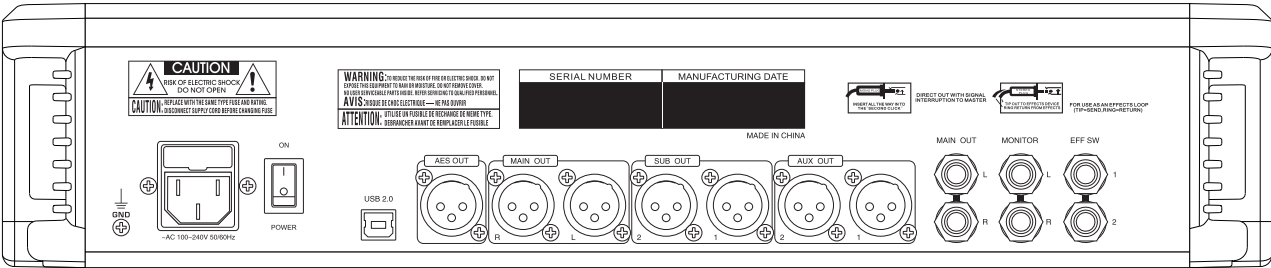
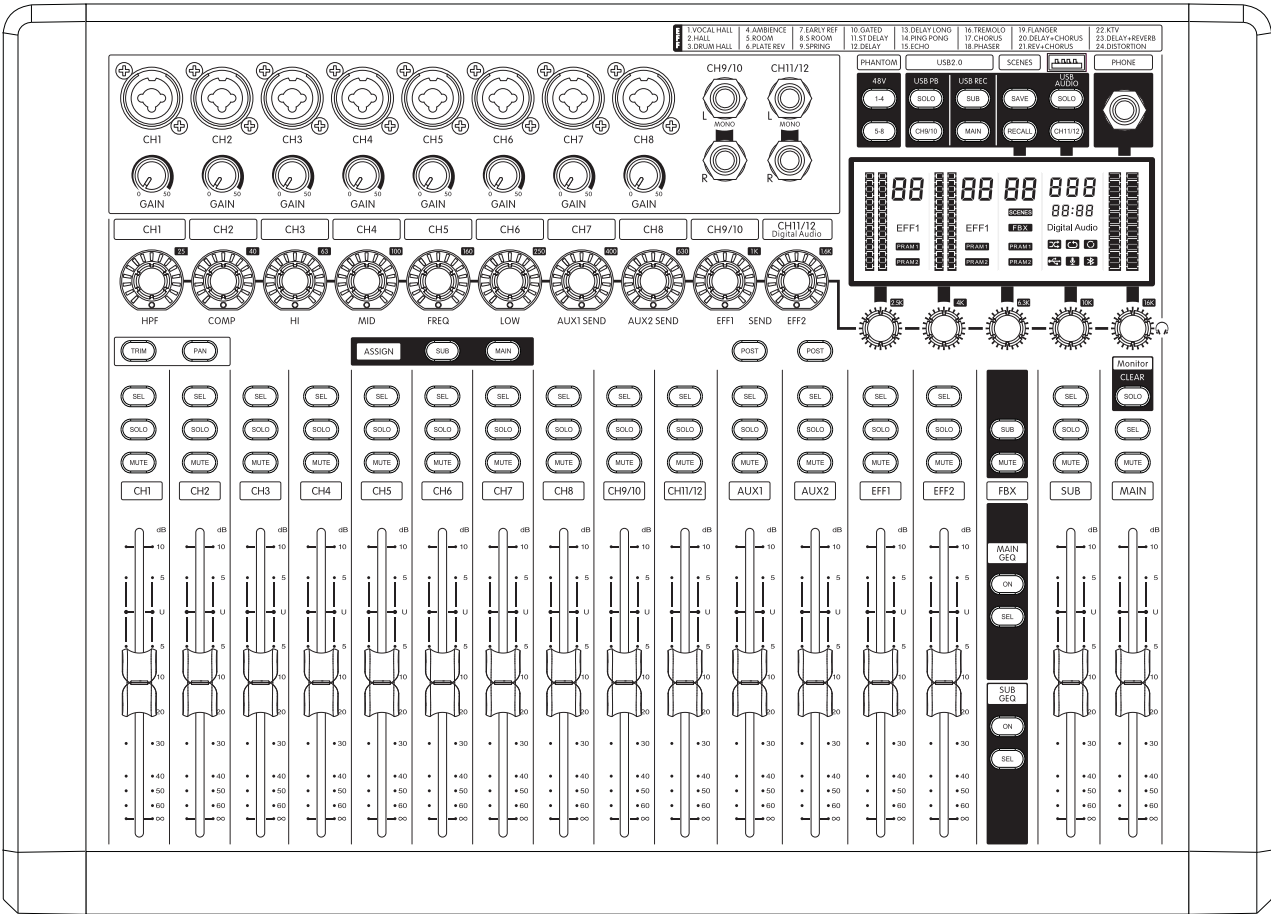


Professional Digital Mixer

OWNERS MANUAL



* the contents of this manual are the latest technical specifications at the time of publication.



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The above warning is located on the rear of the unit.

Explanation of Graphical Symbols

Explication des symboles



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.

L’éclair avec une flèche à l’intérieur d’un triangle équilatéral est destiné à attirer l’attention de l’utilisateur sur la présence d’une « tension dangereuse » non isolée à l’intérieur de l’appareil, pouvant être suffisamment élevée pour constituer un risque d’électrocution.



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.

Le point d’exclamation à l’intérieur d’un triangle équilatéral est destiné à attirer l’attention de l’utilisateur sur la présence d’instructions importantes sur l’emploi ou la maintenance (réparation) de l’appareil dans la documentation fournie.

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 your 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.



ATTENTION

RISQUE DE CHOC
ELECTRIQUE-NE PAS OUVRIR



ATTENTION :

POUR RÉDUIRE LES RISQUES D'ÉLECTROCUTION, NE PAS RETIRER
LE CAPOT (OU LE DOS). NE CONTIENT PAS DE PIÈCES NÉCESSITANT
L'INTERVENTION DE L'UTILISATEUR. POUR TOUTE INTERVENTION,
FAIRE APPEL À DES PROFESSIONNELS QUALIFIÉS.

L'avertissement ci-dessus est situésur l'arrière de l'unité.'ave

PRÉCAUTIONS CONCERNANT LA SÉCURITÉ

- 1 Lire ces instructions.
- 2 Conserver ces instructions.
- 3 Tenir compte de tous les avertissements.
- 4 Suivre toutes les instructions.
- 5 Ne pas utiliser ce produit à proximité d'eau.
- 6 Nettoyer uniquement avec un chiffon propre et sec.
- 7 Ne pas bloquer les orifices de ventilation. Installer l'appareil conformément aux instructions du fabricant.
- 8 Ne pas installer l'appareil à proximité d'une source de chaleur comme un radiateur, une bouche de chaleur, un poêle ou tout autre appareil (y compris un amplificateur) produisant de la chaleur.
- 9 Ne pas modifier le système de sécurité de la fiche polarisée ou de la fiche de terre. Une fiche polarisée dispose de deux broches dont une est plus large que l'autre. Une fiche de terre dispose de deux broches et d'une troisième pour le raccordement à la terre. Cette broche plus large ou cette troisième broche est destinée à assurer la sécurité de l'utilisateur. Si la fiche équipant l'appareil n'est pas compatible avec les prises de courant disponibles, faire remplacer les prises par un électricien.
- 10 Acheminer les cordons d'alimentation de sorte qu'ils ne soient pas piétinés ni coincés, en faisant tout spécialement attention aux fiches, prises de courant et au point de sortie de l'appareil.
- 11 Utiliser exclusivement les fixations et accessoires spécifiés par le fabricant.
- 12 Utiliser exclusivement le chariot, le stand, le trépied, le support ou la table recommandés par le fabricant ou vendus avec cet appareil. Si l'appareil est posé sur un chariot, déplacer le chariot avec précaution pour éviter tout risque de chute et de blessure.
- 13 Débrancher l'appareil en cas d'orage ou lorsqu'il doit rester hors service pendant une période prolongée.
- 14 Confier toute réparation à un personnel qualifié. Faire réparer l'appareil s'il a subi tout dommage, par exemple si la fiche ou le cordon d'alimentation est endommagé, si du liquide a coulé ou des objets sont tombés à l'intérieur de l'appareil, si l'appareil a été exposé à la pluie ou à de l'humidité, si l'appareil ne fonctionne pas normalement ou est tombé.



AVERTISSEMENT
POUR RÉDUIRE LES RISQUES D'INCENDIE OU DE DÉCHARGE ÉLECTRIQUE, N'EXPOSEZ PAS CET APPAREIL À LA PLUIE OU À L'HUMIDITÉ.

FCC INFORMATION (U.S.A.)

1. **IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!**
This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by may void your authority, granted by the FCC, to use the product.
2. **IMPORTANT:** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product **MUST** be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.
3. **NOTE:** This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all

* This applies only to products sold in the United States

(class B)

COMPLIANCE INFORMATION STATEMENT

DECLARATION OF CONFORMITY
PROCEDURE

Type of Equipment : Mixing Console

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) this device may not cause harmful interference, and

2) this device must accept any interference received including interference that may cause undesired operation.

See user manual instructions if interference to radio reception is suspected.

* This applies only to products sold in the United States

(FCC DoC)

IMPORTANT NO TICE FOR TH E UNITED KINGDOM

Connecting the Plug and Cord

WARNING: THIS APPARATUS MUST BE EARTHED IMPOR-
TANT. The wires in this mains lead are coloured in accordance with the following code:

GREEN-AND-YELLOW : EARTH
BLUE : NEUTRAL
BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured GREEN-and-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol ⊕ or colored GREEN or GREEN-and-YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

(3 wires)

이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용
하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

(class b korea)

In Finland: Laite on liitettävä suojamaadoituskoskettimilla var-
ustettuun pistorasiaan.
In Norway: Apparatet må tilkoples jordet stikkontakt.
In Sweden: Apparaten skall anslutas till jordat uttag.

(class I hokuo)



Information for users on collection and disposal of old equipment:

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

For business users in the European Union:
If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union:
This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

PRECAUTIONS

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:

Do not open

- This device contains no user-serviceable parts. Do not open the device or attempt to disassemble the internal parts or modify them in any way. 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 on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings. If any liquid such as water seeps into the device, turn off the power immediately and disconnect the USB cable from the computer. Then have the device inspected by qualified service personnel.
- Never insert or remove a USB cable with wet hands.

Fire warning

- Do not put burning items, such as candles, on the unit. A burning item may fall over and cause a fire.

If you notice any abnormality

- When one of the following problems occur, immediately turn off the power switch and disconnect the USB cable from the computer. Then have the device inspected service personnel.
 - The USB cable becomes frayed or damaged.
 - It emits unusual smells or smoke.
 - Some object has been dropped into the device.
 - There is a sudden loss of sound during use of the device.

- If this device should be dropped or damaged, immediately turn off the power switch, disconnect the USB cable from the computer, 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:

Location

- Do not place the device in an unstable position where it might accidentally fall over.
- Do not place the device in a location where it may come into contact with corrosive gases or salt air. Doing so may result in malfunction.
- Before moving the device, remove all connected cables.

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.

Maintenance

- Remove the USB cable from a computer when cleaning the device.

Handling caution

- Do not insert your fingers or hands in any gaps or openings on the device.
- Avoid inserting or dropping foreign objects (paper, plastic, metal, etc.) into any gaps or openings on the device. If this happens, turn off the power immediately and disconnect the USB cable from the computer. Then have the device inspected by qualified service personnel.
- 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
- Do not use speakers or headphones 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.

cannot be held responsible for damage caused by improper use or modifications to the device, or data that is lost or destroyed.

NOTICE

To avoid the possibility of malfunction/ damage to the product, damage to data, or damage to other property, follow the notices below.

■ Handling and maintenance

- Do not use the device in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the device, TV, or radio may generate noise.
- Do not expose the device to excessive dust or vibration, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day), in order to prevent the possibility of panel disfiguration, unstable operation, or damage to the internal components.
- Do not place vinyl, plastic or rubber objects on the device, since this might discolor the panel.
- When cleaning the device, use a dry and soft cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.
- Condensation can occur in the device due to rapid, drastic changes in ambient temperature—when the device is moved from one location to another, or air conditioning is turned on or off, for example. Using the device while condensation is present can cause damage. If there is reason to believe that condensation might have occurred, leave the device for several hours without turning on the power until the condensation has completely dried out.
- 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 apply oil, grease, or contact cleaner to the faders. Doing so may cause problems with electrical contact or fader motion.
- When turning on the AC power in your audio system, always turn on the power amplifier LAST, to avoid speaker damage. When turning the power off, the power amplifier should be turned off FIRST for the same reason.
- When the device no working a long time, please set the switch to the standby position.

■ Connectors

XLR-type connectors are wired as follows (IEC60268 standard): pin 1: ground, pin 2: hot (+), and pin 3: cold (-).

Information

■ About this manual

- The illustrations as shown in this manual are for instructional purposes only.
- Steinberg and Cubase are registered trademarks of Steinberg Media Technologies GmbH.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

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POWER SUPPLY READINESS

1. Make sure the power switch of the unit is set to "o" position (off)

2. Connect the supplied power cord to the [AC IN] interface

3. Plug the other end of the power cord into the power supply socket.

⚠ NOTE
Not allow using the mixer or in a thunderstorm, unplug the AC power adapter.

connect

1. Fully minimize all the pusher and GAIN knobs.

2. Connect speakers, microphones, or Musical Instruments.

For more on connections, "installation examples."

Turn on system power

To prevent the speakers from making unexpectedly loud noises, please turn on the device in the following order:

Peripheral equipment (musical instrument, microphone, external storage player) → mixer → amplifier (or active speakers).

Reverse the order when the power is turned off.

⚠ BE CAREFUL

Every time you use the mixer, be sure to follow the sequence described in step 3 above

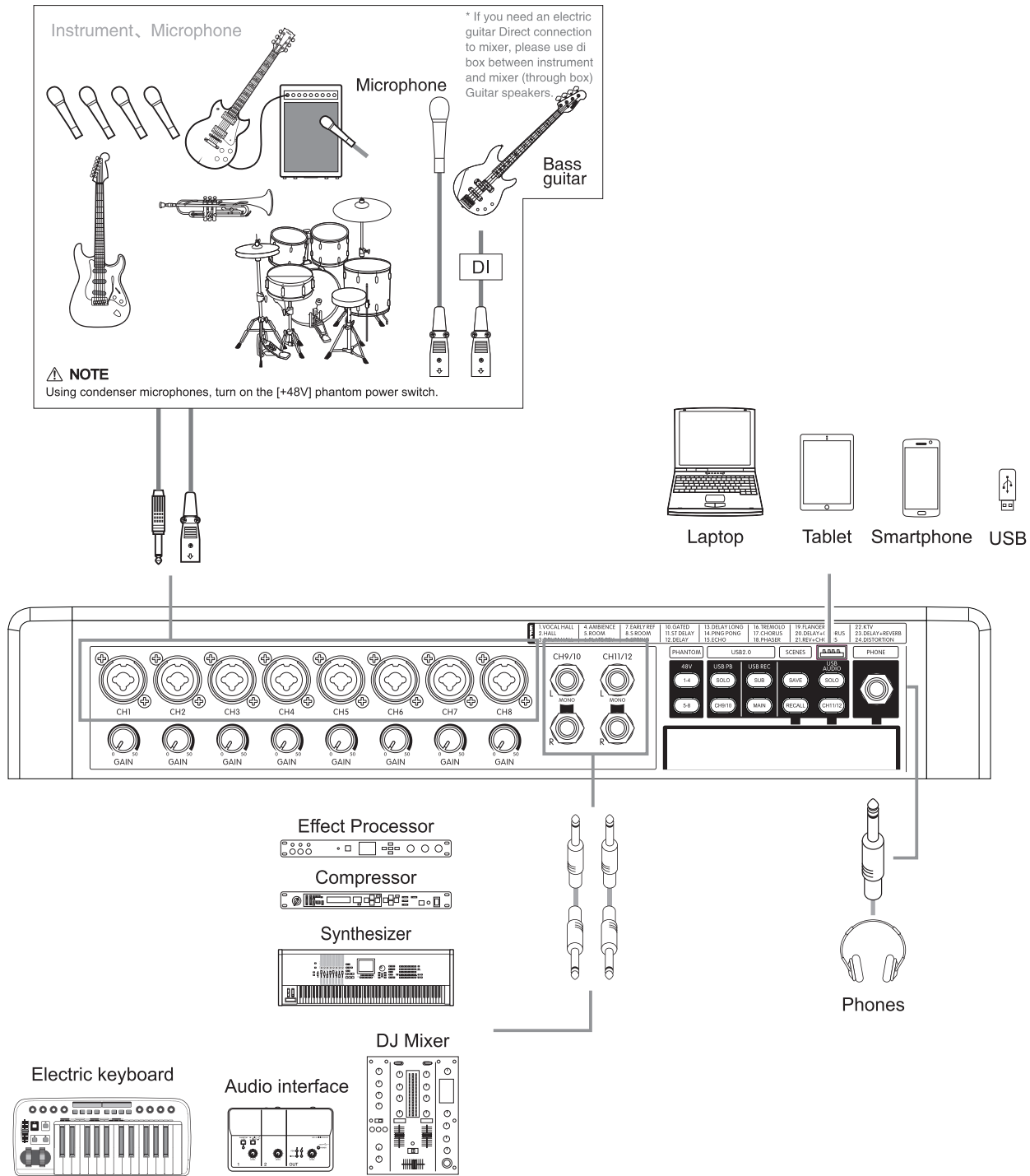
Turn the power on/off.Otherwise may produce the very big sudden noise, maybe will damage for your equipment and hearing

5

6

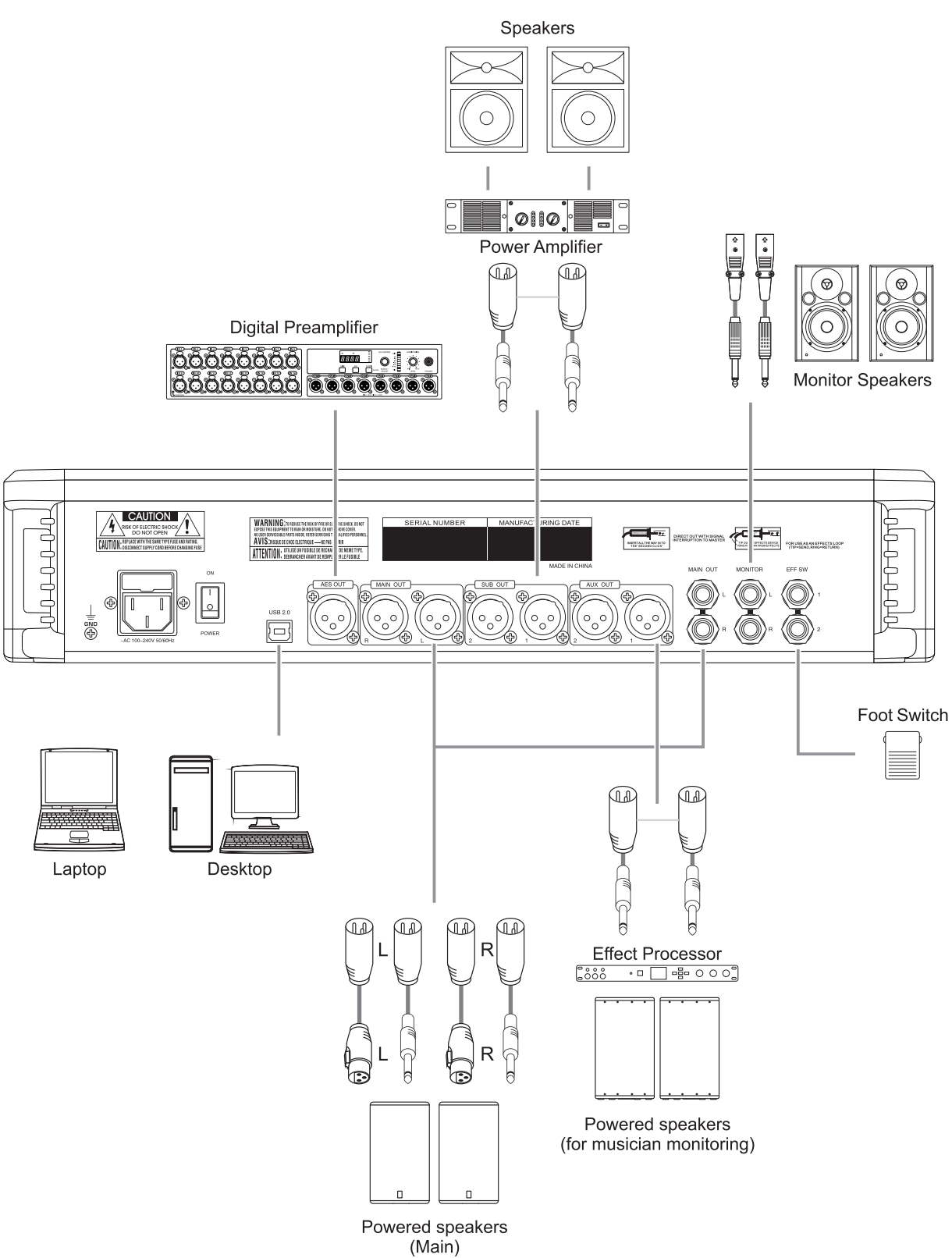
Front Panel

Connection Example

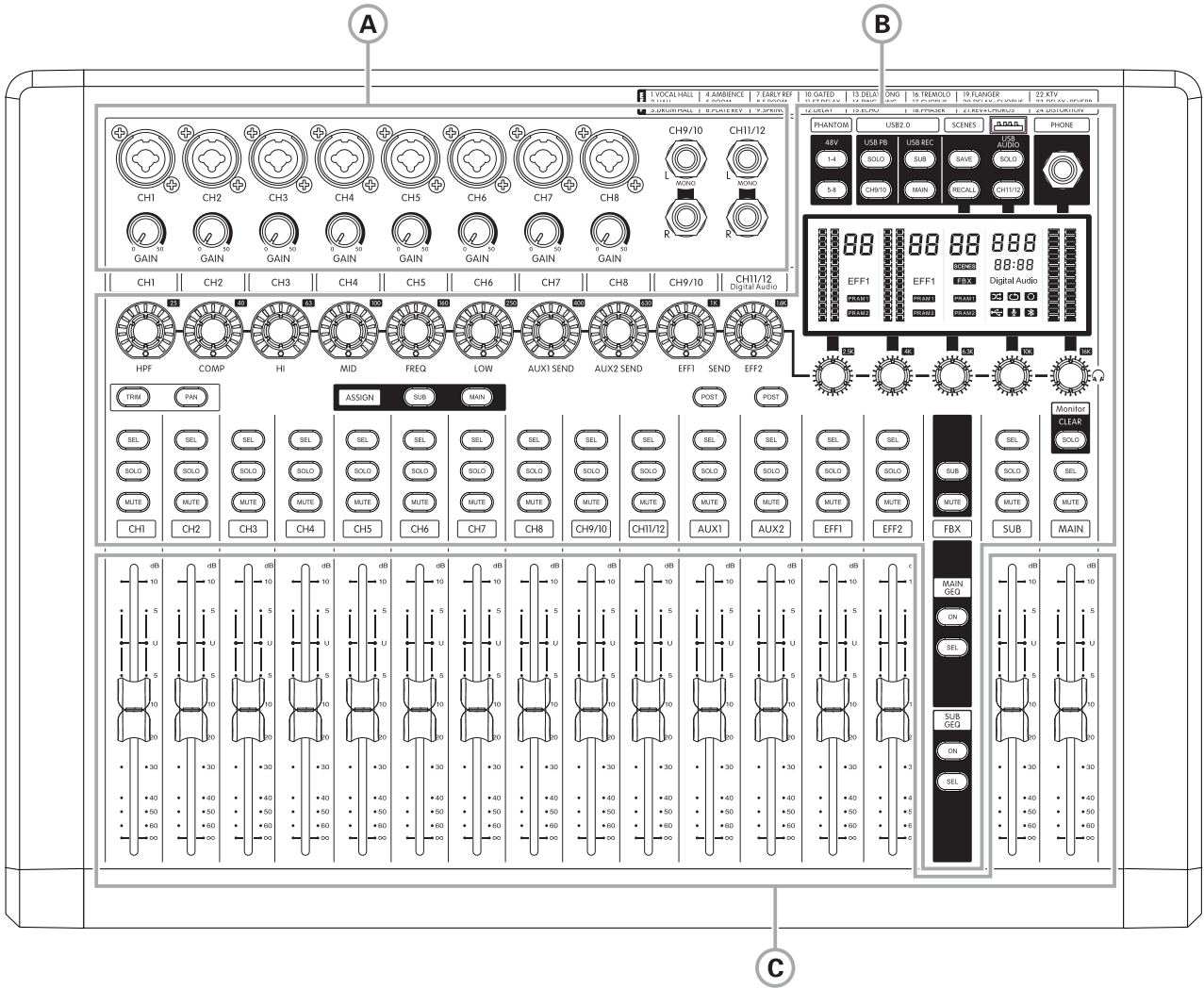


Rear panel

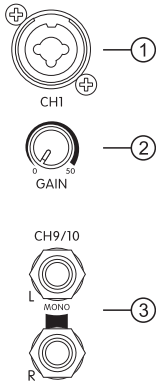
Connection Example



Control modalities and functions

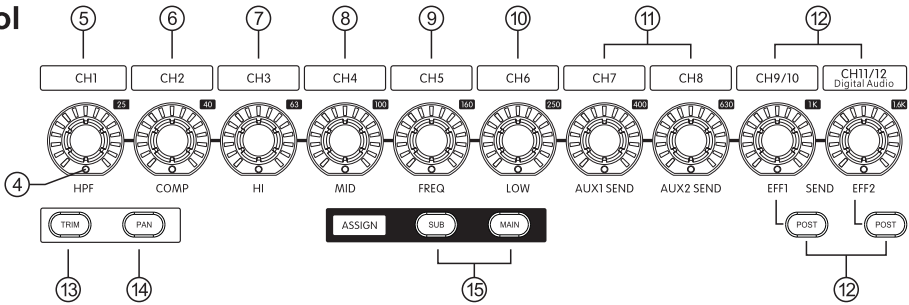


A. Input /Gain/Stereo Input

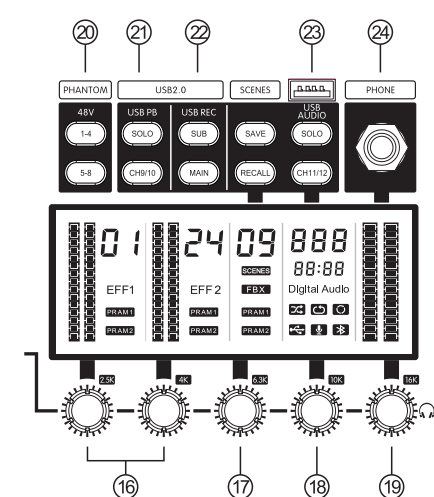


- 1. MIC/LINE**
For connecting to a microphone, an instrument, or an audiodevice. These jacks support both XLR and phone plugs.
- 2. GAIN**
Sets the volume of the microphone or line input signal provided to this channel. The GAIN knob is used to adjust the sensitivity of the microphone and the input signal of the circuit. This allows external signals to be adjusted to the desired internal control level.
- 3. LINE**
For connecting to line-level devices such as an electric keyboard or an audio device. Use the [L/MONO] jack on channel 2 for instruments, etc. with mono output. In this case, the sound input to the [L/MONO] jack is output from both the L channel and R channel on the mixer.

B. Digital Control

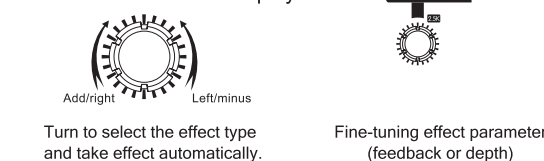


- 4. Switch indicator**
When the encoder is pressed, the light is on. Indicates that the corresponding function is enabled.
- 5. HPF (High Pass Filter)**
Channels with a mic input have low-cut switch (often referred to as a high-pass filter) that cuts bass frequencies below 100 Hz at a rate of 12 dB per octave.
- 6. COMP**
Adjusts the amount of compression applied to the channel. As the knob is turned to the right the compression ratio increases while the output gain is automatically adjusted accordingly. The result is smoother, more even dynamics because louder signals are attenuated while the overall level is boosted. The COMP indicator will light when the compressor operates.
- 7. HI**
This control gives you up to 15 dB boost or cut above 12 kHz, and it is also flat at the center detent. Use it to add sizzle to cymbals, and an overall sense of transparency or edge to the keyboards, vocals, guitar, and bacon frying. Turn it down a little to reduce sibilance, or to hide tape hiss.
- 8. MID**
This has a function which controls the middle frequency tone of each channel. Always set this control to the 12 o'clock position, but you can control the middle frequency tone according to the speaker, the conditions of listening position and listener's taste. Clockwise rotation of the control increases the level, and vice versa.
- 9. FREQ**
The MID EQ, or "midrange," has a fixed bandwidth of 1 octave. The MID knob sets the amount of boost or cut, up to 15 dB, and is effectively bypassed at the center detent. The frequency knob sets the center frequency, sweepable from 240 Hz to 6 kHz.
- 10. LOW**
This control gives you up to 15dB of boost or cut below 80 Hz. The circuit is flat (no boost or cut) at the center detent position. This frequency represents the punch in bass drums, bass guitar, fat synth patches, and some really serious male singers.
- 11. AUX SEND**
The knob is used to control the size of the auxiliary sending signal of this channel, which is sent to the outside via the AUX SEND knob of the main control Equipment, such as effectors.
- 12. EFF SEND**
These knobs take advantage of each channel's signal sent to the in-machine effect after processing and return to the stereo main channel. Channel fader, mute and other channel controls affect the effect output, but the sound phase adjustment does not (effect assist is after the push-POST-After pressing, light, represents the POST, not press, represents the PRE).
- 13. DIGIT GAIN (TRIM)**
Press the switch will light up, encoder as electronic GAIN (TRIM).
- 14. PAN**
Press the switch will light up, encoder as electronic PAN. The pan control sends continuously variable amounts of the post fader signal to either the left or right main busses. In the center position equal amounts of signal are sent to the left and right busses.
- 15. ASSIGN SUB/MAIN**
Assign the signal to SUB or MAIN.



16.EFF 1/2 Knob

1. Effect
2. Fine-tuning Effect Parameter (feedback or depth)
3. Effect Volume Level Display



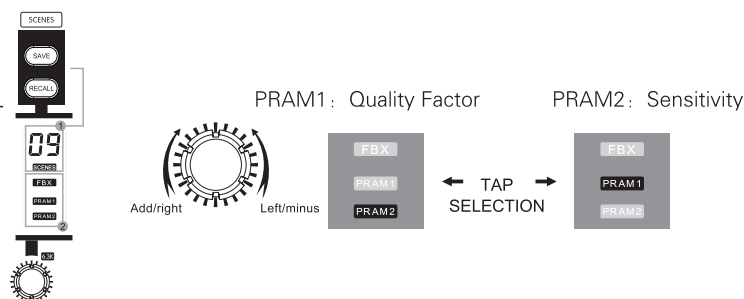
EFFECT

- | | |
|--------------|-----------------|
| 1.VOCAL HALL | 13.DELAY LONG |
| 2.HALL | 14.PING PONG |
| 3.DRUM HALL | 15.ECHO |
| 4.AMBIENCE | 16.TREMOLO |
| 5.ROOM | 17.CHORUS |
| 6.PLATE REV | 18.PHASER |
| 7.EARLY REF | 19.FLANGER |
| 8.S ROOM | 20.DELAY+CHORUS |
| 9.SPRING | 21.REV+CHORUS |
| 10.GATED | 22.KTV |
| 11.ST DELAY | 23.DELAY+REVERB |
| 12.DELAY | 24.DISTORTION |



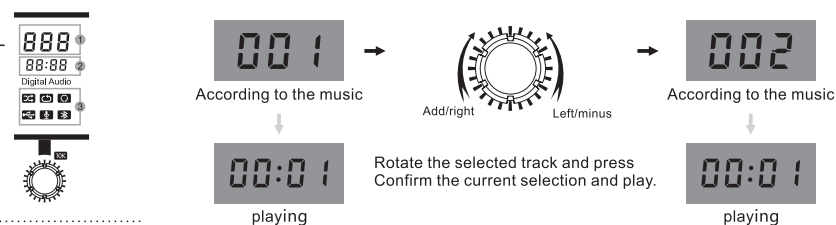
17.SCENES、FBX

- 1.Call and save-adjusted scene mode. (10 groups of data can be saved)
- 2.FBX(FeedBack eXterminator) Automatically capture the noise frequency of the fixed filter Dot, which is very practical and convenient function. PRAM1 : Quality Factor PRAM2 : Sensitivity



18.USB Play/Function

1. Song number display
2. Song time display
3. Function selection



19.LEVEL METER

The left and right level meters of the mixer are composed of two columns of 15 led lamps, led each has three colors to refer to Show the range of the level.

PHONE Knob

Adjusting the level of the signal output to the Phone/Monitor Speakers.

20.+48V PHANTOM Switch

When the phantom power switch is turned on , the +48V LED light will light up and the DC +48V phantom power will be supplied to the XLR plug on MIC/LINE input socket .Turn this on when using a condenser microphone that requires phantom power.

NOTICE

Be sure to leave this switch off if you do not need phantom power.

Follow the important precautions below, in order to prevent noise and possible damage to external devices as well as the mixer if you turn this switch on.

- 1.Be sure to leave this switch off when you connect a device that does not support phantom power to channel.
- 2.Make sure to turn this switch off when connecting/disconnecting a cable to/from channel.
- 3.Slide the fader on channel 1 to minimum before turning this switch on /off .

21.USB PLAYBACK

- 1.SOLO:Replay the listening button, push the listening, press the listening (SOLO) to light up, used to monitor the sound signal in pre of the fader.
- 2.CH9/10: The built-in sound card sends the signal to the stereo channel (CH 9 / 10).

22.USB REC

- 1.SUB : sub signal recording.
- 2.MAIN : indicates the signal recording of the main.

23.USB AUDIO

- 1.This USB interface, a machine built-in MP3 player and recorder, support format: MP3, WAV, WMA
- 2.SOLO : Monitor button, the monitor before the putter attenuation, press SOLO is lit, plug in with the headset can hear the sound signal in front of the fader.
- 3.CH11/12 : Send the playback signal to the stereo channel(CH11/12).

24.PHONES

This 1/4" TRS stereo jack will drive any standard headphone to very loud levels. Walkperson-type phones can also be used with an appropriate adapter.If you're wiring your own cable for the PHONES output,follow standard conventions:

Tip = Left channel

Ring = Right channel

Sleeve = Common ground

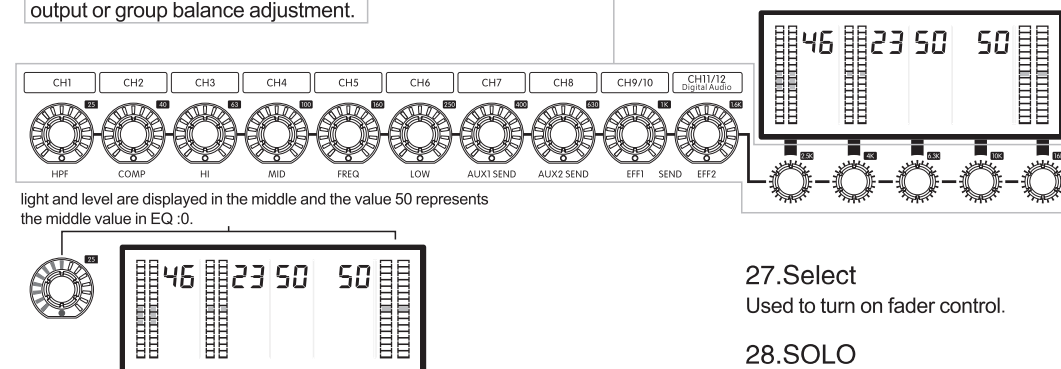
25.SUB/MAIN FBX CONVERSION

Convert the SUB and the MAIN channel FBX signal.

26.MAIN GEQ/SUB GEQ

Equalized EQ operation for opening the MAIN / SUB.

- 1.Press the "ON" button and the light will light up below the encoder knob (4) ,Indicates that it has entered the EQ function.
- 2.Press the MAIN or SUB key, the button will light up, the screen turns to balance display, the encoder knob as the main output or group balance adjustment.



27.Select

Used to turn on fader control.

28.SOLO

Monitor button SOLO: the monitor before the putter attenuation, press SOLO (monitor) is lit, plug in with the headset the headphone jack of the mixer can hear the sound signal in front of the driver. This is useful for troubleshooting or for setting up the gain and equalization settings of an instrument's input preamplifier.

29.MUTE

MUTE button mutes the channel,including all sends. PFL and Signal/ Peak stay functional.

30.Monitor Clean SOLO

Clear all monitor (SOLO) functions.

C.Fader Part

31.Fader

This is function to adjust the volume of signal connection into each channel and adjust the volume of output, together with master fader. Normal operation is at the "0" mark, providing 10dB of gain above that point, if required.

32.AUX SEND Fader

Used adjusting the levels of the signals output to the [AUX SEND] jacks.

33.EFX SEND Fader

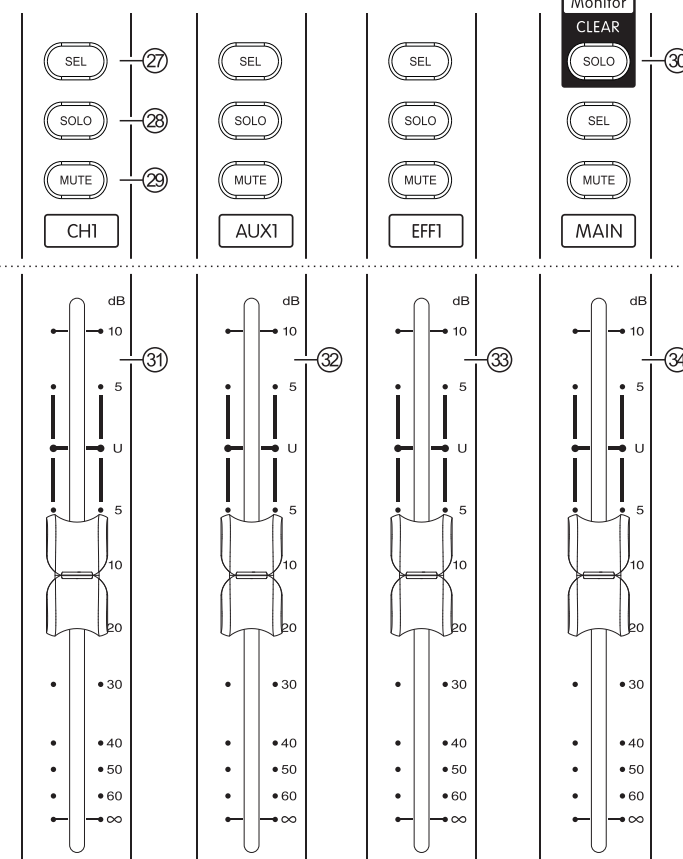
This fader can control the semaphore that the adjuster returns to the main channel bus, thus adjusting to the effect volume.

34.MAIN MIX Fader

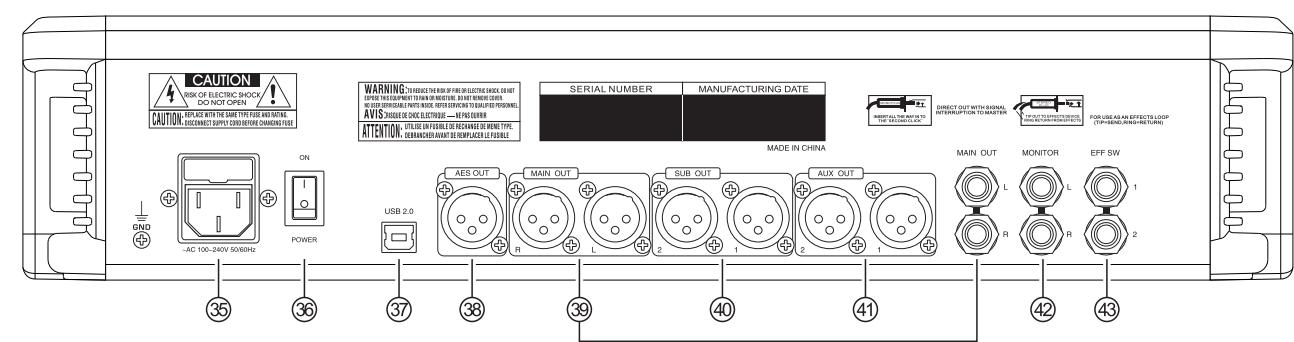
These pushers control the level of the main mixer and affect the level meter and the main line level output. You can control what the audience hears and make sure there are no problems.

If there is a problem, please adjust carefully to see if the level meter is overloaded and ensure that the output level is satisfactory to the audience. The "U" mark is a unit gain, which increases the extra gain 10 dB. Additional gains can be seen here. The mode of level control is very stereoscopic and intuitive, and can be adjusted at the same time.

When you want the sound to disappear well at the end of the performance and song, push the push low at the end.



Rear panel



35.AC IN Jack
Standard iec power interface, if the power line provided by this mixer, can also use professional video recorder, musical instruments, computer three-hole iec wire connection.

WARNING:

- Do not remove the ground pin of the plug.
- Use in strict accordance with the labeled voltage of the product.
- Rapidly turning the unit on and off in succession can cause it to malfunction. After turning the unit off, wait for at least 6 seconds before turning it on again.
- Note that the trace current continues to flow even while the switch is in the off position. If you do not plan to use the mixer for a while, be sure to unplug the power cord from the wall outlet.

36.POWER Switch
Turns power to the unit on or off. Press the switch to the “ I ” position to turn on the power. Press the switch to the “ O ” position to turn off the power.

37.PC USB 2.0
Connect to the computer via a USB cable and let the mixer signal transfer to the computer.
(the signal is not affected by the STEREO main promoter.)The computer may require a USB drive for input and output .you can download and install the driver from the supplier's website or our company's website.

38.AES OUT
This AES (XLR) jack is capable of connecting the digital audio signal of the desired channel in AES format. This interface is used to output STEREO/MONO channel signals.

39.MAIN OUT
Here are two main output interfaces: the convex XLR jacks provide balanced circuit information;The 1/4 "TRS jack provides a balanced or unbalanced signal.
Each xlr jack is parallel to its 1/4" trs jack, and the load phase Same signal. This represents the last part of the entire mixing chain, connecting these jacks to you Main power on, active speaker, or a series of effect processors to make your mixing signal real The entity appears.

40.SUB OUT
XLR jacks provide balanced circuit output the SUB signals.
Use these jacks to connect to the inputs of a multi-track recorder, external mixer, or similar device.

41.AUX OUT
Convex XLR jacks provide balanced circuit jacks.
These sockets can also be connected to a variety of effectors or listening systems and other devices.

42.MONITOR OUT
These are impedance-balanced 1/4"TRS phone output jacks that you connect to your monitor system. These jacks output the signal before or after the faders for the various buses.
NOTE:The SOLO switch has priority.To before monitor the post-fader signal, make sure to turn off all SOLO switches.

43.FX SW
Connect a foot switch to phone type input jack.An optional foot switch can be used to toggke the FX ON and OFF.

Specifications

0 dBu=0.775 Vrms, 0 dBV=1 Vrms
If you do not specify all the pushes will be set to the nominal position.(nominal position adjusted to 10 dB below maximum position)
Output impedance (Rs) of the signal generator =100 ohm, output load impedance =100k ohm (TRS phone output)

	INPUT OUTPUT		CHANNEL		STEREO
			MIC	LINE	LINE
GAIN (0dBu)	GAIN	0dB	0dB~50dB	-20dB~40dB	-20dB~20dB
	TRIM		-40dB~20dB		
	AUX	0dB (PRE)	0dB	0dB	0dB
		MAX (POST)	70dB	58dB	38dB
	PHONES OUT	0dB (GAIN Control at 0dB)	0dB	0dB	0dB
		MAX (POST)	86dB	65dB	46dB
	MONITOR OUT	0dB (GAIN Control at 0dB)	0dB	0dB	0dB
		MAX (POST)	78dB	58dB	38dB
	STEREO OUT	0dB (GAIN Control at 0dB)	0dB	0dB	0dB
		MAX (POST)	78dB	78dB	38dB
	CMRR	0dB (GAIN Control at 0dB)	63dB	-	-
THD 0dB	STEREO OUT (GAIN Control at 0dB)	0.010%	0.010%	0.02%	
	PHONES OUT (GAIN Control at 0dB)	0.010%	0.010%	0.02%	
Signal to Noise Ratio (0dB)	STEREO OUT	88dB	86dB	88dB	
	PHONES OUT	87dB	82dB	82dB	
Noise (Control at MIN)	PHONES OUT (Fader at 0dB)	-85dBu			
	STEREO OUT(Fader at 0dB)	-88dBu			
	INSERT (Fader at MIN)	-			
	STEREO OUT (Fader at MIN)	-92dBu			
COMP			-80~0dB		
ENI			-122dB		

The contents of this manual are the latest technical specifications at the time of printing. As the product will continue to improve, the specifications in this specification may not conform to your product specifications. Please go to the website to download the latest version of the instructions. Technical specifications, equipment or accessories may vary from region to region, so if there is a problem, please contact local dealer confirmed.