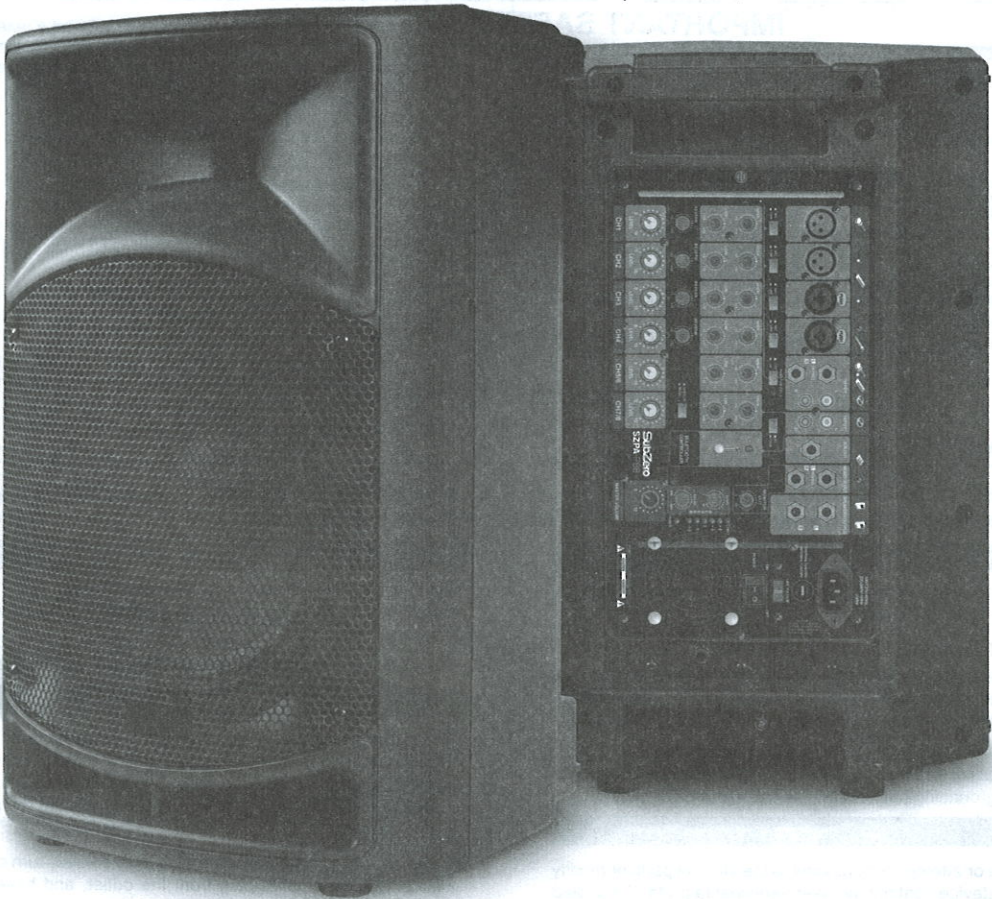


SubZero

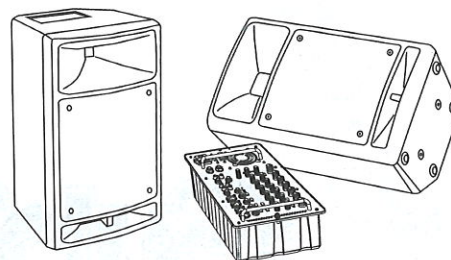
SZPA-P88/P810

INSTRUCTIONS MANUAL

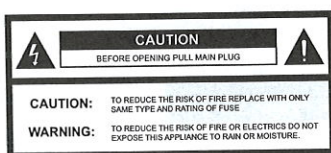


DESCRIPTION

SZPA-P88/P810 is a speakers system with a removable 8 channels powered Class D mixing module. Designed for portable sound reinforcement systems. Multiple inputs make it ideal for various bands and presenters. Also has USB connection and built-in player. Additional outputs for monitors and subwoofer make this system the most complete and versatile option with 1600W max power.



PRECAUTIONS



Explanation of Graphical Symbols

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

IMPORTANT SAFETY INSTRUCTIONS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

PLEASE READ CAREFULLY BEFORE PROCEEDING

* Please keep this manual in a safe place for future reference.



WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

Power supply/Power cord

- Only use the voltage specified as correct for the device. The required voltage is printed on the name plate of the device.
- Use only the included power cord.
- Do not place the power cord near heat sources such as heaters or radiators, do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Be sure to connect to an appropriate outlet with a protective grounding connection. Improper grounding can result in electrical shock

Do not open

- Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified service personnel.

Water warning

- Do not expose the device to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings.
- Never insert or remove an electric plug with wet hands.

If you notice any abnormality

- If the power cord or plug becomes frayed or damaged, there is a sudden loss of sound during use of the device, or any unusual smells or smoke should appear, turn off the power switch, disconnect the electric plug from the outlet immediately, and have the device inspected by qualified service personnel.
- If this device is dropped or damaged, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the device inspected by qualified service personnel.





CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the device or other property. These precautions include, but are not limited to, the following:

Power supply/Power cord

- Remove the electric plug from the outlet when the device is not to be used for extended periods of time, or during electrical storms.

When removing the electric plug from the device or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.

Location

- When transporting or moving the device, always use two or more people. Attempting to lift the device by yourself may damage your back, result in other injury, or cause damage to the device itself.
- Before moving the device, remove all connected cables.
- When setting up the device, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet.
- Do not use the device in a confined, poorly ventilated location. Make sure that there is adequate space between the mixer and surrounding walls or other devices: at least 1' ft. at the side, 1' ft. behind and 1' ft. above. If the mixer is to be used installed into the speaker cabinet, make sure to allow adequate space between the speaker and the surrounding walls or other devices: at least 1' ft. at the sides, 1' ft. behind and 1' ft. above. Inadequate ventilation can result in overheating, possibly causing damage to the device(s), or even fire.
- Do not use the speaker's handles for suspended installation. Doing so could result in damage or personal injury.
- Avoid setting all equalizer controls and faders to their maximum. Depending on the condition of the connected devices, doing so may cause feedback and may damage the speakers.
- Do not expose the device to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not place the device in an unstable position where it might accidentally fall over.
- Do not block the vents. This mixer has ventilation holes at the top to prevent the internal temperature from becoming too high. In particular, do not place the device on its side or upside down. Inadequate ventilation can result in overheating, possibly causing damage to the device(s), or even fire.
- Do not use the device in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Doing so may result in noise, both in the device itself and in the TV or radio next to it.

IMPORTANT

Please record the serial number of this unit in the space below.

Model: Serial
No.:

The serial number is located on the bottom or rear of the unit. Retain this Owner's Manual in a safe place for future reference.

Connections

- Before connecting the device to other devices, turn off the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.

For the SPEAKERS jacks, Use only the included speakers and speakers cables. Use of other types of speakers and cables may result in damage to the device(s), or even fire.

Handling Precautions

- When turning on the AC power in your audio system, always turn on the device LAST, to avoid speaker damage. When turning the power off, the device should be turned off FIRST for the same reason.
- Do not insert your fingers or hands in any gaps or openings on the device (vents, ports, etc.).
- Avoid inserting or dropping foreign objects (paper, plastic, metal, etc.) into any gaps or openings on the device (vents, ports, etc.). If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the device inspected by qualified service personnel.
- Do not use the device for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician immediately.
- Do not operate the device if the sound is distorting. Prolonged use in this condition could cause overheating and result in fire.
- Do not rest your weight on the device or place heavy objects on it, and avoid use excessive force on the buttons, switches or connectors.

Protective Circuit (poly switch)

All full-range loudspeakers are fitted with a self-resetting poly switch that protects the high-frequency driver from damage caused by excessive power. If a loudspeaker cabinet loses high-frequency output, immediately remove power from the unit and wait for two to three minutes. This should be long enough to allow the poly switch to reset. Reapply power and check the performance of the high frequency driver before continuing, with the power reduced to a level that does not cause the poly switch to interrupt the signal.

Interference From Cell Phone

Using a cell phone near the speaker system can induce noise. If this occurs, move the cell phone further away from the speaker system. Air blowing out of the bass reflex ports is normal, and often occurs when the speaker is handling program material with heavy bass content.

The manufacturer will not be responsible for damage caused by improper use or modification to the device.

Always turn the power off when the device is not in use. The performance of components with moving contacts, such as switches, volume controls, and connectors, deteriorates over time. Consult qualified service personnel about replacing defective parts.

SPECIFICATIONS

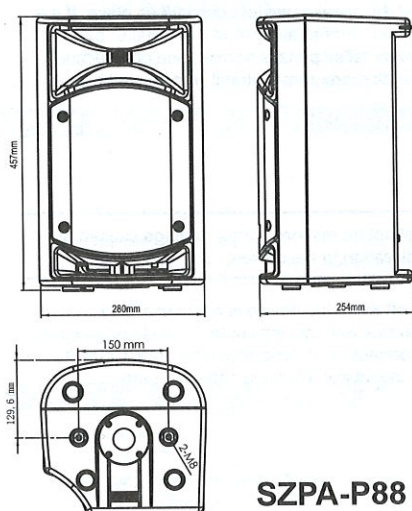
MIXER	SZPA-P88	SZPA-P810
MONO inputs	(4) 2x LINE/MIC IN (XLR) + 2x LINE/MIC IN (COMBO)	(4) 2x LINE/MIC IN (XLR) + 2x LINE/MIC IN (COMBO)
STEREO inputs	(2) 1x LINE IN (2x JACK/RCA) + 1x LINE IN (2x RCA)	(2) 1x LINE IN (2x JACK/RCA) + 1x LINE IN (2x RCA)
EQ	HIGH 10KHz (± 15 dB), LOW 100Hz (± 15 dB)	HIGH 10KHz (± 15 dB), LOW 100Hz (± 15 dB)
PHANTOM power	+15V CH1-2	+15V CH1-2
Internal Effect	REVERB (CH1-4)	REVERB (CH1-4)
Outputs	MONITOR OUT (2x JACK), SUB OUT (1x JACK), SPEAKER OUT (2x JACK)	MONITOR OUT (2x JACK), SUB OUT (1x JACK), SPEAKER OUT (2x JACK)
Main EQ	SPEECH/MUSIC selector	SPEECH/MUSIC selector
Metering	6 LED VU-meter	6 LED VU-meter
MULTIMEDIA		
Player Type	Bluetooth	Bluetooth
Compatible File Formats	WAV, MP3, WMA	WAV, MP3, WMA
AMPLIFIER		
Amplifier Type	CLASS D with SMPS	CLASS D with SMPS
RMS Power	2x150W @4 Ω (1KHz, 1% THD)	2x150W @4 Ω (1KHz, 1% THD)
Frequency Response	MUSIC: 20Hz - 20KHz, SPEECH: 80Hz - 20KHz	MUSIC: 20Hz - 20KHz, SPEECH: 80Hz - 20KHz
LOUDSPEAKER		
Loudspeaker System	2-way system vented	2-way system vented
High Frequency Device	1" compression driver 1" VC - horn loaded	1" compression driver 1" VC - horn loaded
Low Frequency Device	8" woofer with 2" VC	10" woofer with 2" VC
Angular Coverage	90° H x 60° V	90° H x 60° V
Impedance	4 Ω	4 Ω
Frequency Response	70Hz - 20KHz, (± 10 dB)	65Hz - 20KHz, (± 10 dB)
Construction	Black Polypropylene, Metal Grille	Black Polypropylene, Metal Grille
Handles	1 top	1 top
Pole Holder	1 bottom	1 bottom
GENERAL		
Dimensions (W x H x D)	SPEAKER: 28 x 45.7 x 25.4 cm MIXER: 18 x 32 x 9 cm	SPEAKER: 32 x 50 x 29 cm MIXER: 18 x 32 x 9 cm
Weight	SYSTEM: 20 Kg SPEAKER: 8.6 Kg MIXER: 2.4 Kg	SYSTEM: 25 Kg SPEAKER: 10.6 Kg MIXER: 2.4 Kg
Power Supply	110/120V~60/50Hz	110/120V~60/50Hz
Power Consumption	600 W	600 W

Specifications subject to change without notice.

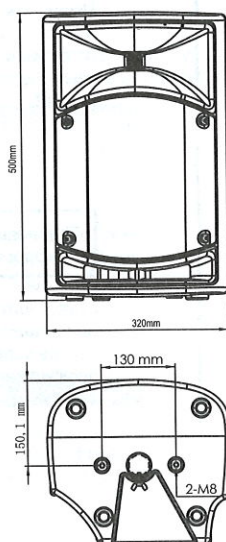
DIMENSIONS

SPEAKER CABINET

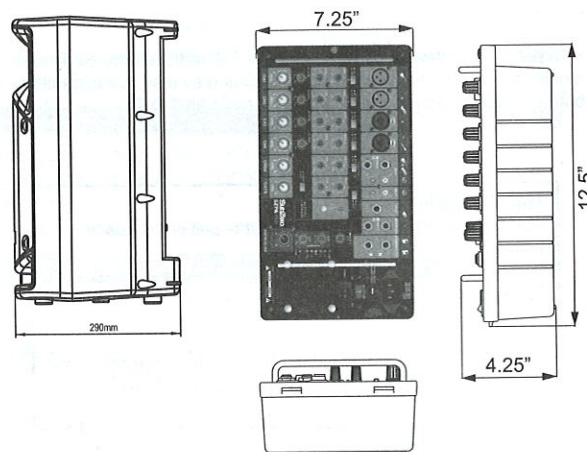
MIXER



SZPA-P88



SZPA-P810



PACKAGE CONTENTS

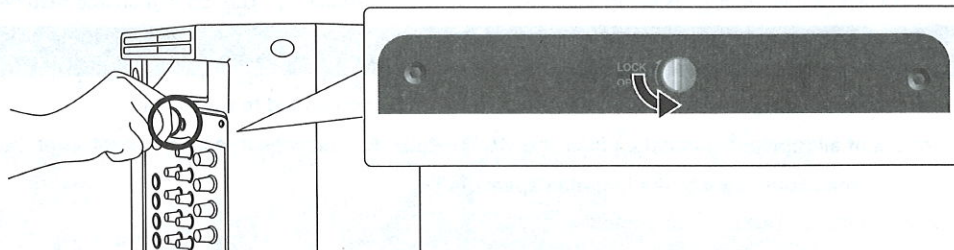
Two speakers, mixer, panel, power cord, two speaker cables, Owner's Manual (this booklet)

NOTE: The mixer and the panel are installed in the speakers when the SZPA-P88/P810 leaves the factory.

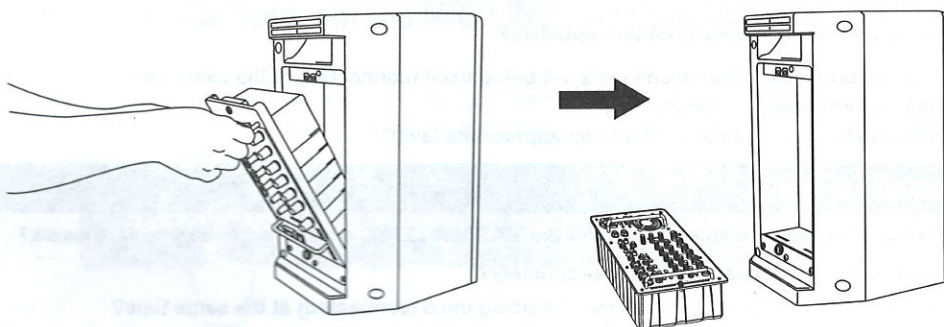
BEFORE TURNING ON THE MIXER

Removing The Mixer

1. Be sure that the mixer's power switch is turned off.
2. Use a screwdriver or coin to turn the screw on the mixer from LOCK to OPEN until it clicks.



3. Securely hold the mixer's handles to remove it from the speaker enclosure.



Use only the mixer's handles when removing the mixer from the speaker and when carrying the mixer separate from the speaker.

NOTE: The mixer can also be used when installed in the speaker.

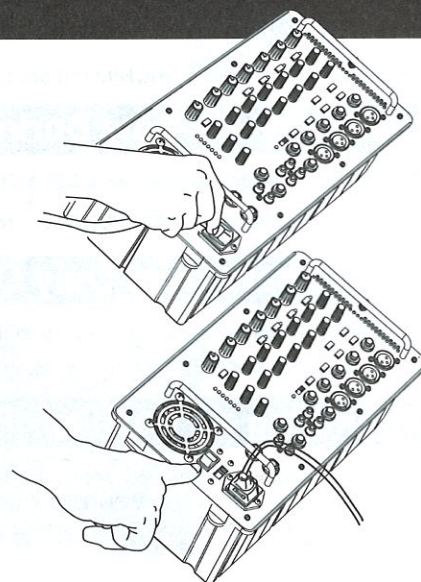
When you install the mixer into the speaker, make sure to match the indentations on the speaker cabinet to the corresponding parts on the mixer, and then turn the screw from OPEN to LOCK until it clicks.

Turning The Power On/Off

1. Be sure that the mixer's power switch is turned off.
2. Connect the included power cord to the [AC IN] jack, and plug the power cord into a power outlet.



- To avoid any loud, unexpected noise from the speakers, first turn on the power to those connected devices that are closest to the sound source. Example: Sound source (CD player or instrument) → SZPA-P88/P810
 - When turning off the power to the system, reverse the order described above.
 - Before turning on the power, set the LEVEL controls and MASTER LEVEL control to their minimum setting (zero).
3. Press the mixer's power switch to the ON position.
To turn the power off, press the power switch to the OFF position.



TROUBLESHOOTING

Mixer and Amplifier Will Not Turn On

- ☐ Is the included power cord correctly connected to a power outlet?

Amplifier Turns Off Suddenly

- ☐ Is the vent on the top panel of the mixer blocked?
Since inadequate ventilation will cause the mixer to overheat, turn off the mixer and uncover the vents to allow the mixer & amplifier to cool. After a few minutes, the mixer should reset itself and can return to normal playback.
- ☐ Is the POWER limiter flashing continuously?
If the POWER limiter is flashing, the amplifier is being used beyond its design capabilities. Turn off and on and resume playback.

No Sound From the Speaker(s)

- ☐ Are external instruments (including a microphone) or speakers correctly connected to the mixer?
- ☐ Are the LEVEL controls of all relevant channels and/or the MASTER LEVEL control set to appropriate levels?
- ☐ Are the SPEAKERS L/R jacks connected to the included speakers?
If there is still no sound, contact qualified service personnel.

Distortion or Noise in the Audio Signal

- ☐ Are the LEVEL controls of all relevant channels and/or the MASTER LEVEL control set to appropriate levels?
- ☐ Are the MIC/LINE switches of each channels set appropriately?
- ☐ Are both XLR type and phono type jacks on channels 1-4 being used (connected) at the same time?
XLR and phono inputs can not be used simultaneously.
- ☐ Is the input signal from the connected device set to an appropriate level?


Output Level is Low

- ☐ Are the LEVEL controls of all relevant channels and/or the MASTER LEVEL control set to appropriate levels?
- ☐ Are the MIC/LINE switches of each channels set appropriately?
- ☐ Are both XLR type and phone type jacks on channels 1-4 being used (connected) at the same time?
XLR and phono inputs can not be used simultaneously.
- ☐ Is the input signal from the connected device set to an appropriate level?


Reverb and Echo Effects are not Apparent

- ☐ Are the REVERB switches of each channels set to ON?
- ☐ Are the two REVERB controls set to their maximum setting?

Sound Level is Powerful During Voice Announcements

- ☐ Is the SPEECH/MUSIC switch set to MUSIC ()?
- ☐ Are the Equalizer controls (HIGH/LOW) set to appropriate level?

Sound Level is Low During Music Playback

- ☐ Is the SPEECH /MUSIC switch set to SPEECH ()?
- ☐ Are the Equalizer controls (HIGH/LOW) set to appropriate level?

Sound Heard from Only One Speaker

- ☐ Are the SPEAKERS L/R jacks connected to the included speakers and Mixer?
You can use only a single speaker by connecting it to the L or R speaker output. Stereo input signal will not be heard correct.

Conencting an Auxiliary Powered Speaker

- ☐ Connect an auxiliary powered speaker to the MONITOR OUT jack. The MONITOR OUT signal bypasses the MASTER LEVEL control. Adjust the level of the MONITOR OUT signal with the MONITOR OUT LEVEL control. If mono signal is desired, use only the L MONITOR OUT jack. The mixer will automatically mix the L and R input signals together.



QUICK GUIDE

QUICK SET UP

Using the included speakers, follow the instructions below:

1 Connect the included speakers and your instruments to the mixer.

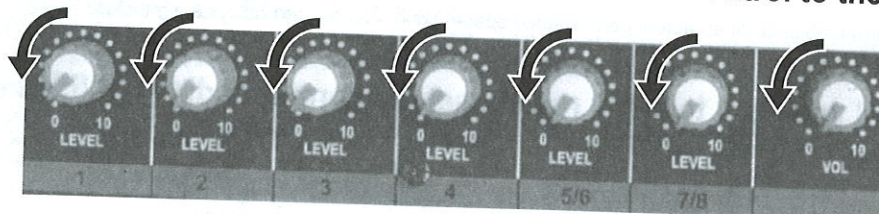
Connect the included speakers to the SPEAKERS L/R jack. Connect the sources (guitar, other instruments) to the input jacks. For details, see "Connection Example".



Before connecting any devices, make sure to turn off the power for all devices (including microphones). Also, before turning the power on or off, set the volume levels on all devices to minimum.

NOTE: For best results when connecting an electric guitar or bass guitar to the mixer, use a direct box, preamp (guitar amp), or amp simulator.

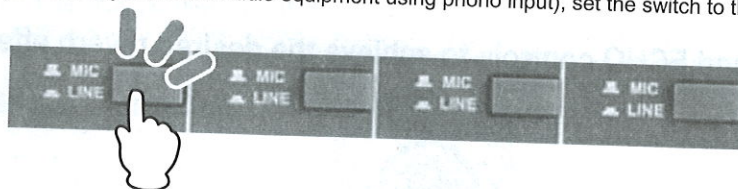
2 Set the mixer's LEVEL controls and MASTER LEVEL control to the minimum (zero).



3 Depending on the device used, set the MIC/LINE switch to MIC () or LINE ()

For low-level signals (such as that of microphones using XLR input), set the switch to the MIC () position.

For high-level signals (such as keyboard and audio equipment using phono input), set the switch to the LINE () position.



NOTE: When using a condenser microphone, set the PHANTOM switch to ON.

4 Turning the power on

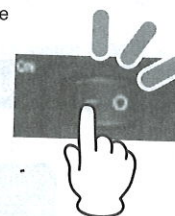
First, turn on the power to any connected devices, then turn the mixer/amplifier power on.

If you've connected powered speakers to the mixer MONITOR OUT, turn on the mixer/amplifier first, then the powered speakers.



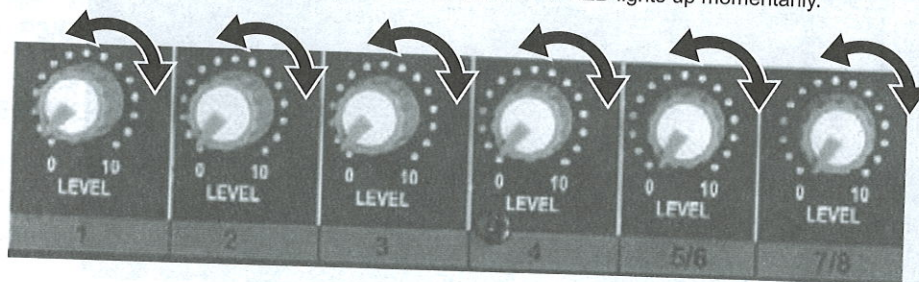
To avoid any loud, unexpected noise from the speakers, first turn on the power to those connected devices that are closest the sound source.

Example: Sound source (CD player or instrument) → MIXER/AMPLIFIER → (Power amplifier).
When turning off the power to the system, reverse the order described above.



5 While playing your instrument or singing into the microphone, adjust the LEVEL control of the corresponding channel.

Adjust the LEVEL Control of the corresponding channel so that the "0" LED lights up momentarily.



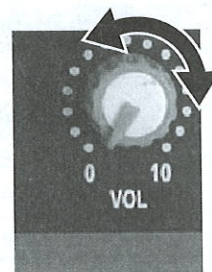
QUICK SET UP

6 Use the **MASTER LEVEL** control to adjust the overall volume.



If the **LIMITER** indicator flashes continuously, the internal power amplifier section is being excessively overloaded and may malfunction.

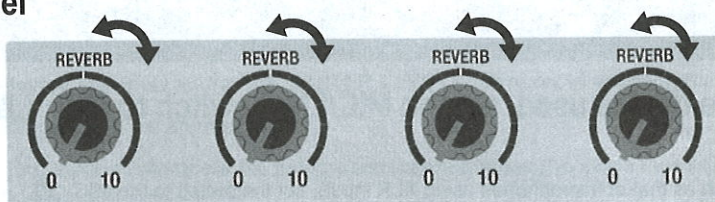
CAUTION



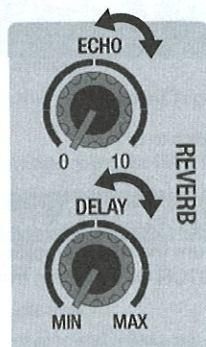
Applying Reverb and Echo Effects

Reverb recreates the warm ambience of an actual performance space, such as a concert hall or a night club.

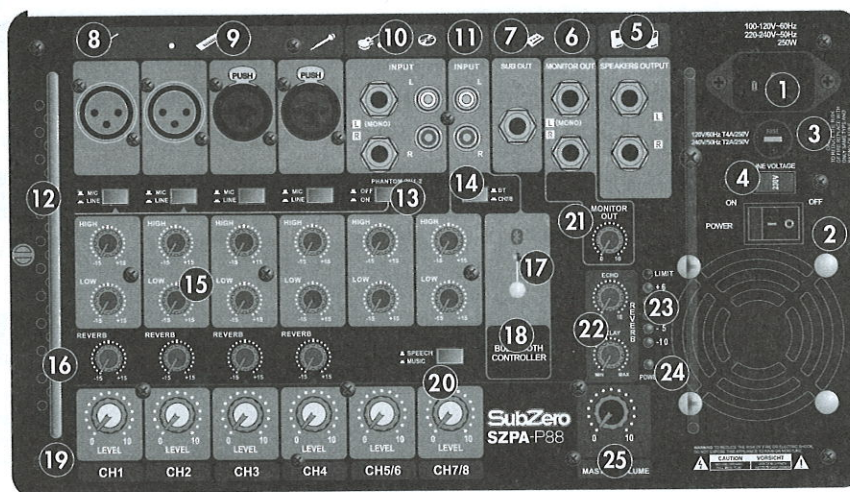
1 For each channel you want to apply reverb, set the corresponding **REVERB** control to adjust the level



2 Use the **DELAY** and **ECHO** controls to achieve the desired reverb effect.



CONTROLS AND FUNCTIONS



CONTROLS AND FUNCTIONS

1 AC IN JACK



Connect the included power cord here.

Be sure to use the included power cord. Use of other cords may result in malfunction, heat generation, or fire.

2 POWER SWITCH

For turning the power to the mixer on and off.

3 FUSE

110V: T4A~250V

220V: T2A~250V

4 VOLTAGE SELECTOR

110V/220V

5 SPEAKERS L/R CONNECTORS (for included speakers only)

These output the mixed signal channels from 1 to 7/8, and the level is adjusted with the MASTER LEVEL control. Connect only the included speakers.

Tip: + positive speaker terminal

Sleeve: - negative speaker terminal

6 MONITOR OUT L (MONO)/R CONNECTORS

These output the mixed signal channels from 1 to 7/8, and the level is adjusted with the MONITOR OUT control. These connectors are convenient for connecting an external powered speaker for monitoring purposes.

Tip: + positive or "hot"

Sleeve: shield or ground

NOTE: When L(MONO) output signal is inserted alone without R output signal, the L(MONO) output signal is the sum of both left & right signals.

7 SUB OUT

Used to connect an active bass speaker box.

Tip: + positive or "hot"

Sleeve: shield or ground

8 XLR CHANNEL INPUTS (CH 1 and 2)

For connecting a balanced or unbalanced microphone, keyboard or other instrument/device. Set the MIC/LINE switch to MIC or LINE for channels 1 and 2, depending on the level of the input signal. XLR-type connectors are wired as follows (IEC60268 standard): pin 1: ground, pin 2: hot(+), and pin 3: cold(-).

9 XLR/TRS/TR CHANNEL INPUTS (CH 3 and 4)

For connecting a balance or unbalanced microphone, keyboard or other instrument/device. Set the MIC/LINE switch to MIC or LINE for channels 3 and 4, depending on the level of the input signal. XLR-type connectors are wired as follows (IEC60268 standard): pin 1: ground, pin 2: hot(+), and pin 3: cold(-). TR-type connectors Tip:"hot" (+), Sleeve: ground

10 TRS/RCA STEREO CHANNEL INPUT CONNECTOR (CH 5/6)

Input the left and right channels of a stereo signal into the respective odd and even channels of the mixer. These inputs are intended mainly for use with instruments and equipment having stereo outputs, such as a synthesizer or CD player. If you have a mono line instrument or device, use the left channel connector with TR jacks.



NOTE: The channel 5/6 input provides two sets of connectors--both TRS connectors and RCA connectors. Either one of these jacks may be used, but not both at the same time. Please connect to only one of these jacks on each channel.

11 RCA STEREO CHANNEL INPUT CONNECTOR (CH 7/8)

Input the left and right channels of a stereo signal. These inputs are intended mainly for use with CD/MP3 players and DJ's surfaces.

NOTE: The RCA Stereo Channel (CH 7/8) it will only work if the MP3/CH7/8 button is pressed.

12 MIC/LINE SWITCH

Set this switch to MIC or LINE for channels 1 to 4, depending on the level of the input signal. For low-level signals (such as that of microphones), set the switch to the MIC () position. For high-level signals (such as keyboard instruments and audio equipment), set the switch to the LINE () position.



To avoid damage to speakers, be sure to turn off amplifiers (or powered speakers) before setting this switch to MIC or LINE. We also recommend that you turn the MASTER LEVEL control to the minimum setting before operating the switch, to avoid excessively loud noises that could cause hearing loss or device damage.

13 PHANTOM SWITCH

If you set the switch on(LED on), the mixer supplies phantom power on to the XLR MIC input connectors on the channels 1 and 2 for professional condenser microphones.





Be sure to leave this switch OFF if the device or instrument that you are using does not require phantom power.

When using phantom power, do not connect any devices other than condenser microphones to the XLR input jacks. Other devices may be damaged if connected to phantom power. This precaution does not apply to balanced dynamic microphones, however, as these will not be affected by phantom power.

To avoid damage to speakers, be sure to turn off amplifiers (or powered speakers) before turning this switch on or off. We also recommend that you turn the MASTER LEVEL control to the minimum setting before operating the switch, to avoid excessively loud noises that could cause hearing loss or device damage.

Check the manual of your microphone to find out for sure whether or not phantom power can damage it.

14 MP3/CH7/8 SWITCH

When you press this switch (), the 7/8 channel street will be assigned to control the RCA STEREO CHANNEL (CH 7/8), if you not press this switch () the 7/8 channel street will be assigned to control de MP3 Player.

15 EQUALIZER

HIGH: Determines the level of the high frequency band for each channel. Rotating the knob clockwise boosts the high frequencies and produces a clearer, crisper sound. If you start getting feedback (a high-pitched squealing sound) or you want to make the sound softer and less harsh, turn the knob counterclockwise slightly.

LOW: Determines the level of the low frequency band for each channel. Rotating the knob clockwise boosts the low frequencies and produces a deeper, warmer sound. If you start getting feedback or you want to make the sound less boomy, turn the knob counterclockwise slightly.

CONTROLS AND FUNCTIONS

16 REVERB CONTROL

Adjust this knob to set the level of the Reverb. Recreate the rich ambience of various performance environments, such as a concert hall or a night club and to give color to the voices and other instruments.

17 BLUETOOTH

Press the button, it will search and connect bluetooth devices automatic.

18 USB CONNECTOR

Use this port to connect your USB memory cards.



19 LEVEL CONTROL



Use these controls to adjust the volume balance among the various channels.

To reduce noise, set any LEVEL controls on unused channels to the minimum.

20 SPEECH/MUSIC SWITCH

Set this switch to VOICE () to optimize the mixer settings and sound quality for speech purposes and announcements. Set this to MUSIC () to optimize the mixer for musical performance.

21 MONITOR OUT CONTROL

Determines the signal level output from the MONITOR OUT connectors.

NOTE: The MASTER LEVEL Control does not affect the signal via the MONITOR OUT Control.

22 REVERB CONTROL

Delay potentiometer controls the amount of the delay effect send to the outputs.

Echo potentiometer sets the number of repetitions of the delay effect.

For best results, these level should not be set very high, to avoid possible feedback and to prevent the sound from becoming "muddy" with too much reverb.

23 LEVEL METER



The LEVEL meter shows the level of the output signal from the SPEAKERS L/R connectors.

If the LIMITER flashes continuously, the internal power amplifier section is being excessively overloaded and may malfunction.

Reduce the output level with the MASTER LEVEL control so that the indicator flashes only briefly on the highest transient peaks

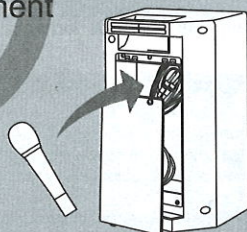
24 POWER INDICATOR

This lights when the POWER switch is ON. When the indicator flashes, the protection circuit is opening. Check that the speaker cable is correctly connected to the mixer and reapply the power.

25 MASTER LEVEL CONTROL

Determines the volume of the signal output from the SPEAKERS L/R connectors and SUB OUT. This allows you to adjust the overall volume without changing the relation volume balance among the various channels (made with the LEVEL controls) or the tone setting (made with the Equalizer).

Convenient built-in
storage compartment



SZPA-P88/P810 features a convenient storage compartment in the speaker box for packing the included power cable, speaker cable, Owner's Manual (this booklet), and microphone and cable. Remove the real panel of the speaker and put in the things you need. Carry the SZPA-P88/P810 with you, and you've got all you need to set up and perform—anywhere, anytime.

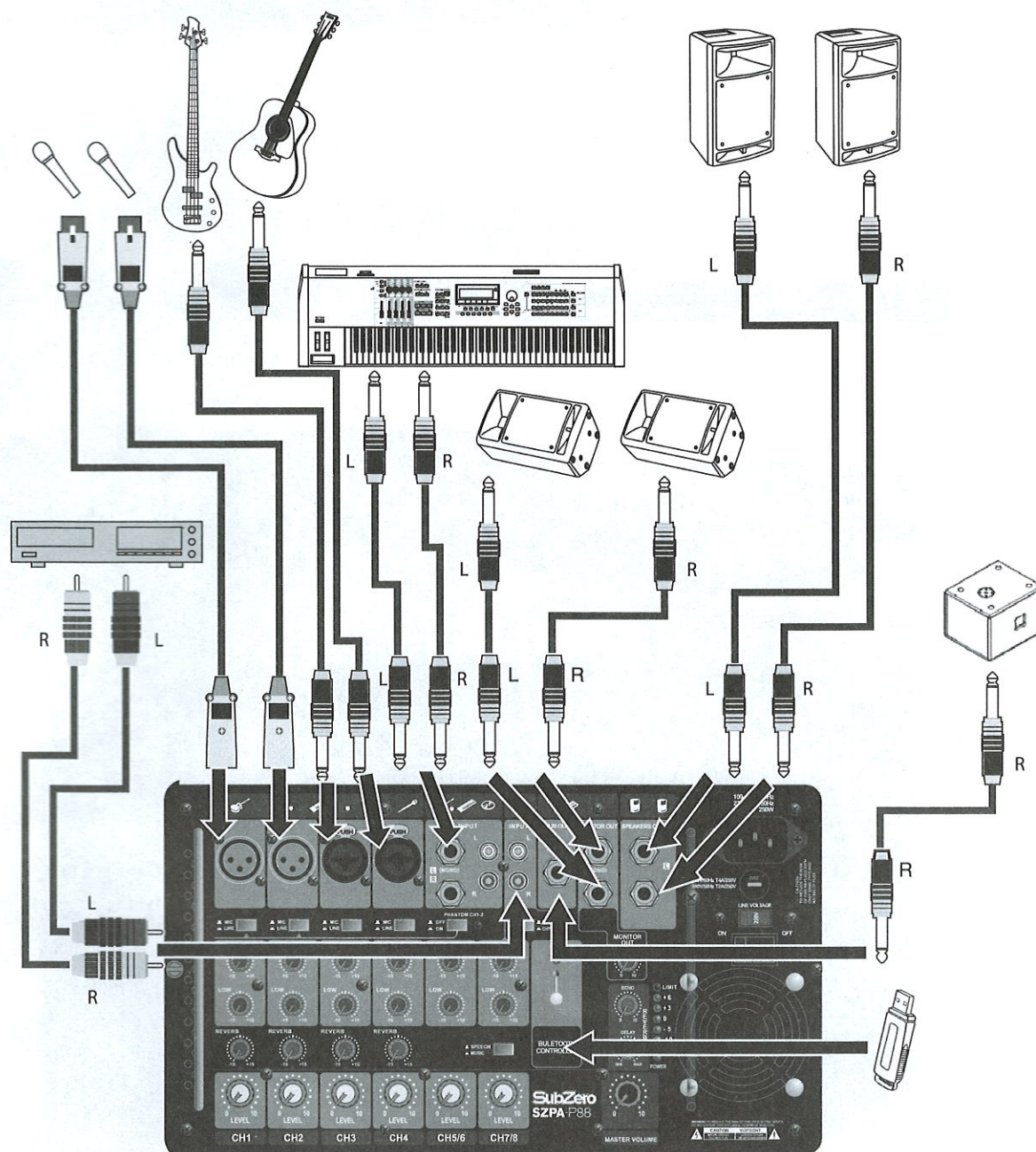
CONNECTION EXAMPLE

The SZPA-P88/P810 can be used in a wide variety of sound reinforcement applications, from a full-band performance onstage to solo street performance-providing a powerful, high-performance system in an exceptionally compact and portable package.

Connect a microphone to the XLR connectors (channels 1 to 4), connect a bass and guitar to the input jacks (3 and 4) and connect a keyboard to the stereo input jacks (channels 5/6 to 7/8).

If you have a powered speaker, you can connect it to the MONITOR OUT jack for monitoring your vocals. For optimum results in band performance applications and to create a more powerful sound for music, make sure to set the SPEECH/MUSIC switch to MUSIC.

NOTE: For best results when connecting an electric guitar or bass guitar to the mixer, use a direct box, preamp (guitar amp), or amp simulator.



If you require any further assistance, please contact the Gear4music hotline on +44 (0)330 365 4444 or at info@gear4music.com