Vestax

Vestax Mixing Controller

VMC-004FXu

取 扱 説 明 書 P.2~

OWNER'S MANUAL P.14~

── CONGRATULATIONS ! ──

Thank you for purchasing the Vestax VMC-004FXu Mixing Controller. We suggest that you read through this owner's manual thoroughly so that you may enjoy the full use of this product safety and in the knowledge of all its special features and suitably applications.

CONTENTS

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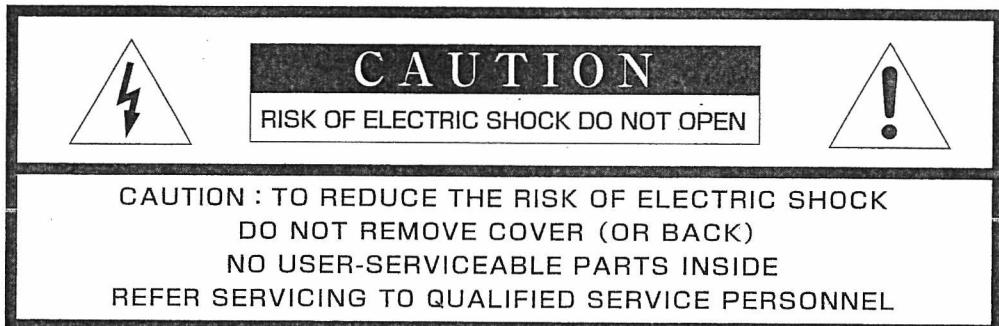
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to consitute a risk of electric shock to persons.

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 appliance.

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

IMPORTANT SAFEGUARDS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read instructions-All the safety and operating instructions should be read before the appliance is operated.

2. Retain instructions-The safety and operating instructions should be retained for future reference.

3. Heed Warnings-All warnings on the appliance and in the operating instructions should be adhered to.

4. Follow Instructions-All operating and use instructions should be followed.

5. Cleaning-Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Attachments-Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7. Water and Moisture-Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

8. Accessories-Do not place this product on an unstable cart, stand, tripod, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart,. stand, tripod, bracket, or table recommended by the manufacturer, or sold with product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10. Power sources-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company.

11. Lightning-For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

12. Overloading-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

13. Object and Liquid Entry-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

14. Servicing-Do not attempt to service product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel.

15.Damage Requiring Service-Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a.When the power-supply cord or plug is damaged.
b.If liquid has been spilled or objects have fallen into the product.
c.If the product has been exposed to rain or water.
d.If the product dose not operate normally by following the operating instructions. Adjust only those controls that are coverd by the operating instructions as an improper adjustment of other, controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
e.If the product has been dropped or cabinet has been damaged.
f. When the product exhibits a distinct change in performance this indicates need for service.

16.Replacement Parts-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock or other hazards.

17.Safety Check-Upon completion of any service or repairs to product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

18.Carts and Stands-The appliance should be used only with a cart stand that is recommended by manufacturer.

19.An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

FEATURES

●Effects are assignable separately to the master section and A & B side of the crossfader. Easily selectable with the effect assign switch.

●A High-grade 24bit/96kHz Digital Sound Processor (DSP) has been applied to the VMC-004FXu for better sound quality and less latency.

●Digital connection with computers and USB devices is enabled by installing TUB-1(USB Board / Sold Separately)to the OPTION BOARD slot.

●Original algorithm developed so that each effect parameter is adjustable with simple operation.

●The TAP button is used to set the delay time and LFO rate,simply by tapping the button. The inputted tempo can be switched to 1/4, 1/2, 3/4 and double of the original tempo instantly with the beat select switches.

CONTROLS AND FUNCTIONS

TOP PANEL
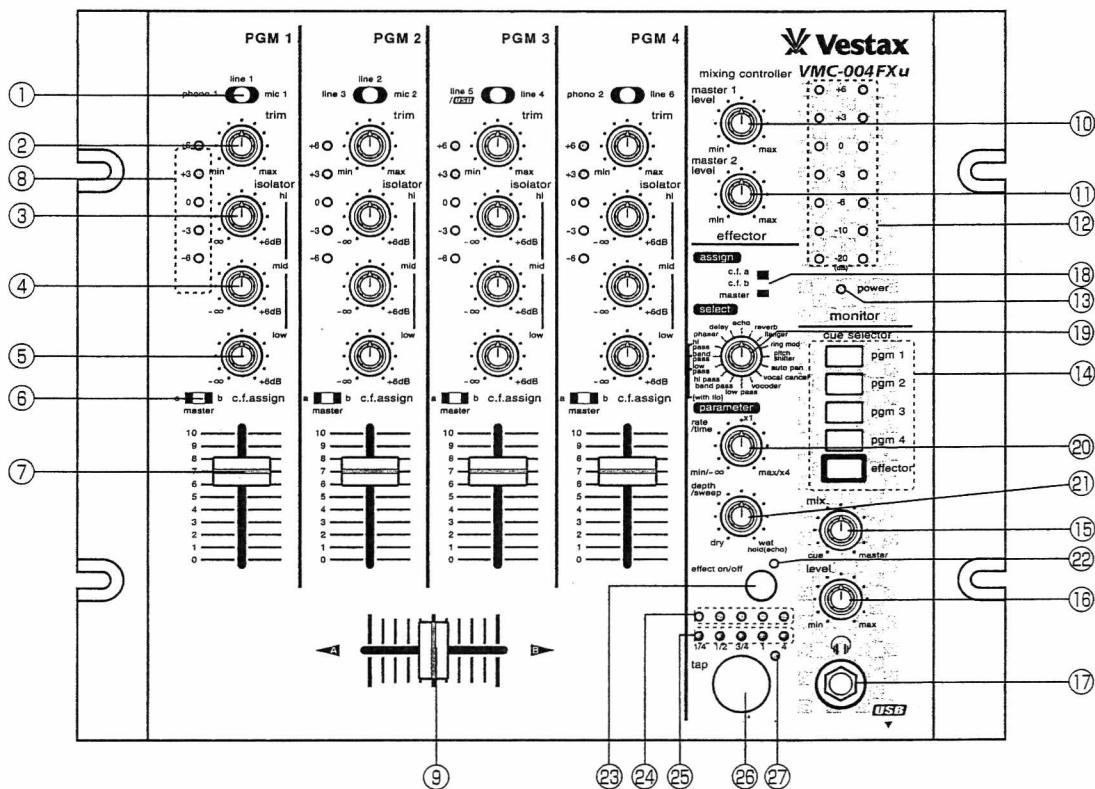
①INPUT SELECTOR
Used to select the signal (LINE or PHONO) to be sent to each PGM channel. The upper most position will select PHONO input. This selector switch can also be used to perform for TRANSFORMER SCRATCH.
※When 2 individual inputs are connected to LINE 5 and USB(Optional, please read REAR PANEL on page19) and if the input select switch of PGM 3 is set to LINE 5/USB, both signals will be mixed in to the channel.

②TRIM VOLUME
Adjusts the input level of each channel. For optional acoustic quality, set the INPUT LEVEL VOLUME to a position of 7 or 8 then; adjust the TRIM so that a sufficient signal is fed through the channel without distorting.

③ISOLATOR HI
Adjusts the HI frequency level of each PGM.

④ISOLATOR MID
Adjusts the MID frequency level of each PGM.

⑤ISOLATOR LOW
Adjusts the LOW frequency level of each PGM.

⑥C.F. ASSIGN SWITCH
Assigns the signals from each of the PGM channels to either side of the crossfader and to OUTPUTS as well. There are three positions;
A・・・The PGM is sent to the "A" position or left position of the crossfader.
MASTER・・・The PGM is sent directly to the OUTPUTS.

B・・・The PGM is sent to the "B" position or right side of the crossfader.

⑦INPUT LEVEL FADER
Used to adjust the input level of each PGM channel.

⑧INPUT LEVEL METER
The LED level meters indicate the input signal level of each PGM channel.

⑨CROSS FADER
When the input level of PGM1 and PGM2 are properly set, PGM1 will be heard with the crossfader set to the left side. PGM2 will be heard with the cross fader set to the right side. When the crossfader is set in the center, both programs will be heard. This fader is detachable for easy replacement with "CF-R US" when it is worn out.

⑩MASTER 1 LEVEL VOLUME
Adjusts the signal level outputs from MASTER 1 OUTPUT JACKS ㊱㊳.

⑪MASTER 2 LEVEL VOLUME
Adjusts the signal level outputs from MASTER 1 OUTPUT JACKS ㊲.

⑫MASTER LEVEL METER
The LED level meters indicate the master① signal level of each PGM cannel.

⑬POWER INDICATOR
Lights up when the POWER SWITCH ㉚ is on.

⑭CUE CHANNEL SELECT SWITCH
This switch is used to select which program channel 1-4 is heard in headphones connected to the mixer.

⑮MONITOR MIX VOLUME
This volume is used to select which type of monitor signal, either CUE or MASTER, is heard in headphones connected to the mixer. When set to CUE, signals from PGM channel selected by CUE CHANNNEL SELECT SWITCH⑭ will be heard. When set to MASTER, signals from OUTPUT will be heard. Signals are mixed as volume knob is turned.

⑯MONITOR LEVEL VOLUME
Adjusts the headphone monitor level.

⑰PHONE JACK
Connect the headphones with the impedance of 8ohm to 600ohm

⑱Effect assign
This switch selects the sound source to have effects added to. The assign section is selectable from the A & B side of the crossfader and the Master sound.

⑲Effect select
This switch selects the type of effect you wish to use.

⑳Rate/time volume
This volume adjusts the rate/time of each effect.

㉑Depth/sweep volume
This volume adjusts the depth/sweep of each effect.

㉒Effect on/off indicator
This indicator lights up when the effector is ON.

㉓Effect on/off button
This button turns the effector on ON/OFF.

㉔Beat select indicator
This indicator indicates the selected beat button.

㉕Beat select button
This button changes each effect tempo set with the TAP button or rate/time volume to 1/4, 1/2, 3/4, 1 and 2 of the original tempo.

㉖TAP button
The rhythm of when this button is pushed for more than 2 times becomes the BPM of the "1" button.

㉗TAP indicator
This indicator flashes on and off and shows BPM which set.

FRONT PANEL
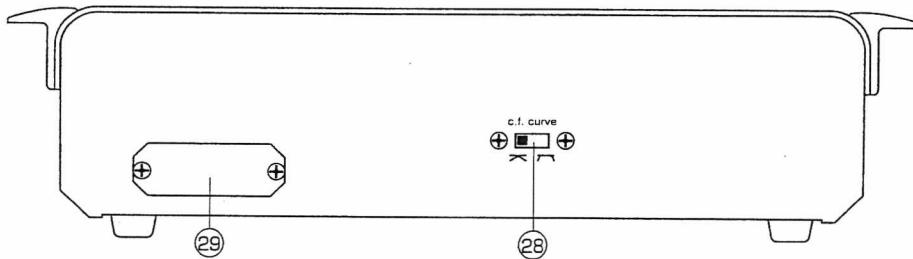
## ㉘C.F. CURVE SELECT SWITCH
Adjusts the crossfader curve. Setting to the right side gives a steep crossfader good for scratching and cutting, whereas, setting to the left side gives a gentle crossfader good for long running mixes.

㉙OPTION BOARD INSERT

REAR PANEL
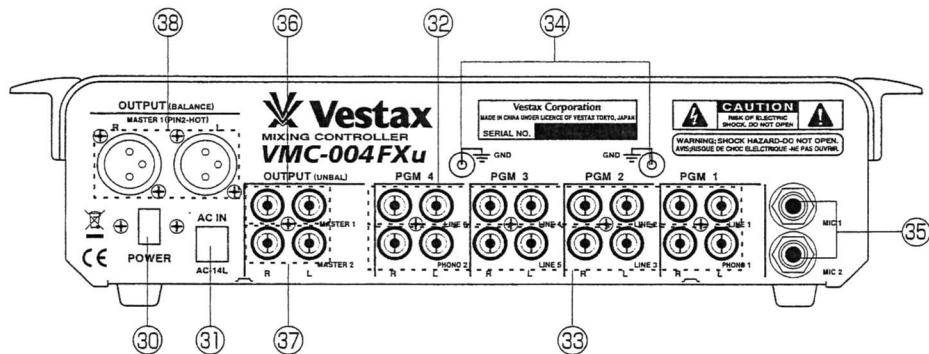
㉚POWER SWITCH
Used to turn power on. When you operate this switch, make it sure that the volume of the connected powered amplifier is how enough or the main switch of amplifier is turned off. If you use other adaptor, may cause damage to the mixer.

㉛POWER IN JACK
Connect the Vestax AC-14 an exclusive, AC adaptor.

㉜LINE INPUT JACK
Connect the equipment with line level output (-10dB or 0dB), such as CD players, tape decks, DATs, MDs, etc. The signal from line level equipment is fed to the PGM channels when Line input is selected.

㉝PHONO INPUT JACK
Connect turntables equipped with MM (Moving Magnet type) cartridge. The signal from the turntable is fed to the PGM channels when Phono input is selected.

㉞GROUND TERMINAL
Connect this terminal to the ground lead of the turntables.

㉟MIC INPUT JACK
Input jack for MIC. Corresponds to ϕ 6.3 standard stereo plug.

㊱MASTER 1 OUTPUT JACK [RCA PIN JACK]
Output connection for MASTER 1 LEVEL volume. Connect to INPUT on the power amplifier. (Connect to AUX or LINE if using an Audio amplifier.)

㊲MASTER 2 OUTPUT JACK [RCA PIN JACK]
Output connection for MASTER 2 LEVEL volume. Connect to INPUT on the power amplifier. (Connect to AUX or LINE if using an Audio amplifier.) This output can also be used for recording or monitoring the sound.

㊳MASTER1 OUTPUT JACK
[BALANCED XLR JACK: HOT=PIN2]
XLR output jack for signals from MASTER 1 LEVEL volume. Connect to INPUT on the power amplifier. (Connect to AUX or LINE if using an Audio amplifier.)

ABOUT THE EFFECTS

①DELAY

This effect adds a delay sound to the original sound. Maximum delay time is 2.7seconds.
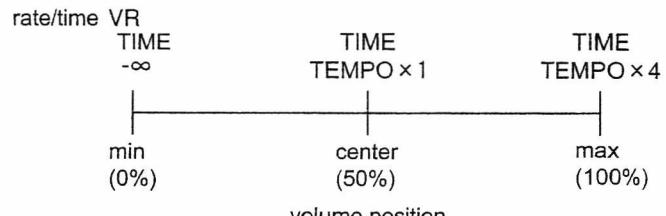
■TAP button

The average tempo set by pushing the TAP button more than 2 times becomes the LFO cycle tempo.

■Beat select button

"1/4" TEMPO= (A) ×1/4
"1/2" TEMPO= (A) ×1/2
"3/4" TEMPO= (A) ×3/4
"1"   TEMPO= (A) ×1
"2"   TEMPO= (A) ×2

rate/time VR

TIME -∞	TIME TEMPO × 1	TIME TEMPO × 4
min (0%)	center (50%)	max (100%)

volume position

depth/sweep VR

DRY:EFFECT=1:1

LEVEL — DRY — EFFECT

| min (0%)	center (50%)	max (100%)

volume position
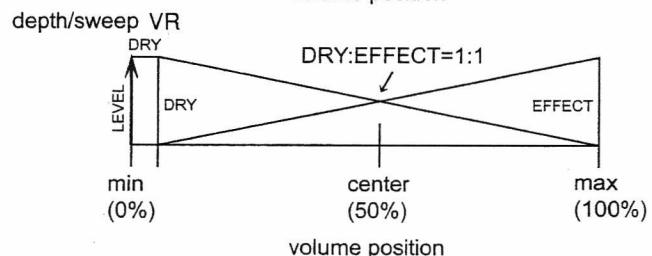
②ECHO

This effect adds numerous delay sounds to the original sound.

■TAP button

The average tempo set by pushing the TAP button more than 2 times becomes the LFO cycle tempo.

■Beat select button

"1/4" TEMPO= (A) ×1/4
"1/2" TEMPO= (A) ×1/2
"3/4" TEMPO= (A) ×3/4
"1"   TEMPO= (A) ×1
"2"   TEMPO= (A) ×2

rate/time VR

TIME -∞	TIME TEMPO × 1	TIME TEMPO × 4
min (0%)	center (50%)	max (100%)

volume position

depth/sweep VR

DRY:EFFECT=1:1   HOLD

LEVEL — DRY — EFFECT

| min (0%)	center (50%)	max (100%)

volume position
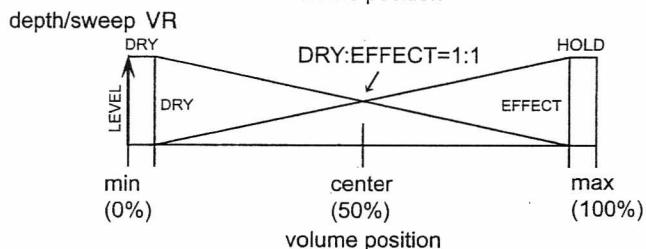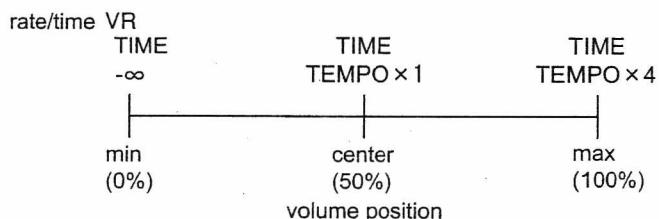
※HOLD

The echo repeating sound will repeat play in the rhythm of the TEMPO when the depth/sweep volume is set to HOLD. The TEMPO of the repeating sound can be set with rate/time volume and beat select button.

③REVERB

This effect adds a reverberant sound to the original sound.

rate/time VR

reverb hall

reverb room

min (0%)	center (50%)	max (100%)

volume position

depth/sweep VR

DRY:EFFECT=1:1

LEVEL — DRY — EFFECT

min (0%)	center (50%)	max (100%)

volume position
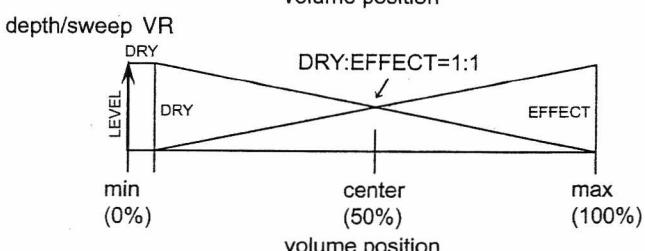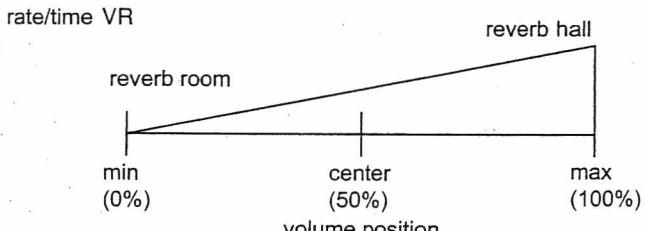
④FLANGER

This effect adds a time-shifted sound to the original sound.

■TAP button

The average tempo set by pushing the TAP button more than 2 times becomes the LFO cycle tempo.

■Beat select button

"1/4" TEMPO=(A)×1/4
"1/2" TEMPO=(A)×1/2
"3/4" TEMPO=(A)×3/4
"1" TEMPO=(A)×1
"2" TEMPO=(A)×2

rate/time VR

| TIME | TIME | TIME |
| -∞ | TEMPO×1 | TEMPO×4 |

| min | center | max |
| (0%) | (50%) | (100%) |

volume position

depth/sweep VR

DRY:EFFECT=1:1

| min | center | max |
| (0%) | (50%) | (100%) |

volume position
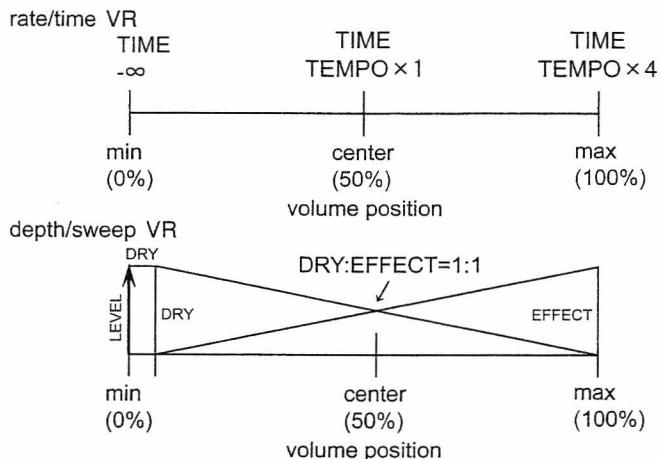
※ **Restarting the LFO**

This feature restarts the LFO cycle to gain the same LFO effect when adjusting the depth/sweep volume and beat select button.

⑤RING MOD.

This effect modulates the original sound with sign wave patterns.

rate/time VR

| mod.freq. | mod.freq. | mod.freq. |
| LOW | MID | HI |

| min | center | max |
| (0%) | (50%) | (100%) |

volume position

depth/sweep VR

DRY:EFFECT=1:1

| min | center | max |
| (0%) | (50%) | (100%) |

volume position
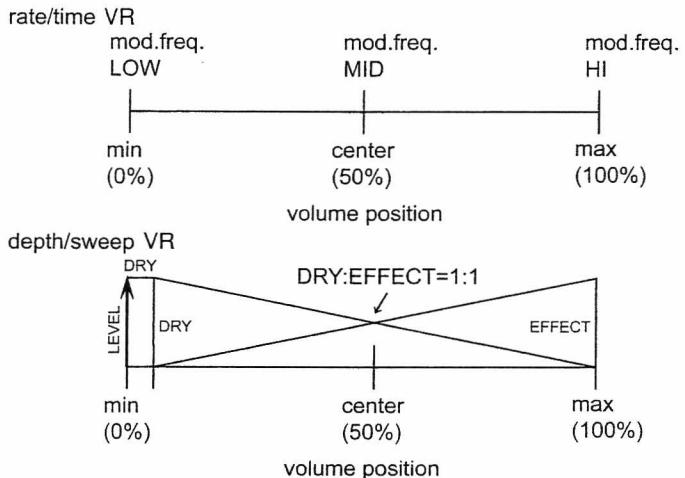
⑥PITCH SHIFTER

This effect changes the pitch of the original sound.

rate/time VR

| SLOW | 1/1 | HI |

| min | center | max |
| (0%) | (50%) | (100%) |

volume position

depth/sweep VR

DRY:EFFECT=1:1

| min | center | max |
| (0%) | (50%) | (100%) |

volume position

-21-
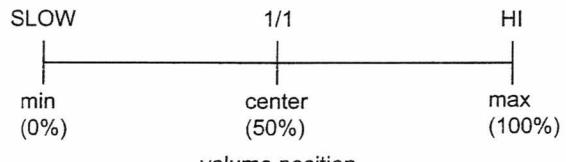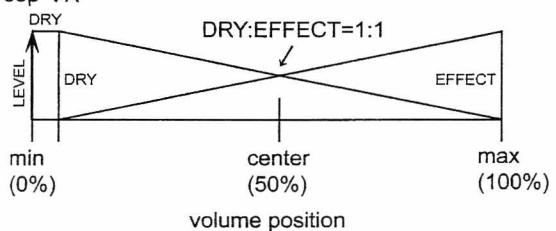
⑦AUTO PAN

This effect changes the volume balance of left and right.

■TAP button

The average tempo set by pushing the TAP button more than 2 times becomes the LFO cycle tempo.

■Beat select button

"1/4" TEMPO= (A) ×1/4
"1/2" TEMPO= (A) ×1/2
"3/4" TEMPO= (A) ×3/4
"1"   TEMPO= (A) ×1
"2"   TEMPO= (A) ×2

rate/time VR

TIME -∞	TIME TEMPO × 1	TIME TEMPO × 4
min (0%)	center (50%)	max (100%)

volume position

depth/sweep VR

DRY:EFFECT=1:1

LEVEL — DRY ... EFFECT

| min (0%) | center (50%) | max (100%) |

volume position
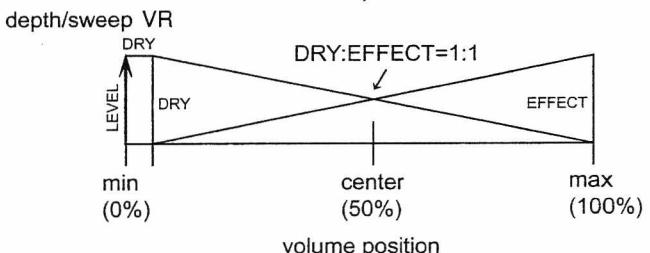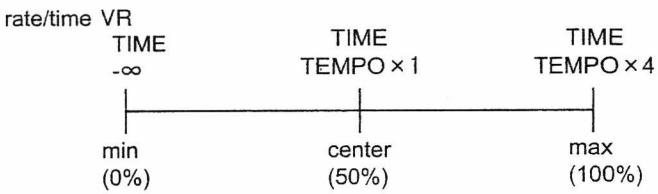
⑧VOCAL CANCEL

This effect affects the mid frequency and cuts out the vocal sound.

rate/time VR

cut MID-LOW	cut MID	cut MID-HI
min (0%)	center (50%)	max (100%)

volume position

depth/sweep VR

DRY:EFFECT=1:1

LEVEL — DRY ... EFFECT

| min (0%) | center (50%) | max (100%) |
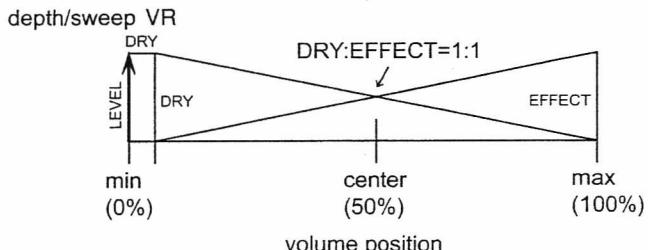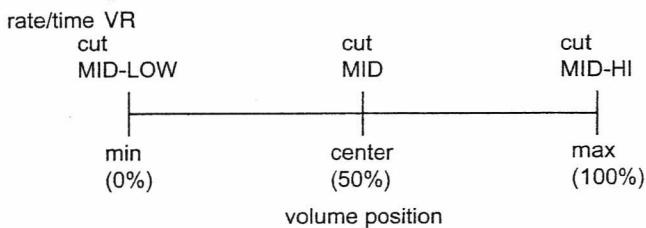
volume position

⑨VOCODER

This effect changes the original sound to a robotic sound.
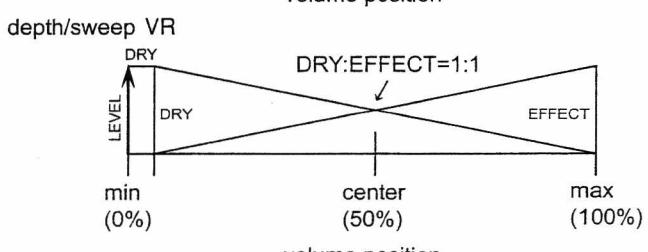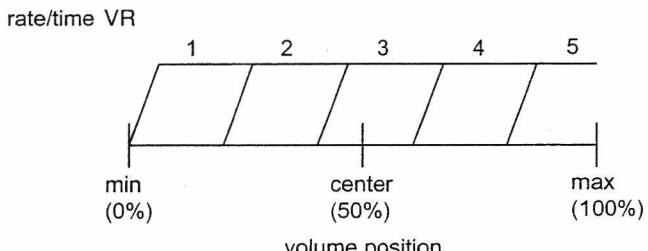
rate/time VR

1	2	3	4	5
min (0%)		center (50%)		max (100%)

volume position

depth/sweep VR

DRY:EFFECT=1:1

LEVEL — DRY ... EFFECT

| min (0%) | center (50%) | max (100%) |

volume position

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## ⑩LOW PASS FILTER (MANUAL)

The Q changes with the rate/time volume. The depth/sweep volume adjusts the filter frequency.

rate/time VR

```
                    ←  Q  →
    |──────────────────┼──────────────────|
   min              center               max
   (0%)             (50%)              (100%)
              volume position
```

depth/sweep VR
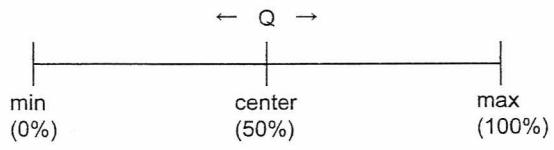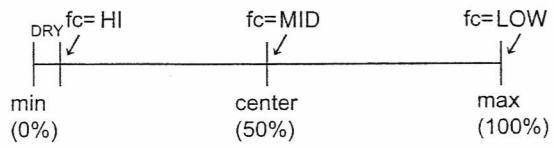
```
        DRY  fc= HI        fc=MID           fc=LOW
    |  |  ↙          ↙              ↙
    |──┼──────────────────┼──────────────────|
   min              center               max
   (0%)             (50%)              (100%)
              volume position
```

## ⑪BAND PASS FILTER (MANUAL)

The Q changes with the rate/time volume. The depth/sweep volume adjusts the filter frequency.

rate/time VR

```
                    ←  Q  →
    |──────────────────┼──────────────────|
   min              center               max
   (0%)             (50%)              (100%)
              volume position
```

depth/sweep VR
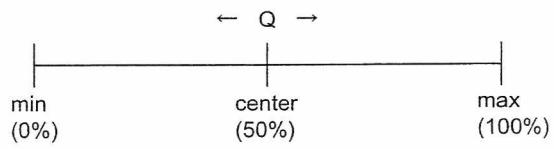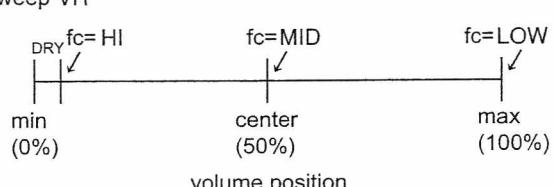
```
        DRY  fc= HI        fc=MID           fc=LOW
    |  |  ↙          ↙              ↙
    |──┼──────────────────┼──────────────────|
   min              center               max
   (0%)             (50%)              (100%)
              volume position
```

## ⑫HI PASS FILTER (MANUAL)

The Q changes with the rate/time volume. The depth/sweep volume adjusts the filter frequency.

rate/time VR

```
                    ←  Q  →
    |──────────────────┼──────────────────|
   min              center               max
   (0%)             (50%)              (100%)
              volume position
```

depth/sweep VR
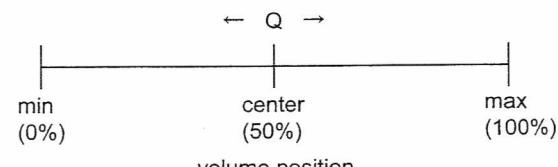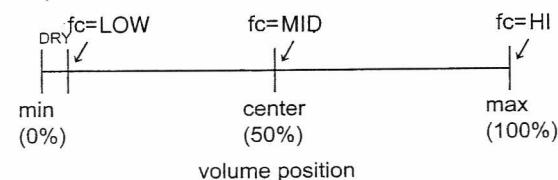
```
        DRY  fc=LOW        fc=MID           fc=HI
    |  |  ↙          ↙              ↙
    |──┼──────────────────┼──────────────────|
   min              center               max
   (0%)             (50%)              (100%)
              volume position
```

⑬LOW PASS FILTER with LFO
⑭BAND PASS FILTER with LFO
⑮HI PASS FILTER with LFO
The filters frequency changes in the time cycle set with the rate/time volume and TAP button.

■TAP button
The average tempo set by pushing the TAP button more than 2 times becomes the LFO cycle tempo.

■Beat select button

"1/4" TEMPO= (A) ×1/4
"1/2" TEMPO= (A) ×1/2
"3/4" TEMPO= (A) ×3/4
"1"   TEMPO= (A) ×1
"2"   TEMPO= (A) ×2
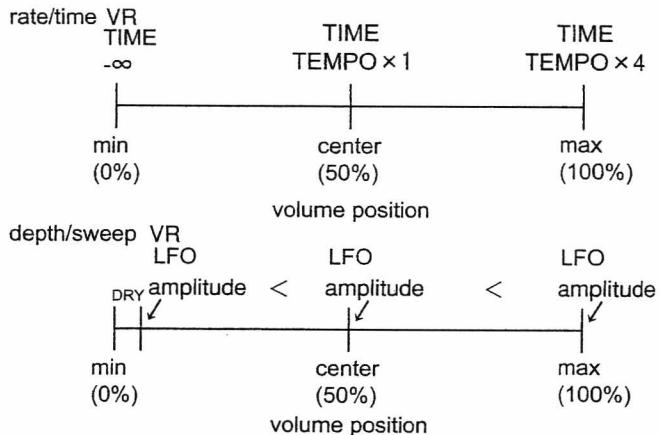
⑯PHASER
This effect adds different phases to the original sound.

■TAP button
The average tempo set by pushing the TAP button more than 2 times becomes the LFO cycle tempo.

■Beat select button

"1/4" TEMPO= (A) ×1/4
"1/2" TEMPO= (A) ×1/2
"3/4" TEMPO= (A) ×3/4
"1"   TEMPO= (A) ×1
"2"   TEMPO= (A) ×2

rate/time VR

TIME $-\infty$	TIME TEMPO × 1	TIME TEMPO × 4
min (0%)	center (50%)	max (100%)

volume position

depth/sweep VR

DRY LFO amplitude	<	LFO amplitude	<	LFO amplitude
min (0%)		center (50%)		max (100%)

volume position

※ Restarting the LFO
This feature restarts the LFO cycle to gain the same LFO effect when adjusting the depth/sweep volume and beat select button.

rate/time VR

TIME $-\infty$	TIME TEMPO × 1	TIME TEMPO × 4
min (0%)	center (50%)	max (100%)

volume position

depth/sweep VR

DRY LFO amplitude	<	LFO amplitude	<	LFO amplitude
min (0%)		center (50%)		max (100%)

volume position
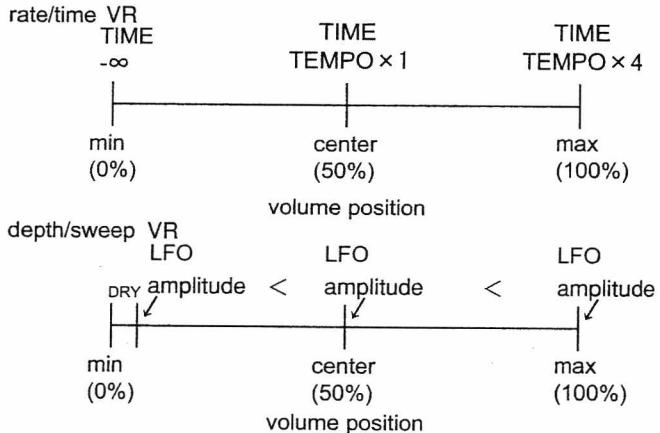
※ Restarting the LFO
This feature restarts the LFO cycle to gain the same LFO effect when adjusting the depth/sweep volume and beat select button.

HOW TO CHANGE THE FADER UNIT

┌─ **CAUTION** ────────────────────────┐
· When you change the fader, make it sure that
  the main switch is turned off. If not, may
  cause noise or short circuit.
· When you use the screwdriver, make it sure
  that you should choose the right side.
  Otherwise, may break screws.
└──────────────────────────────────────┘

■HOW TO REMOVE THE TOP PANEL.

①Remove all fader knobs and the 4screws.
  (see fig.A)
②Remove the top panel.
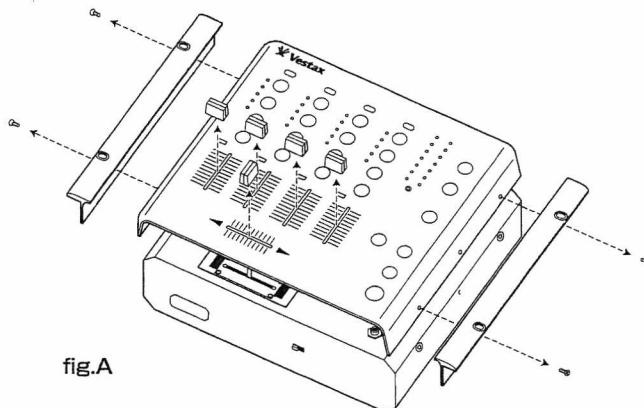
fig.A
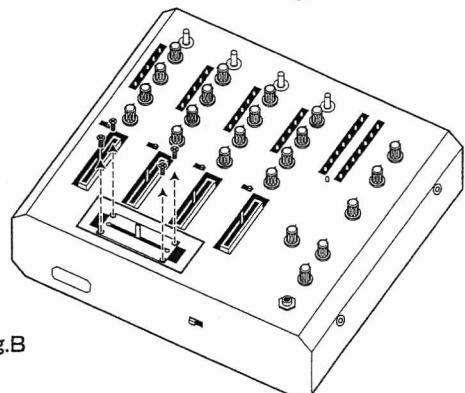
■HOW TO CHANGE THE FADER UNIT

①Remove the screws on the fader panel.
  (see fig.B)
②Remove the fader unit from the mixer.
③Carefully remove the multi-cable connector from
  fader unit.
  (see fig.C)
④Attach multi-cable connector to new fader unit.
⑤Position the fader unit carefully and secure with
  screws.

fig.B

■HOW TO REPLACE THE CF UNIT WITH "CF-PCV"

Please see fig.C for replacement of the fader.
Place the fader unit in the proper position and fix it
with two screws. (fig.D-b)
There is a switch for CF-PCV unit. When "CF-
PCV" unit is installed, set the switch to "PCV"
mode.

Remove the
multi-cable
connector from
fader unit.

fig.C   Remove four scews.
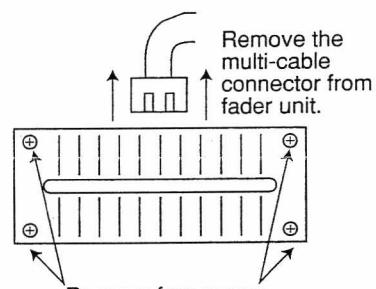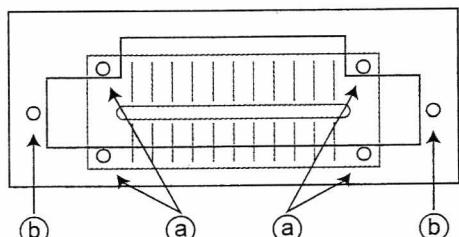
┌─ **CAUTION** ────────────────────────┐
When the fader unit is replaced, do not loosen
the screws with ✕ marking.
└──────────────────────────────────────┘

fig.D

ⓐ: CF-RUS or CF-R
ⓑ: CF-PCV

CONNECTION DIAGRAM [example]

TAPE RECORDER, CD, MD etc — OUTPUT

CD, MD player, TAPE DECK etc — LINE

CDPLAYER [ex.VESTAX CDX-16] CDPLAYER [ex.VESTAX CDX-16]

TAPE RECORDER, CD, MD, DAT, etc.

OUT PUT   OUT PUT

LINE2   LINE2

MASTER

Vestax
MIXING CONTROLLER
VMC-004FXu

Vestax Corporation
MADE IN CHINA UNDER LICENCE OF VESTAX TOKYO, JAPAN.
SERIAL NO.

CAUTION
RISK OF ELECTRIC
SHOCK. DO NOT OPEN
WARNING; SHOCK HAZARD-DO NOT OPEN.
AVIS;RISQUE DE CHOC ELELCTRIQUE -NE PAS OUVRIR.

OUTPUT (BALANCE)
MASTER 1 (PIN2-HOT)
R   L

GND   GND

OUTPUT (UNBAL)   PGM 4   PGM 3   PGM 2   PGM 1

AC IN   MASTER 1   LINE 6   LINE 4   LINE 2   LINE 1   MIC 1

POWER   MASTER 2   PHONO 2   LINE 5   LINE 3   PHONO 1   MIC 2
AC-14L   R   L   R   L   R   L   R   L

GND   GND

MASTER   PHONO2   PHONO1

POWER AMPLIFIER [ex.VESTAX DA-X1000]

TURNTABLE[ex.VESTAX PDX-3000]

MAIN SPEAKER   MAIN SPEAKER

TURNTABLE[ex.VESTAX PDX-3000]

AMPLIFIER — OUTPUT

TURNTABLE — PHONO

-26-

SPECIFICATIONS

INPUT SECTION		NOMINAL INPUT	MAXIMUM INPUT	IMPEDANCE
MIC IN:PGM-1~2 (φ6.3 PHONE JACK / UNBULANCED)		-52dBv (2.5Vrms)	-30dBv (32mVrms)	3.3kΩ
PHONO IN:PGM-1~4 (RCA PIN JACK / UNBULANCED)		-45dBv (5.6Vrms)	-22dBv (80mVrms)	49kΩ
LINE IN:PGM-1~4 (RCA PIN JACK / UNBULANCED)		-4dBv (1.0V)	+11dBv (70Vrms)	7kΩ
OUTPUT SECTION		NOMINAL INPUT	MAXIMUM INPUT	IMPEDANCE
MASTER OUT:1~2 (RCA PIN JACK / UNBULANCED)		0dBv (1.0Vrms)	+17.5dBv (7.5Vrms)	220Ω
PHONES (φ6.3 PHONE JACK)			100mW (47Ω102d)	>8Ω
ISOLATER (PGM-1~4)	:HI	2.5kHz≦ / BOOST:+6dB CUT:-∞		
	:MID	250Hz ~ 2.5kHz / BOOST:+6dB CUT:-∞		
	:LOW	≦250Hz / BOOST:+6dB CUT:-∞		
FREQUENCY RESPONSE	:LINE	20Hz ~ 20KHz ±3dB		
S/N RATIO	:LINE	70dB≦		
CROSS TALK	:C.F.	65dB≦		
	:PGM	65dB≦		
OTHER				
POWER SUPPLY		AC-14, 1500mA		
POWER REQUIREMENT		≒20VA		
WEIGHT		≒4.5kg		
DIMENSIONS (W×H×D)		264×105×260 (mm)		
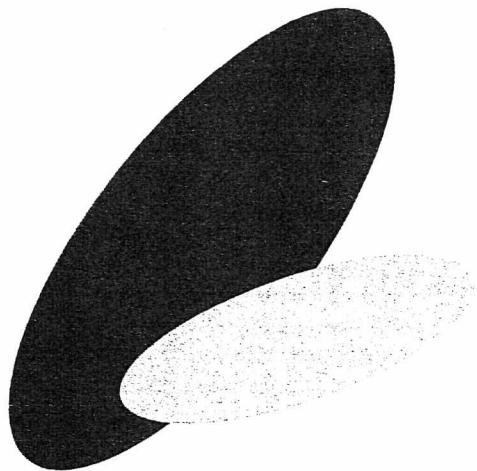
Vestax Corporation

☒ Vestax

mixing controller
VMC-002XLu TUB
VMC-004XLu TUB
VMC-004FXu TUB

(**Supplemental Instruction Sheet**)

Please be sure to completely read this supplemental instruction sheet along with the user's
manual of the following products. (Products labeled "TUB")
- VMC-002XLu_TUB
- VMC-004XLu_TUB
- VMC-004FXu_TUB

◇ HOW TO USE USB

Connect the mixers USB input/output port to a computers USB port with a USB cable.
Sound Input/Output will be enabled simply by connecting via USB, using the OS internal driver.
※USB board features
  · USB1.1(USB2.0 compatible) compliant
  · USB BUS power operated
The USB POWER LED will light up after the mixer is identified by the computer and the power
has been supplied.

◇ USB PORT CHANNEL ASSIGN

(1) VMC-002XLu TUB
⇒Please refer to (27) , page 13 of the VMC-002XLu users manual.
Assigned to:
INPUT: LINE2/USB of PGM2
OUTPUT: MASTER OUTPUT

(2) VMC-004XLu_TUB
⇒Please refer to (20), page 13 of the VMC-004XLu users manual.
Assigned to:
INPUT: LINE4/USB of PGM4
OUTPUT: MASTER OUTPUT

(3) VMC-004FXu_TUB
⇒Please refer to (29), page 18 of the VMC-004FXu users manual.
Assigned to:
INPUT: LINE5/USB of PGM3
OUTPUT: MASTER OUTPUT

USB POWER LED
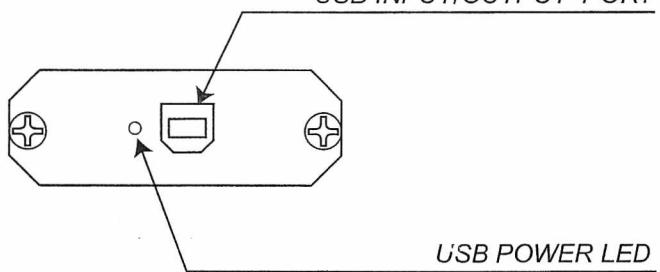
◇ SYSTEM REQUIREMENTS
Minimum System requirement

●OS(Operating System)
Windows:
Windows98/98SE/Me, 2000/XP
(Windows XP will require the latest USB audio driver available from Windows update website)

Macintosh:
- ・ Mac OS X 9.1 and later versions
- ・ Mac OS X 10.0 English Edition and later versions
- ・ Mac OS X 10.1 Japanese Edition and later versions

(Mac OS X 10.0 Japanese Edition is NOT SUPPORTED)
All versions before OS X 9.1 is NOT SUPPORTED

※ NOTE
- ・ The minimum system requirements above are for the mixer. If the minimum system requirement of the software is higher than the mixers requirement, please prepare an advanced operating system qualified.
- ・ Macintosh CPU accelerator cards are not supported. The computer must have USB connection.
- ・ YAMAHA AC-XG Audio Device does not work with this mixer.

*Above are minimum requirements and does not guarantee performance for all computers and devices.

◇ USB connection confirmation

The USB POWER LED (red) will light up when the mixer is connected to a computer via USB and indicate that USB input/output is operating.
Please follow the instructions below to confirm if the computer has identified the mixer via USB connection.

Windows XP:
To check connection status in Windows XP, view [control panel] > [system] > [hardware] > [device manager] > inside [sound, video and game controller] find [USB Audio device] .
If both are displayed and the status is "This device is installed correctly", the mixer and computer is connected correctly.

Macintosh:
To check the connection status in Macintosh, view [Applications] > [Utilities] > [Audio MIDI setting] > [MIDI device] and find "Vestax PC-CONTROLER". The property shall show,
   * Device: Vestax PC CONTROLLER
   * Manufacturer: Vestax
   * Model: Vestax PC-CONTROLLER
The computer and the mixer are connected correctly if the information above is shown.