This is a foot switch to control an external switch which turns the Yamaha FC9 on and off. You can trigger the switch on and off at a speed set to your taste.

5. [MONITOR OUT] control
Determines the signal level output from the [MONITOR OUT] jacks. [MASTER LEVEL] control does not affect the [MONITOR OUT] signal.

6. Equalizer controls (HIGH, MID, LOW)
The equalizer is a three-band equalizer with separate (HIGH), (MID), and (LOW) audio frequencies. Turning the control to the right fattens ( Boosts) the corresponding frequency band, while turning it to the left sharpens (Cuts) it.

7. [REVERB] button/LED
When the [REVERB] button is lit, you can apply this effect. The LED lights when you turn on the [REVERB] button.

8. [LEVEL] controls
These control the volume for each channel when the [REVERB] button is lit.

9. [STEREO/L, MONO] switches
These switches allow you to assign the signals from this 6 and 8 channels to each left and right speaker and output each together. Setting the switch to "MONO" will output the signals in a stereo line input (stereo line input channel), and it outputs to the same speaker both left and right speaker. If you connect with multiple microphones, guitar, or other non-balanced audio sources, when the switch is set to "STEREO," the stereo jacks can be connected used as multiple mono jacks.

10. [BASS BOOST] switch
This switch boosts the output level from the [LEVEL] control.

11. [LEVEL] controls
These controls adjust the volume for each channel. To reduce feedback, set the [LEVEL] control on unused channels to the minimum.

12. [MONITOR OUT] control
Use the [LEVEL] control to adjust the overall output volume. This is a useful feature when outputting to a mixing console. This control is linked to the output level of the [LEVEL] control to achieve a smooth and precise output on the next channel.

13. [LEVEL] controls
These controls adjust the volume for each channel. To reduce feedback, set the [LEVEL] control on unused channels to the minimum.

14. [MASTER EQ] control
Use this control to adjust the overall sound balance. The center position “0” is a basic setting with no turn, i.e., all recordings are made as they are. Adjusting the [MASTER EQ] control changes the input levels of the channels, and the [BASS BOOST] LED lights when the level boost function is active, giving you an even basepower base tone.

15. [LEVEL] controls
Use these controls to adjust the volume for each channel. To reduce feedback, set the [LEVEL] control on unused channels to the minimum.

16. [BASS BOOST] switch
This switch boosts the output level from the [LEVEL] control.

17. [REVERB] button/LED
When the [REVERB] button is lit, you can apply this effect. The LED lights when you turn on the [REVERB] button.

18. [LEVEL] controls
These controls adjust the volume for each channel. To reduce feedback, set the [LEVEL] control on unused channels to the minimum.

19. [MONITOR OUT] control
Determines the signal level output from the [MONITOR OUT] jacks. [MASTER LEVEL] control does not affect the [MONITOR OUT] signal.

20. [LEVEL] controls
These controls adjust the volume for each channel. To reduce feedback, set the [LEVEL] control on unused channels to the minimum.
2. Use the screws you removed in Step 1 to securely install the RK-EMX Rack-Mount Kit (solid or assembled). Orient the RK-EMX rack-mount brackets with the engraved labeling facing toward the rear. Orient the rack-mount bracket with the handle installed toward the rear. Detach the handle-mount bracket facing toward the rear. The mixer can be rack mounted without the handle installed.

**NOTE**
- Do not use the device in a confined, poorly-ventilated space, as this may result in overheating, possibly damaging the device. If the device is left in a confined space for too long, make sure there is adequate space around the device to allow for air circulation. Allow the on-off switch to cool down, then press it to turn the device on and off. Do not leave the device in a location where it may come into contact with water or rain. Use the device only within the specified temperature range.
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**Troubleshooting**
Check the following items before contacting a Yamaha dealer.

**Power does not come on.**
- Did you firmly and securely connect the speaker cables?
- Is the [POWER] LED flashing at intervals?
- Is the [GFI] protection switch set to [LIVE]?
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