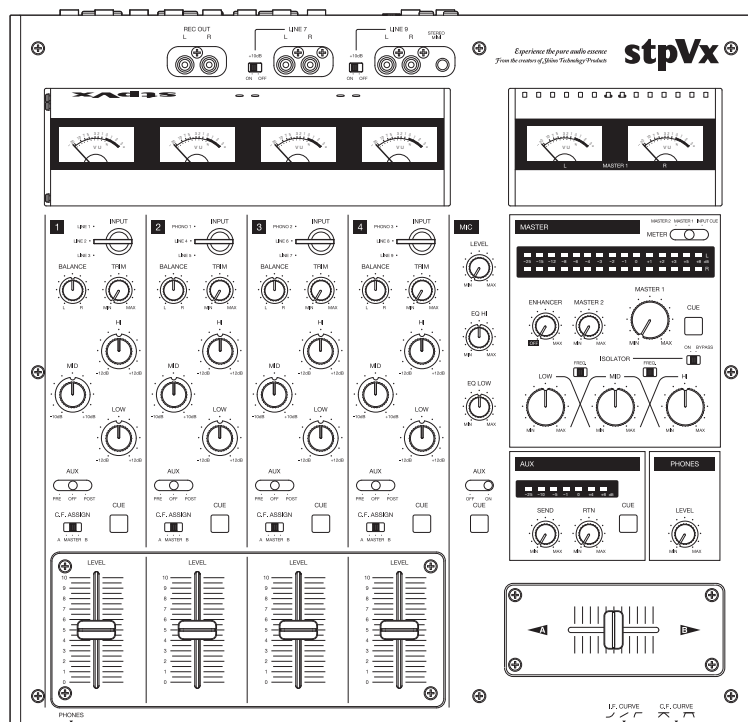# stpVx

Professional DJ Mixer
PHOENIX　　　- 鳳凰 -
USER MANUAL

INTRODUCTION

Thank you very much for purchasing STPVestax PHOENIX Professional DJ Mixer. Read this manual thoroughly to get the most out of the performance of this DJ Mixer and also to use it safely. In particular, please be sure to read "IMPORTANT SAFELY INSTRUCTIONS" prior to use.

CONTENTS

1. IMPORTANT SAFETY INSTRUCTIONS

For correct operation and safety, please read this manual thoroughly prior to using your DJ mixer. After reading, please ensure to keep this manual in a safe place for ready reference.

— EXPLANATION OF GRAPHICAL SYMBOLS —

This "Safety Instructions" contain various pictorial symbols in order to use our product safely and correctly, to prevent injury to you and other users, and to prevent damage to property. Please be sure to understand the meaning of each symbol prior to reading on.

⚠ **WARNING**	**WARNING** indicates a hazardous situation which, if not avoided and handling it incorrectly could result in death or serious injury.
⚠ **CAUTION**	**CAUTION** indicates a hazardous situation which, if not avoided and handling it incorrectly could result in minor or moderate injury, or only property damage.

🚫	⃠ **This Symbol indicates a prohibited action.** Specific prohibited action (The left figure indicates do not disassemble) indicated by transparent "No" circle-symbol.
⬛	● **This Symbol indicates an action or instruction.** Specific instruction (The left figure indicates the power plug is unplugged from the power outlet) is illustrated.
⚠	△ **This Symbol indicates a warning or caution.** Specific warning image (The left figure shows caution to not jam fingers) is illustrated.

※In below description "this device" includes dedicated power supply unit.

⚠ WARNING

⚠ ⬛ Unplug the power cord from the AC outlet	● Fire or electric shock may occur if you continue to use this device when it is behaving abnormally, such as smoke, unusual odor, or noise. Turn off the power switch immediately and unplug the power cord from the AC outlet. Confirm that smoke does not come out and ask your dealer for repair. ● Fire or electric shock may occur if you continue to use this device when water or liquid enter the unit. Turn off the power switch immediately, unplug the power cord from the AC outlet, and contact your dealer for advice. ● Fire or electric shock may occur if you continue to use this device when foreign objects are placed in or enter the unit. Turn off the power switch immediately, unplug the power cord from the AC outlet, and contact your dealer for advice.
🚫 Do not touch	● Do not touch the power cord during electric storms. It may cause fire or electric shock.
⚠	When the power cord is damaged (exposing wire core, break in cable, etc.), ask your dealer for a replacement. Continued use may cause fire or electric shock.
🚫 Do not use near water	● Do not use in places such as bathrooms or moist environments where the device is exposed to water droplets or mist. It may cause fire or electric shock.
🚫	● Do not use this device at a voltage other than indicated voltage (AC 100V). It may cause fire or electric shock. ● Do not connect to a direct current (DC) power source, such as used in a ship. It may cause a fire. ● Do not allow water or fluids to enter or touch this device. It may cause fire or electric shock. Pay particular attention to usage of this device in rain, snow, coastal or water-adjacent sites.
⬛ Unplug the power cord from the AC outlet	● Fire or electric shock may occur if you continue to use this device when it is dropped or its cabinet is damaged. Turn off the power switch immediately and unplug the power cord from the AC outlet, and contact your dealer.

⚠ WARNING

- Do not block the ventilation ducts. Blocked ventilation ducts may cause heat to accumulate inside and result in fire. This device has ventilation ports both at the top and bottom of the chassis to prevent internal temperature-rise. Please pay particular attention to the following recommendations:
  - ・Do not place the device upside down, sideways or face upwards.
  - ・Do not push the device into any narrow and poorly-ventilated space such as a bookcase or closet.(other than on the dedicated rack).
  - ・Do not cover the device with a table cloth or place it on a carpet or bed.

- When installing this equipment, keep 10 cm space from the wall. Also, to improve heat dissipation, keep it away from other equipment.

  When mounting unit in a rack etc, ensure to have a gap of more than 2 cm from the top panel, more than 5 cm from the back. This will prevent internal heat from rising - which if trapped could cause overheating and fire.

- Do not place heavy objects on the power cord nor run the cord under heavy objects. The cord may be damaged and this could cause fire or electric shock. Be careful not to cover the cord with rugs, matts etc, as you may inadvertently place heavy objects on the cord without noticing.

- Do not place naked flame sources on top of the device, such as lighted candles. It may cause fire.

- Do not insert or drop metals, flammable materials etc inside the unit. This may result in fire or electric shock. Be vigilant especially when it is used by children.

- Do not place small metal objects nor any containers on top of this device, such as vases, flower-pots, cups, cosmetics, chemicals or water containers. Spillage or leakage may cause fire or electric shock.

- Do not remove the device's cover, cabinet or rear panel. There are high voltage parts within, and you may receive an electrical shock. Contact your dealer for internal inspection, maintenance, or repairs.

Do not diassemble

- Do not modify this device. It may cause fire or electric shock.

- Do not scratch, modify, bend, twist, pull, or heat the power cord. A damaged cord is a fire and electrical shock hazard.

⚠ CAUTION

- Do not place any location exposed to oil smoke or steam, such as near cooking stoves, humidifiers, etc. It may cause fire or electric shock.

- Do not place the unit in a physically-unstable situation such as an unsteady table or sloping surface. Falling unit or collapsing operating-bench may cause injury.

- Do not place the power cord close to a heater. The coating of the cord may melt, causing fire or electrical shock.

- Do not leave the unit in excessively hot environment, such as in a car with windows closed, or exposed to direct sunlight etc. It may have a negative influence on the cabinet and internal parts, and could result in fire.

- Do not place unit in an excessively humid or dusty environment. It may result in fire or electric shock.

- When connecting audio equipment, TV, video equipment, game machine or speakers, make sure to read the instruction manual of each equipment carefully, turn off the power, and connect accordingly as described. Use only specified cable for connection. Using non-specified cable or extending the cable may cause overheating and cause burns.

- Make sure to minimize the volume control before turning on the power. A sudden loud blast of sound may damage your hearing. Also, minimize the volume control when you connect this device's speakers with TV.

⚠ CAUTION

Unplug the power cord from the AC outlet	● Even when the power switch is in the OFF position, the unit is not completely isolated from the power supply. In order to prevent accidents, place this product near the AC outlet and so that you can immediately unplug the power cord from AC outlet in case of emergency. ● Use only the specified AC cord which is included in the product package. Do not use other non-specified AC cords.
Unplug the power cord from the AC outlet	● For safety, make sure to unplug the power cord from the AC outlet whenever you do not use the device for long periods of time, such as on vacation etc. ● When cleaning, unplug the power cord from AC outlet for safety to prevent electric shock.
❗	● Consult your dealer about internal servicing of the unit once every five years. (In case of usage public-space use in music bars etc, once a year internal servicing is recommended). Dust may accumulate inside the device when not cleaned for a long periods of time. This may cause fire or malfunction. In regions where high-humidity/rainy-seasons are common, it is recommended to clean units prior to that time. Consult your dealer about service/maintenance fees.
🚫	● Do not plug or unplug the power cord with wet hands. It may result in electric shock.
🚫	● When disconnecting the power cord from AC outlet, hold the power cord plug and never pull the cord. A damaged power cord is a fire and electrical shock hazard.

Unplug the power cord from the AC outlet	● To move/relocate the device, turn off the power switch, make sure to disconnect the power cord from AC outlet, and remove all connected cables between other devices. This is to prevent cord damage and the potential to cause fire or electric shock.
🚫	● Do not use sound distortion through the unit for long periods of time. This may cause your speakers to generate heat and could result in fire.
❗	● Do not place anything on top of this device. There are vent holes on the top panel. Blocking the ventilation holes may cause heat accumulation inside and cause fire. ● Do not relocate unit while using with TV, audio equipment etc. Falling or dropped device may cause injury. ● Do not sit on nor hang from this device. Pay attention especially when children are nearby. Unit may fall or break, resulting in injury.
⚠ High temperature	● Do not handle the device during use nor immediately after use, except for the user controls and rear connection terminals, as its high operating temperature is a potential burn hazard. In particular, do not touch the upper surface panel.
🚫	● Do not place heavy or large objects on this device that protrude from the outer frame. This may upset balance and cause accidents resulting in damage or injury.

2. MAIN FEATURES

The Phoenix Professional DJ Mixer is an all-round type 4CH mixer, created through careful design and tapping the abundant development/experience history and knowledge-base of its sound equipment master-craftspersons. It is manufactured using the highest technologies.

● Full, rich analog sound is produced that could not be gained with a digital mixer through reviewing the techniques of DJ mixer production history, as well as using original large toroidal transformers, specially-selected parts, and adapting advanced discrete circuitry.

● Encorporates professional VU meters for all channels, including a master channel, in order for ease of accurate level-matching which is essential in the pursuit of high sound quality.

● It consists of 4 channels to support 3 phono inputs and 9 line inputs. In addition, it is equipped with an independent 1 MIC channel, separated AUX stereo send-return function and master loop function. Besides the two outputs MASTER OUT1 and MASTER OUT2 which perform independent volume control, there is also a separate REC OUT that does not pass through any volume-out control.

● Each of the 4 channels has a TRIM, LR balance control, and a high-quality 3-band equalizer that has been fully tested for effectiveness. In addition, the ideal 60mm vertical fader is built in to offer solid curve control.

● The cross fader is an all genre type which can support long-mix play with longitudinal fades, to scratch play performance with sharp cuts, by adapting the latest technologies for non-contact type fader and curve control.

● It is equipped with a Phono direct-out jack, and does not require replacing the record player cable when connecting the interface - in order to support DVS with binary control.

● Two LINE inputs for Φ 6.3 standard stereo phones. Other two LINE inputs are equipped with switch for -10dB / 0dB to support the low volume level of the headphone jack output for portable cellphone audio. It is also equipped with a Φ 3.5 mini stereo phone jack in one of the LINE inputs.

● Equipped with a 3-band isolator in the master stage. Each of the Hi-Mid and Mid-Low dividing points includes a critical two point switch, developed over many years of research.

● With the integrated enhancer effector, it enables an unique sound outline finish correction, and offers effects which can produced analog-circuits.

● "Made in Japan" to the highest manufacturing, technology, and quality-control standards.

3. ACCESORIES

Included with the main unit are the following accessories:

· Dedicated power supply

· "Caution" notes for safety of use. (Please ensure to read it)

4. NAMES AND FUNCTIONS

Main features and their functions can be divided into 3 panels:

1 Input channel panel
2 Master panel
3 Input/Output terminal panel

3 Input/Output terminal panel

1 Input channel panel

2 Master panel
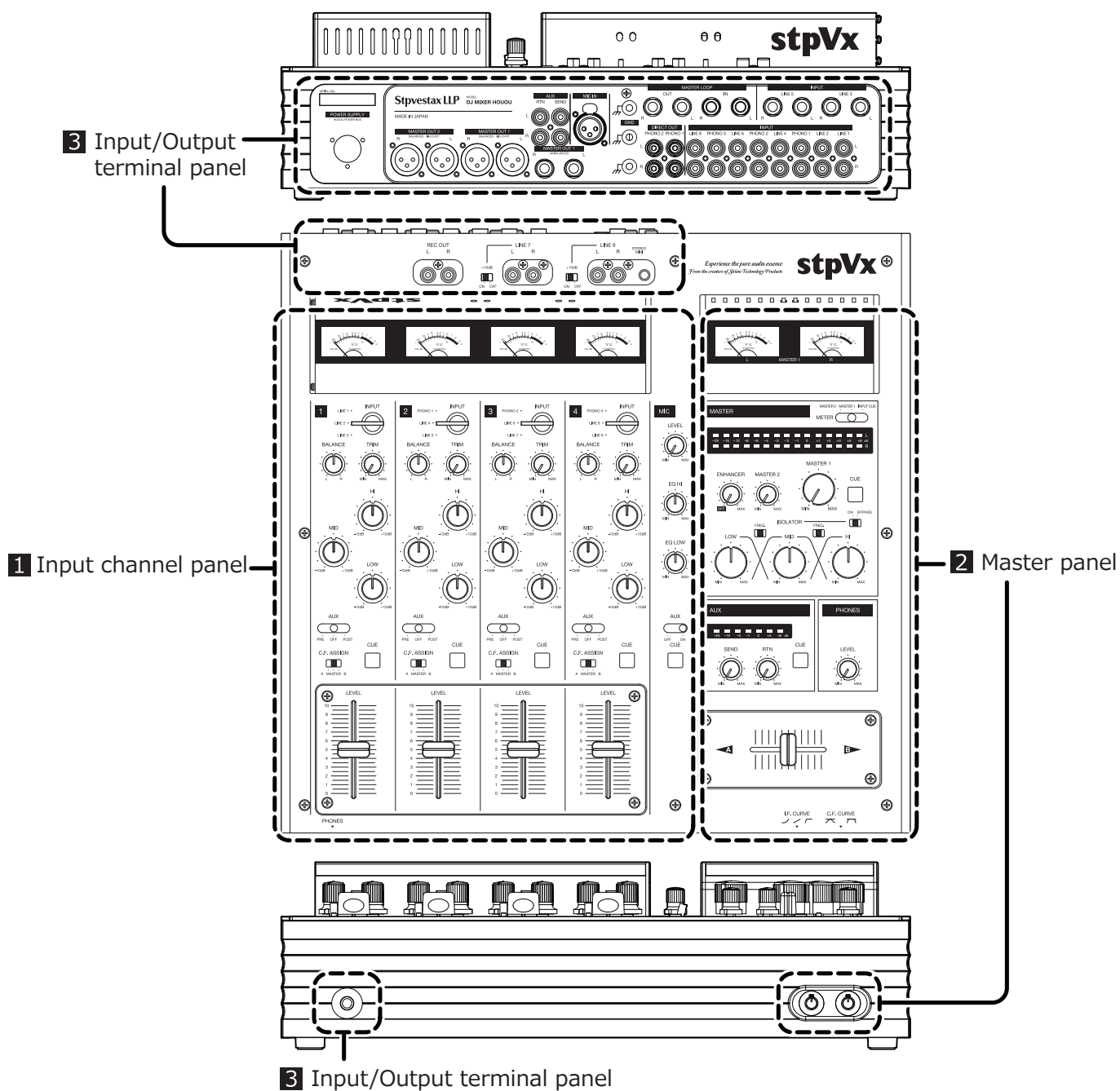
3 Input/Output terminal panel
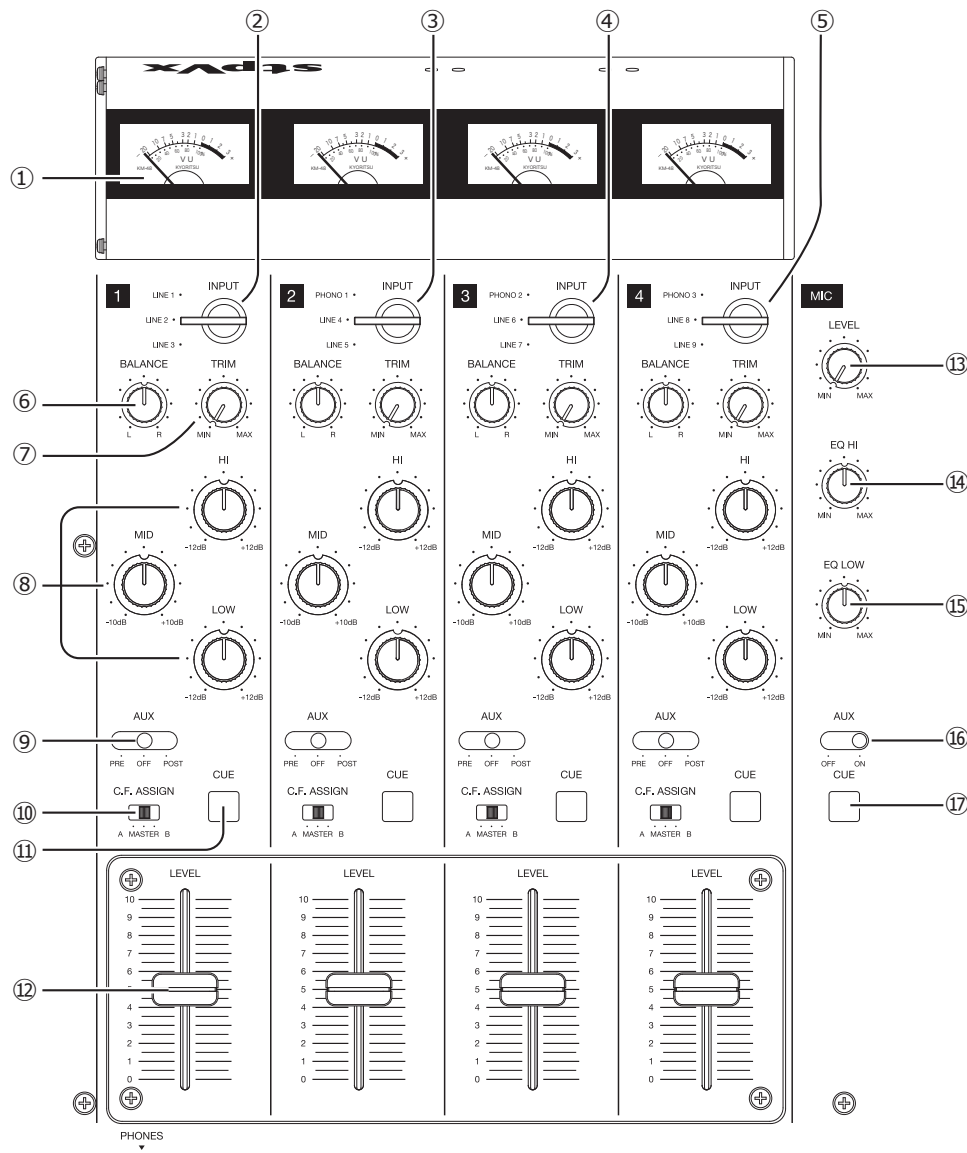
① INPUT VU METER

Displays the input level of each channel.

② INPUT SELECTOR 1

Selects the input to assign to CH1. Select one input source from LINE1, LINE2 or LINE3.

③ INPUT SELECTOR 2

Selects the input to assign to CH2. Select one input source from PHONO1, LINE4 or LINE5.

④ INPUT SELECTOR 3

Selects the input to assign to CH3. Select one input source from PHONO2, LINE6 or LINE7.

⑤ INPUT SELECTOR 4

Selects the input to assign to CH4. Select one input source from PHONO3, LINE8 or LINE9.

⑥ LR BALANCE

Adjusts LR balance of each channel. The input level difference of L and R can be checked visually on LED level meter in master panel, by switching the meter display menu to [INPUT CUE] and pushing ⑪ CUE button of your desired channel.

⑦ TRIM ADJUST VOLUME

Adjusts the input level by checking ①input VU meter.

⑧ CHANNEL 3BAND EQUALIZER

Adjusts Hi (high frequency range), Mid (medium frequency range), and Low (low frequency range) of each channel.Hi and Low adjustable range are between -12dB to +12dB, and Mid is between -10dB to +10dB.

⑨ CHANNEL AUX SEND ON / OFF SWITCH

Determines whether to output that channel from the AUX SEND jack. OFF is at center position. When switched to the left (PRE), it outputs with the max volume of the vertical fader regardless of the position of the fader. When switched to the right (POST), it outputs with the volume determined by the vertical fader.

⑩ CROSS FADER ASIGN SWITCH

Determines whether the sound passed through the vertical fader is assigned to the A or B side of the cross fader, or is sent to MASTER without assigning to the cross fader.

⑪ CHANNEL CUE BUTTON

Press this button to select the channel for the headphone monitor. LED lights while it is ON. Press again to to turn it OFF (LED goes out). If you turn on the CUE buttons on multiple channels, they will be mixed, and can be monitored together from the headphone.

⑫ CHANNEL FADER (VERTICAL FADER)

Controls the volume of the channel. The curve characteristics can be selected at ㊲ Channel fader curve control.

⑬ MIC LEVEL

Controls the volume of the micprophone.

⑭ MIC EQUALIZER Hi

Controls the high frequency ranges of the microphone.

⑮ MIC EQUALIZER Low

Controls the low frequency ranges of the microphone.

⑯ MIC AUX SEND ON/OFF SWITCH

Select whether or not to output the microphone from AUX SEND jack.

⑰ MIC CUE BUTTON

Select if outputting the microphone from AUX SEND jack.
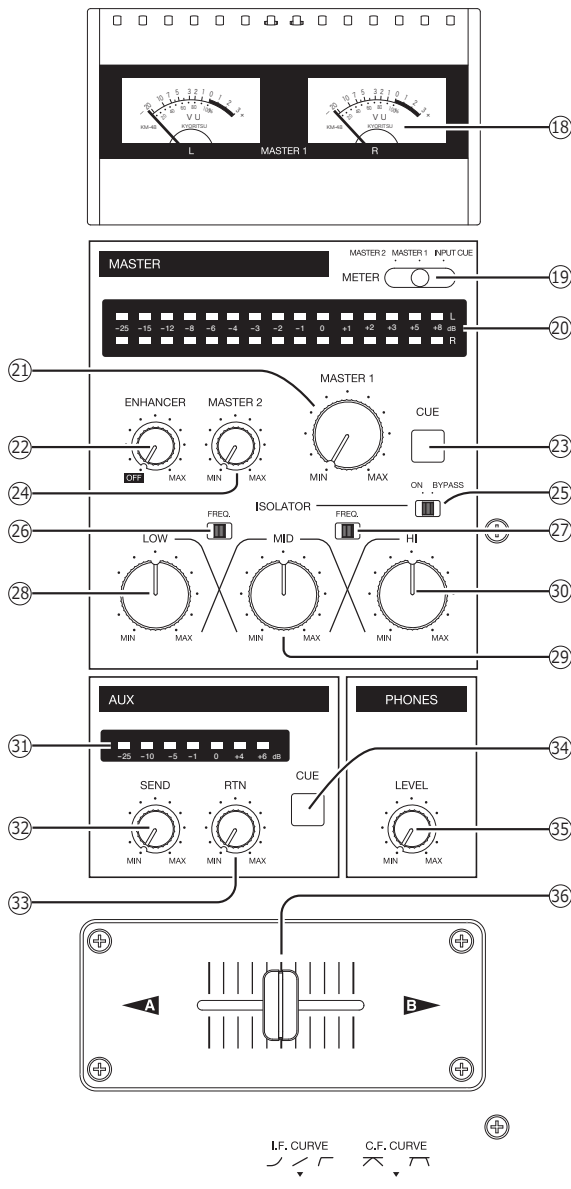
⑱ **MASTER1 LEVEL VU METER**

Indicates MASTER1's output level. There are 2 master outputs; MASTER1/2 which can be adjusted the volume individually.

⑲ **LED LEVEL METER DISPLAY SWITCH**

Selects the source to show on the LED level meter. Left: MASTER2, Center: MASTER1, Right; INPUT CUE. INPUT CUE shows the level before passing through the vertical fader, of which the CUE button of the four channels can be pressed. This enables you to check the volume and LR balance before raising the vertical fader to output. You can also visually check the level difference for each channel by alternately pressing the CUE button.

⑳ **LED LEVEL METER**

Shows the level which is selected at ⑲ .

㉑ **MASTER1 VOLUME**

Determines the output volume of MASTER1. Reference position is 14:00.

㉒ **ENHANCER EFFECTS**

Controls the volume of the effector that outlines the sound. Apply it thinly for sound field correction.

㉓ **MASTER CUE**

Turn ON to monitor MASTER output via headphone. MASTER1/2 volume position is ignored.
※ It starts in ON-state when the power is turned ON.

㉔ **MASTER2 VOLUME**

Determines the output volume of MASTER2. Reference position is 14:00.

㉕ **ISOLATOR ON/OFF SWITCH**

ISOLATOR ON/OFF SWITCH 3band isolator ON/OFF witch. Right is OFF (by-passed) and left is ON. OFF (by-passed) is recommended if you do not use the isolator function.

㉖ **Low-Mid DIVIDING POINT SWITCH**

Switches 2 dividing points between Low and Mid range of the isolator.

㉗ **Mid-Hi DIVIDING POINT SWITCH**

Switches 2 dividing points between Mid and Hi range of the isolator.

㉘ **3BAND ISLATOR Low CONTROL**

Controls the volume of low frequency range between -∞ to +6dB. Flat at 12:00 position.

㉙ **3BAND ISLATOR Mid CONTROL**

Controls the volume of mid frequency range between -∞ to +4dB. Flat at 12:00 position.

㉚ **3BAND ISLATOR Hi CONTROL**

Controls the volume of hi frequency range between -∞ to +4dB. Flat at 12:00 position.

㉛ **AUX RTN LEVEL METER**

Indicates the input level of AUX return.

㉜ **AUX SEND LEVEL**

Controls the 4 input channels and MIC channel's output level from the AUX send jack, when the AUX lever is ON.

㉝ **AUX RETURN LEVEL**

Controls the input level of AUX return.

㉞ **AUX CUE**

Checks the AUX return input source via headphone before raising its volume. LED lights when it is ON, and press again to turn it OFF.

㉟ **HEADPHONE VOLUME**

Controls the output level of from the head-phone jack (6.3mm stereo-phone) equipped on the front left of the unit.

※ If the surroundings are too loud, the headphone volume tends to be raised in order to monitor steadily, but be sure to guard against ear-damage when selecting high volumes.

When tune-selecting or mixing, do not depend on the monitor sound at 100% but also refer to the VU meter or LED meter for volume level and beat movement. (Combined use of hearing and vision)

㊱ **CROSS FADER**

Crossfades the channel output which is assigned to A or B on each channel.

㊲ **CHANNEL FADER CRUVE CONTROL**

Adjusts the curve characteristic of the rising edge of the channel fader. Turning towards the left gives more A-curve, the center is B curve, and the right is a tight C curve setting which sharply raises the sound.

㊳ **CROSS FADER CURVE CONTROL**

Adjusts the sharpness of the curve of the crossfader. When it is Max, the curve rises sharply. For example, the sound of A-side assigned channel comes out just by sliding a fader slightly from B-side edge and vise versa. This setting is ideal for scratch play. When it is at a minimum, it becomes a gentle cross fade curve. At this setting, the sound volume does not drop in both A side and B side when the fader is on the center. This setting is for a mixing-style using both a crossfader and vertical fader together.
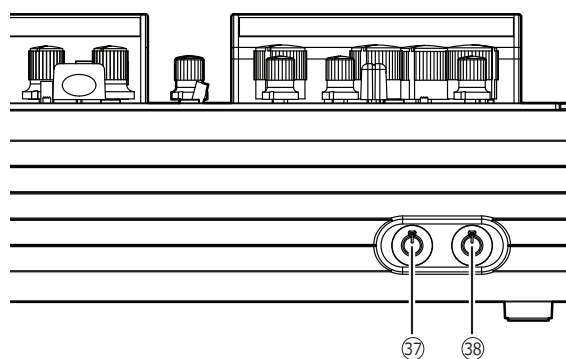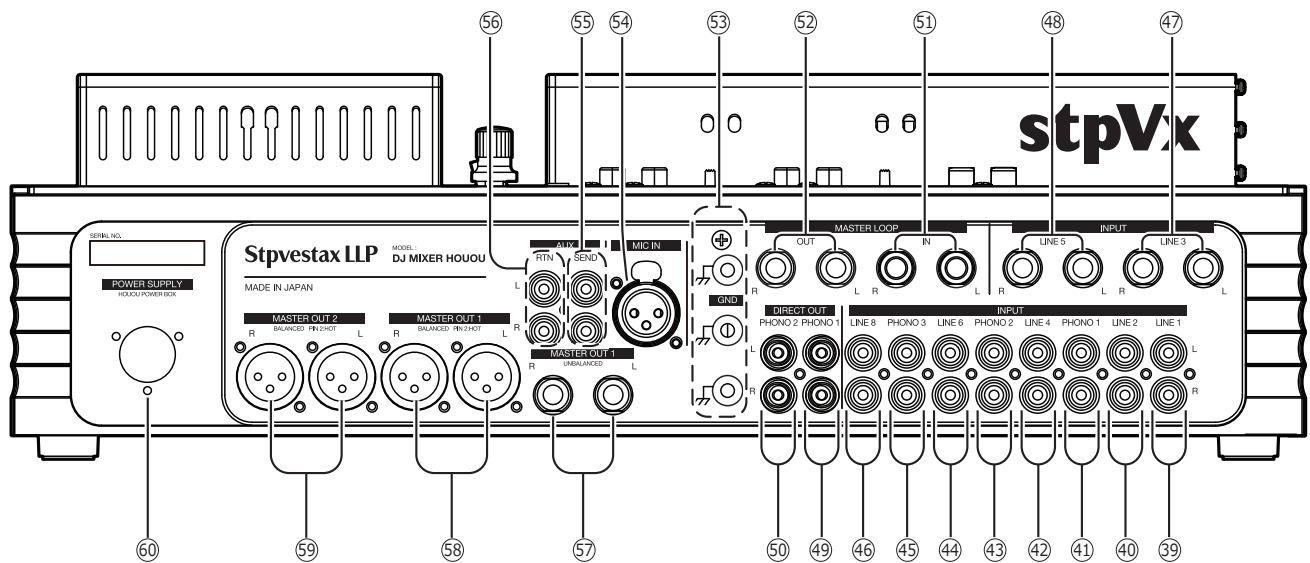
㊴ LINE1 INPUT TERMINAL (RCA Pin)

Input terminal for line level output devices such as CD player or audio interface, and is assigned to CH1.

㊵ LINE2 INPUT TERMINAL (RCA Pin)

Input terminal for line level output devices such as CD player or audio interface, and is assigned to CH1.

㊶ PHONO1 INPUT TERMINAL (RCA Pin)

Input terminal for the record player (MM cartridge supported), and is assigned to CH2. (However, if the record player is phono equalizer equipped and is set to line level output, be sure to connect to the LINE input terminal of this device.

㊷ LINE4 INPUT TERMINAL (RCA Pin)

Input terminal for line level output devices such as CD player or audio interface, and is assigned to CH2.

㊸ PHONO2 INPUT TERMINAL (RCA Pin)

Input terminal for the record player (MM cartridge supported), and is assigned to CH3.(However, if the record player is phono equalizer equipped and is set to line level output, be sure to connect to the LINE input terminal of this device.

㊹ LINE6 INPUT TERMINAL (RCA Pin)

Input terminal for line level output devices such as CD player or audio interface, and is assigned to CH3.

㊺ PHONO3 INPUT TERMINAL (RCA Pin)

Input terminal for the record player (MM cartridge supported), and is assigned to CH2. (However, if the record player is phono equalizer equipped and is set to line level output, be sure to connect to the LINE input terminal of this device.

㊻ LINE8 INPUT TERMINAL (RCA Pin)

Input terminal for line level output devices such as CD player or audio interface, and is assigned to CH4.

㊼ LINE3 INPUT TERMINAL (Φ6.3 standard mono phone)

Input terminal for line level output devices such as CD player or audio interface, and also for an audio mixer, keyboard or instrument whose output source is line level. This is assigned to CH1. (Only the terminal type is different from other RCA pin LINE inputs.)

㊽ **LINE5 INPUT TERMINAL
(Φ6.3 standard mono phone)**

Input terminal for line level output devices such as CD player or audio interface, and also for an audio mixer, keyboard or instrument whose output source is line level. This is assigned to CH2. (Only the terminal type is different from other RCA pin LINE inputs.)

㊾ **PHONO1 DIRECT OUTPUT TERMINAL
(RCA Pin)**

Outputs PHONO1 input source directly. Use this terminal for connecting an interface (DVS) to use a control vinyl for digital DJ. Recommended setting is; Keep the record player connected to PHONO1 input, and connect this PHONO1 direct output to the PHONO input of the left-side DVS interface. Then, connect the line output of the DVS interface to LINE 4 or LINE 5 which are assigned to CH2 as same as PHONO1. You can now easily select input source either from DVS or analog record, by just switching the CH2's input selector switch.

㊿ **PHONO2 DIRECT OUTPUT TERMINAL
(RCA Pin)**

Outputs PHONO2 input source directly. Use this terminal for connecting an interface (DVS) to use a control vinyl for digital DJ. Recommended setting is; Keep the record player connected to PHONO2 input, and connect this PHONO2 direct output to the PHONO input of the right-side DVS interface. Then, connect the line output of the DVS interface to LINE 6 or LINE 7 which are assigned to CH3 as same as PHONO2. You can now easily select input source either from DVS or analog record, by just switching the CH3's input selector switch.

� **MASTER LOOP INPUT TERMINAL
(Φ6.3 standard mono phone)**

This mixer can add external effectors (isolator, equalizer, delay, reverb etc) just before the final output stage. Connect the output from ㊼ to the external effector, and return the output of effector to this terminal.

㊼ **MASTER LOOP OUTPUT TERMINAL
(Φ6.3 standard mono phone)**

This mixer can add external effectors (isolator, equalizer, delay, reverb etc) just before the final output stage. Connect the output from this terminal to the external effector, and return the output of effector to this ㊶ .

㊳ **EARTH TERMINAL**

Connect the earth of the record player. Up to 3 record players can be connected to this mixer, thus 3 terminals are equipped. Be sure to connect the earth otherwise noise will be produced.

㊴ **MIC INPUT TERMINAL (XLR Connector)**

Connect the cable from microphone.

� **AUX OUTPUT SEND TERMINAL (RCA Pin)**

Useful when applying external effectors (delay, reverb, sampler, etc.) for a specific channel. Connect to the input terminal of the external effector.

㊴ **AUX INPUT RETURN TERMINAL (RCA Pin)**

Useful when applying external effectors (delay, reverb, sampler, etc.) for a specific channel. Connect to the output terminal of the external effector.

㊼ **MASTER1 UNBALANCED OUTPUT TERMINAL (Φ6.3 standard mono phone)**

Unbalanced output of final mix which level is set at ㉑ MASTER1 volume.

㊽ **MASTER1 BALANCED OUTPUT TERMINAL (XLR Pin2-Hot)**

Unbalanced output of final mix which level is set at ㉑ MASTER1 volume.

㊾ **MASTER2 BALANCED OUTPUT TERMINAL (XLR Pin2-Hot)**

Unbalanced output of final mix which level is set at ㉔ MASTER2 volume.
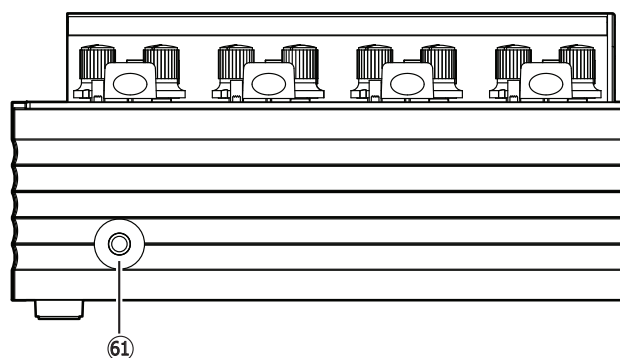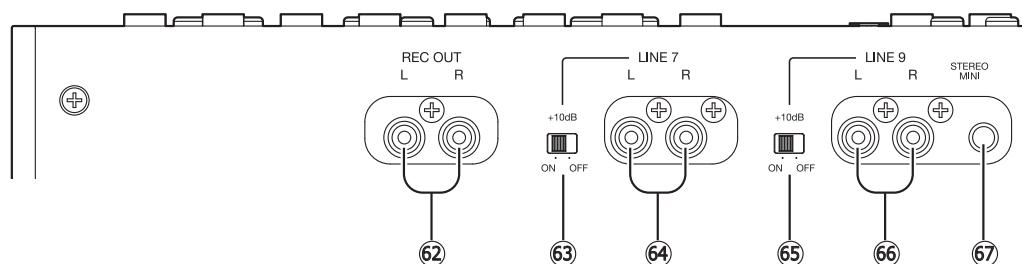
㊿ **POWER SUPPLY TERMINAL**

Connect the supplied power box.

※Do not use power supply other than the one provided, even if the terminal/plug shape is same. It may not only damage the unit but also may result in a fire.

㊱ **HEADPHONE TERMINAL (Φ6.3 standard stereo phone)**

To hear the channel(s) for which CUE button(s) is ON. Control the volume level at ㉟

㊱

62 REC OUT TERMINAL

Outputs same sound as master. However, its volume does not relate to the master volume, and it outputs as the level of 14:00 position. It is useful for recording the event mix.

63 LINE7 INPUT ATTENUATOR SWITCH

Switches the attenuator value of the sound input to LINE7. Set it to OFF to connect a normal LINE output device, and set +10dB ON to input low level output device such as mobile audio or smartphone.

67 LINE9 INPUT TERMINAL

Terminal for LINE level output devices such as CD player, audio interface, and for low level output devices such as mobile audio or smartphone. It is assigned to CH3.

65 LINE9 INPUT ATTENUATOR SWITCH

Switches the attenuator value of the sound input to LINE9. Set it to OFF to connect a normal LINE output device, and set +10dB ON to input low level output device such as mobile audio or smartphone.

66 LINE9 INPUT TERMINAL (RCA Pin)

Terminal for LINE level output devices such as CD player, audio interface, and for low level output devices such as mobile audio or smartphone. It is assigned to CH4. However, this input is disabled while the plug is inserted to 67 mini-stereo terminal.

67 LINE9 INPUT TERMINAL (Φ3.5 mini stereo phone)

Terminal for mini stereo input. If both 66 RCA pin terminal and this terminal are connected at the same time, this mini stereo phone takes precedence over RCA pin, and RCA input is shut off. This is assigned to CH4.

5. SPECIFICATIONS

INPUT STAGE (Standard level / impedance)

CH1
  LINE 1, 2 IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ
  LINE 3   IN φ6.3 Terminal×2 (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ

CH2
  PHONO1 IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺ -52dBv(1kHz)/47kΩ
  LINE 4   IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ
  LINE 5   IN φ6.3 Terminal×2 (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ

CH3
  PHONO2 IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺ -52dBv(1kHz)/47kΩ
  LINE 6,7 IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ

CH4
  PHONO3 IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺ -52dBv(1kHz)/47kΩ
  LINE 8   IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ
  LINE 9   IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ
            φ3.5 Stereo terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ
  MIC   IN XLR terminal (Balanced)   ⸺⸺⸺⸺⸺⸺⸺ -50dBv/3.3kΩ
  AUX RTN IN RCA Pin terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ
  MASTER LOOP IN φ6.3 Terminal×2 (Unbalanced) ⸺⸺⸺⸺⸺⸺ -10dBv/10kΩ

OUTPUT STAGE (Standard level / load impedance)

  MASTER OUT1 XLR terminal (Balanced) ⸺⸺⸺⸺⸺⸺⸺⸺ +4dBv/ ≧ 600Ω
  MASTER OUT1 φ6.3 Terminal×2 (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺ 0dBv/≧ 10kΩ
  MASTER OUT2 XLR terminal (Balanced) ⸺⸺⸺⸺⸺⸺⸺⸺ +4dBv/≧ 600Ω
  REC   OUT2 RCA terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺ -10dBv/≧ 10kΩ
  PHONO1,2 OUT RCA terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺ -52dBv/≧ 10kΩ
  AUX SEND   RCA terminal (Unbalanced) ⸺⸺⸺⸺⸺⸺⸺⸺ 0dBv/≧ 10kΩ
  MASTER LOOP OUT φ6.3 Terminal×2 (Unbalanced) ⸺⸺⸺⸺⸺ -10dBv/≧ 0kΩ
  HEADPHONE   OUT φ6.3 Terminal (Unbalanced) ⸺⸺⸺⸺ 120mW（max）/ ≧ 8Ω

FREQUENCY CHARACTERISTIC (at rated input/rated output)
  LINE IN → MASTER OUT ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 20～20kHz/+1.0dB-3dB

NOISE LEVEL (TRIM at 14:00 IFVR MAX MASTERVR at 14:00)
  MASTER OUT ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ ≦ 2mV

TOTAL HARMONIC DISTORTION (at rated input/rated output)
  1kHz LINE IN → MASTER OUT ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ ≦ 0.5%

  Power requirement ⸺⸺⸺⸺⸺ AC100V, 120V or 220V (depending on Region) 50/60Hz
  Power consumption ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ 95W
  Dimensions ⸺⸺⸺⸺⸺⸺⸺⸺ Unit : 430mm(W) × 91mm(H) × 410mm(D)
                                        (excl. meter housing)

                        430mm(W) × 120mm(H) × 410mm(D)
                                        (incl. meter housing)

                  Power Supply : 125mm(W) × 74mm(H) × 183mm(D)

  Weight ⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺⸺ Unit : 11Kg
            Power Supply : 2.5kg (100V), 3.2kg (120V), 3.2kg (220V)

NB: For product improvements, specifications and appearance
are subject to change without notice.

6. WARRANTY AND AFTER-SALES SERVICE

（1）WARRANTY CARD

There is no printed warranty card included. The purchase date, owner information, and the serial number of this unit will be registered and managed by "Stpvestax LLP", and can be verified by the dealer or owner by contacting the manufacturer "Stpvestax LLP" (stpvestax.com). (Privacy/Personal data is strictly handled). If the unit's owner changes, the warranty period will be continued by verification from both the previous owner and the new owner.

> Warranty period is one (1) year.

※ From the date from the original retail purchase.
※ The owner shall bear the freight-costs for repair, even within the warranty period.

（2）REPAIR QUESTIONS

For repair consultation and product questions, please contact your original dealer from whom you purchased the unit, or "Stpvestax LLP" (stpvestax. Com)

（3）REPAIR REQUESTS

For unit failures or faults, immediately cease using it and request a repair from the original dealer from whom you purchased the unit. (Even within the warranty period, repair fees may be charged depending upon the nature and cause of the defect).

During the warranty period, repairs will be performed according to our warranty policy.

Following the expiration of the warranty period, the unit can be repair at your request. If you require an estimate first, please tell us in advance. An "Estimate Fee" will also be charged, but it will be included in that repair fee if you decide to proceed with the repair.

If for any reason, the original dealer from whom you purchased the unit has closed, please contact "Stpvestax LLP" (stpvestax.com) for support.

（4）NON-REPAIRABLE CASES AND CONDITIONS

Repairs may not be possible, or we may refuse to repair a unit if it exhibits any of the following conditions ... Faults caused by opening and modifying the unit by the Purchaser or 3rd Party. Additionally, in the case where liquid-spillage from drinks or continued usage in wet environments has resulted in prior repairs, the unit may fail again due to adjunct damage which develops over time. Therefore, a repair cannot be guaranteed to prevent a recurrence of product failure or faults.

（5）REPLACEMENT UNIT DURING REPAIR PERIOD

We are not able to offer a replacement unit during the repair period. If using our unit for business purposes, we recommend you purchase a back-up machine as necessary.

If you have any questions or want to know more information, please visit our official website.

www.stpvestax.com