



Professional Mixing Controller

***PMC-06Pro*** **VCA**

**OWNER'S MANUAL**

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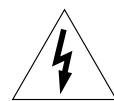
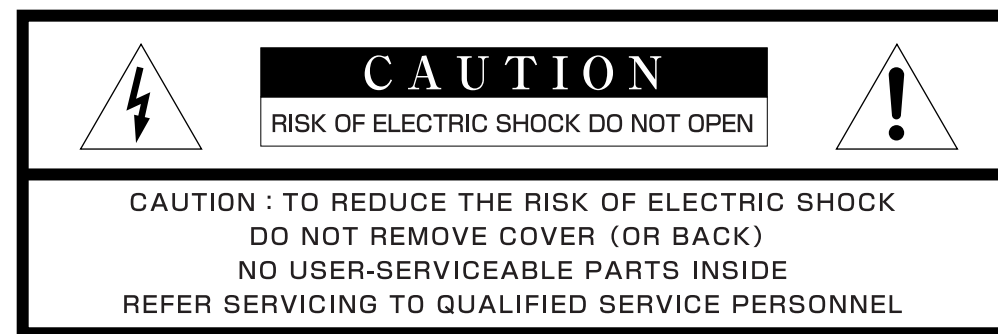
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## CONGRATULATIONS !

Thank you for purchasing Vestax's PMC-06Pro VCA Professional Mixing Controller. We suggest that you read through this owner's manual thoroughly to enjoy this product safely and in knowledge of all its special features and suitable applications.

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



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

# FUNCTIONS

## TOP PANEL SECTION

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

- When the power-supply cord or plug is damaged.
- If liquid has been spilled or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product dose not operate normally by following the operating instructions. Adjust only those controls that are covered 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.
- If the product has been dropped or cabinet has been damaged.
- 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.

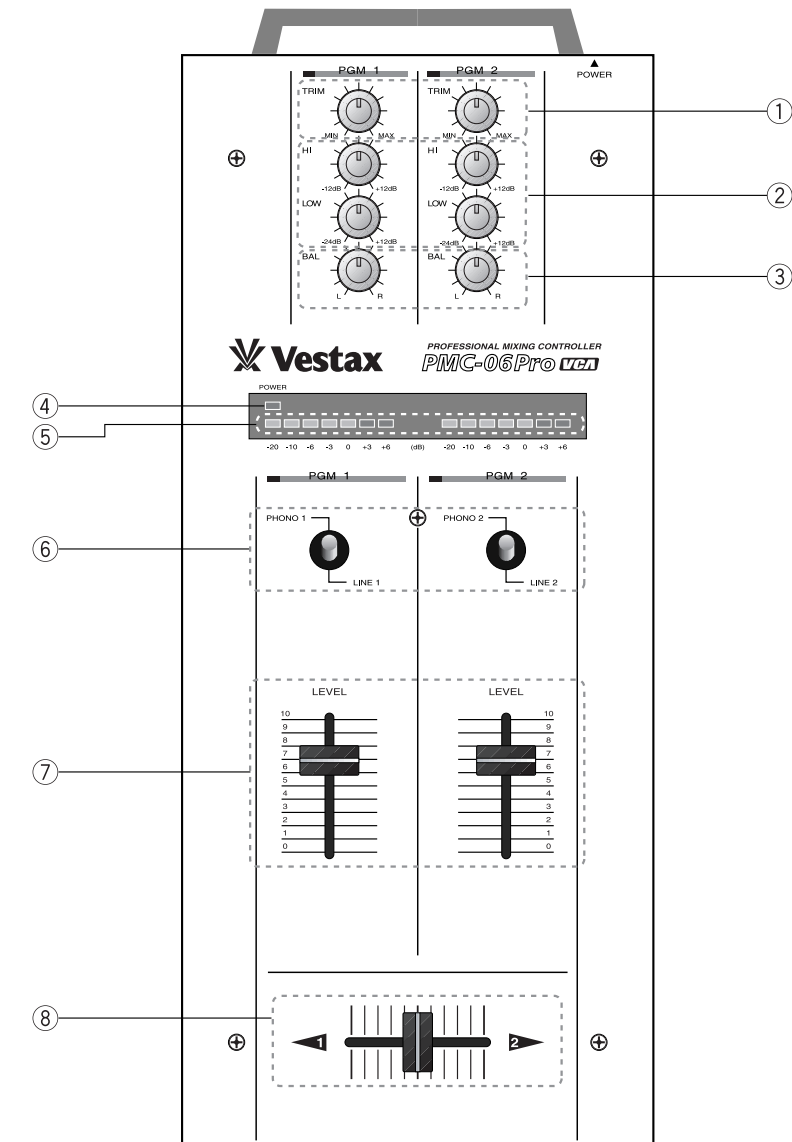
18.Carts and Stands-The appliance should be used only with a cart stand that is recommended by manufacturer.

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

- Screws and plate grooves around the cross fader that interfered scratching have been taken away thanks to the double panel structure.
- The input select switches mount angle can be changed to vertical, horizontal and 45 degrees.
- 2 band(HI,LOW) EQ on each input for fine sound adjustment.
- CF reverse switch reverses PGM1 and PGM2 instantly.
- The CF curve can be adjusted easily with the knob control on the front panel. The input fader curve can be selected from 3 types on the fader unit.
- The slim 16cm wide body brings turntables closer, allowing DJs to perform with high level techniques.



- TRIM(PGM1/PGM2)**  
This control knob adjusts the input volume of each PGM channel.  
Please set the TRIM volume to a point where the input level meter indicates 0dB when the input fader is set to MAX.
- PGM EQ(PGM1/PGM2)**  
This control knob adjusts HI and LOW frequencies of the sound from each PGM channel.

- PGM BALANCE(PGM1/PGM2)**  
This control knob adjusts the stereo balance level of each PGM channel.
- POWER INDICATOR**  
This LED lights red when power is on.  
Please check that the indicator is on before use.
- INPUT LEVEL METER**  
The input level meter indicates the input level of each PGM channel.

# ⑥ INPUT SELECT SWITCH

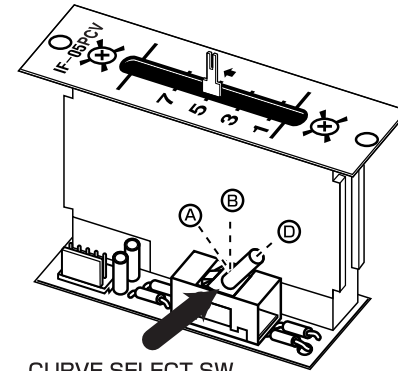
This switch is to select the input source (PHONO/LINE) on each PGM channel. The angle of the switch can be changed. For further instructions, please refer to HOW TO CHANGE THE DIRECTION OF THE SWITCH on page 9.

# ⑦ INPUT FADER (PGM1/PGM2)

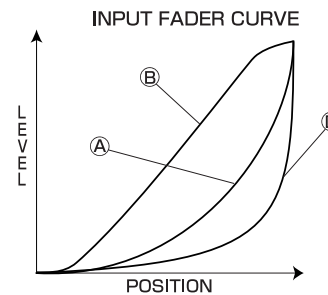
This fader adjusts the input level of each PGM channel. The fader curve can be selected out of 3 types with the switch located on the fader unit. The fader unit can be detached easily, please replace with a Vestax IF-05PCV. For further instructions please refer to HOW TO CHANGE THE FADER UNIT on page 8.

# ⑧ CROSSFADER

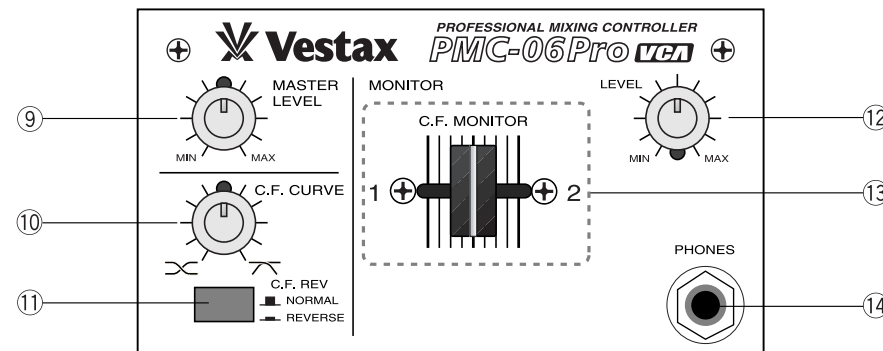
This fader is for mixing PGM1 and PGM2's input source. Regularly, PGM1 is set to the left end and PGM2 is set to the right end. Other points will play the mixed source. PGM1 and PGM2 will reverse when the CF reverse switch is on. The fader unit can be detached easily, please replace with a Vestax CF-PCV. For further instructions please refer to HOW TO CHANGE THE FADER UNIT on page 8.



CURVE SELECT SW



## FRONT PANEL SECTION



# ⑨ MASTER LEVEL

This control knob adjusts the master volume outputted from the mixer.

# ⑩ CF CURVE VOLUME

This control knob adjusts the CF curve.

(a) Suitable for long mixes  
The volume changes slowly while cross fading PGM1 and PGM2.

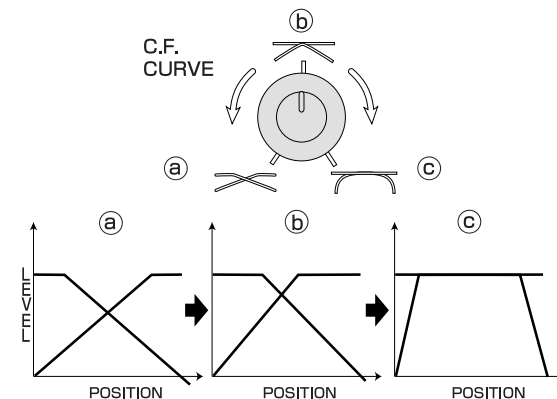
(b) Middle point of (a) and (c).

(c) Suitable for scratching.

The volume rises up rapidly.

# ⑪ CROSSFADER REVERSE SWITCH

This switch reverses the input source on each end of the crossfader.



# ⑫ MONITOR LEVEL

This control knob adjusts the volume of the headphone.

# ⑬ C.F. MONITOR FADER

This fader selects the monitoring PGM channel. PGM1 and PGM2 can be monitored together when the fader is set to center. PGM1 and PGM2 do not reverse when the reverse switch is on.

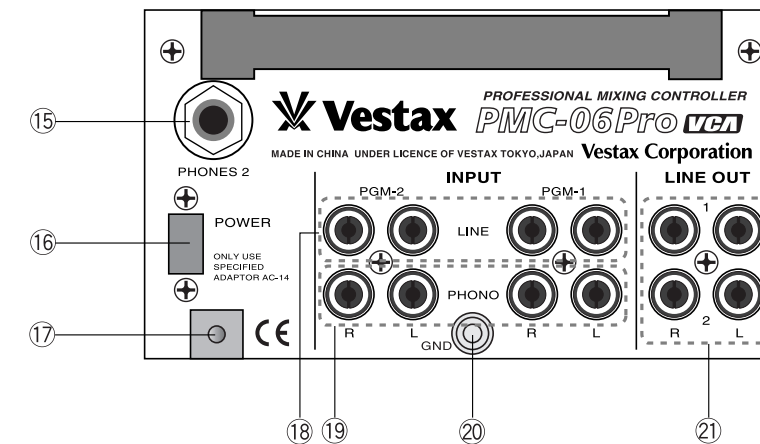
## Notes

Even if C.F.REVERSE switch is set to the "REVERSE" side, C.F.MONITOR volume is not REVERSE(ed).

# ⑭ PHONES (headphone) JACK

This is an input jack only for headphones.

## REAR PANEL SECTION



# ⑮ PHONES(headphone) JACK

This is an input jack only for headphones.

# ⑯ POWER SWITCH

Switches power ON and OFF. The power indicator lights up on the top panel when turned on.

## Notes

Please make sure to turn off the amplifier or to lower the volume to "0" when turning ON/OFF the mixer. If the power is turned ON/OFF without taking this procedure, it may cause damaging amplifiers and speakers.

# ⑰ POWER JACK

Connection for the power adaptor. Please use a Vestax AC-14.

# ⑱ LINE INPUT JACK

Input connection for CD, CD-R/RW, MD, TAPE, DAT, VTR and DVD. (LINE1 to PGM1, LINE2 to PGM2)

# ⑲ PHONO INPUT JACK

Input connection for Turntables. Please use turntables with MM cartridges. An additional head amplifier will be required when using MC cartridges.

# ⑳ GND TERMINAL

Connections for the ground cable to decrease hum noises.

# ㉑ LINE OUT JACK

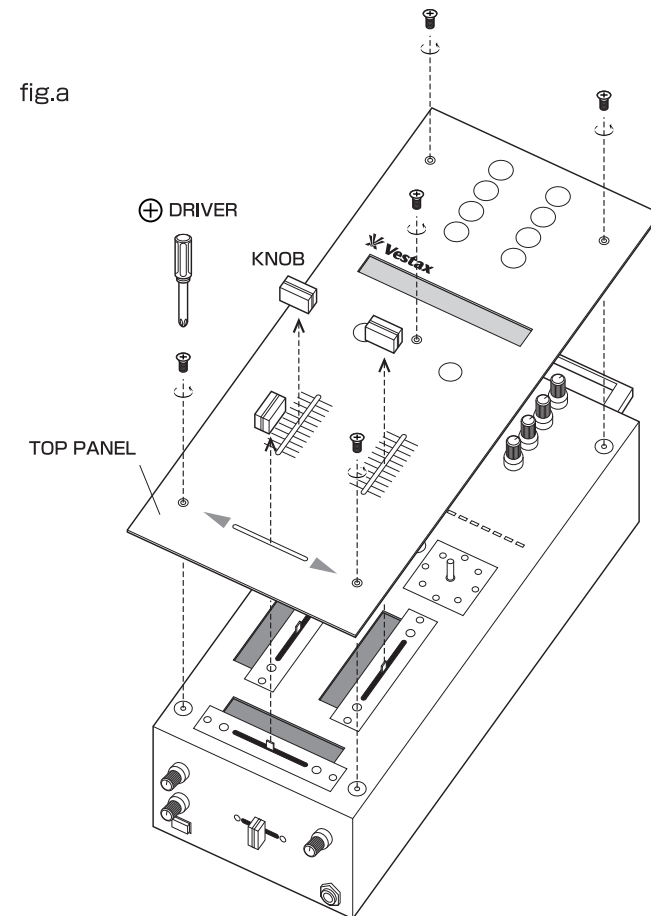
Master output connection. Please connect to LINE IN, AUX of the amplifier.



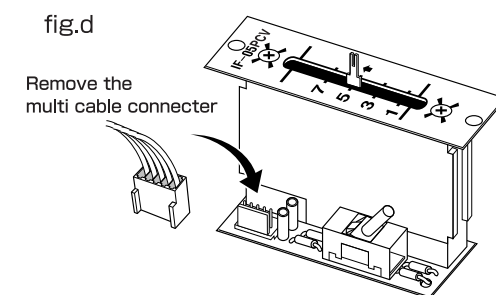
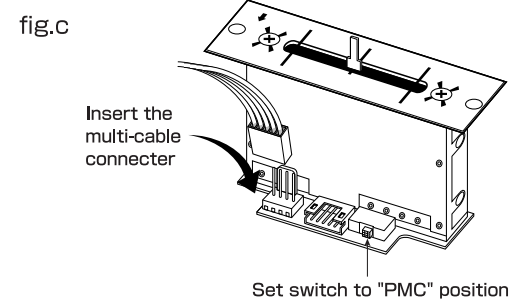
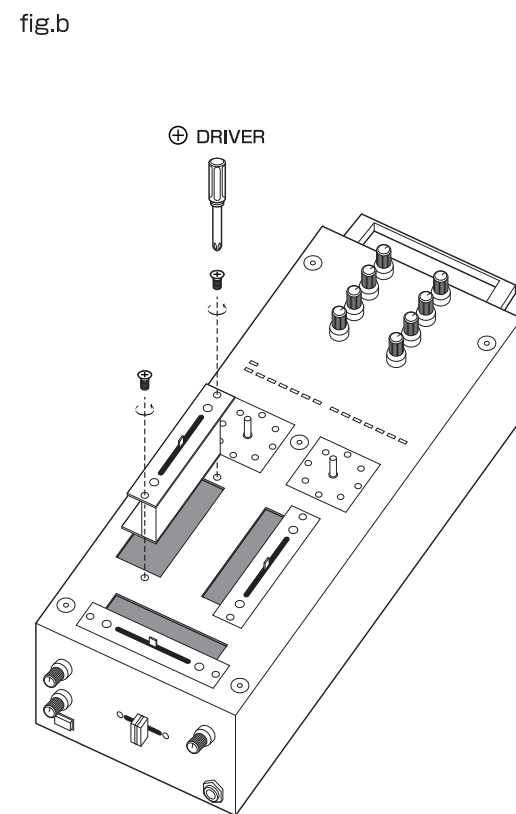
## HOW TO CHANGE THE FADER UNIT

### ■How to remove a top panel

- ① Please remove each fader knob(total 3 knobs) as shown in fig.a
- ② Unscrew the 5 screws on the top panel with a plus screw driver that matches the size.
- ③ Remove the top panel and unscrew the 2 screws on the fader unit.



- ④ Raise the fader unit and disconnect the connector from the fader unit.(DO NOT bend the pins on the connector)
- ⑤ Remove the fader knob of the new fader unit.
- ⑥ Connect the multi cable connector to the new fader unit.
- ⑦ Set the new fader unit carefully and screw it in the mixer.

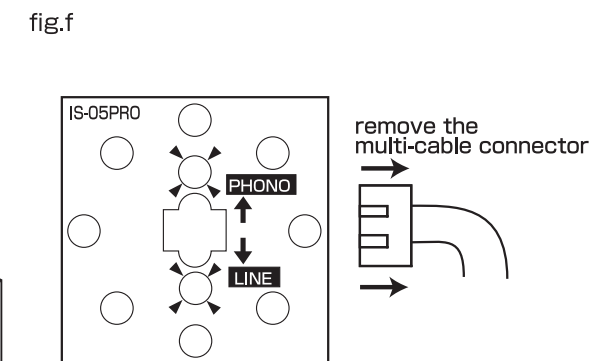
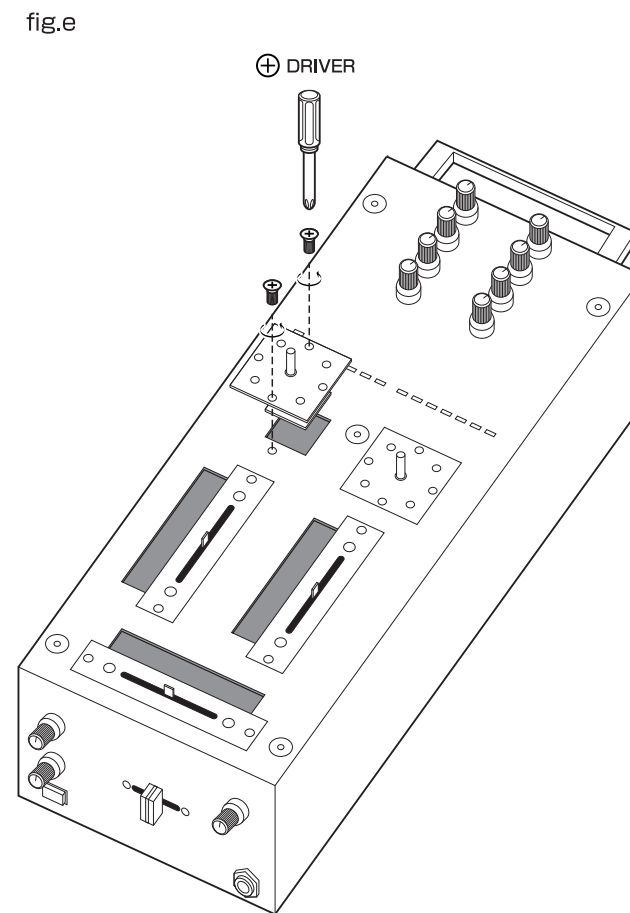


## HOW TO CHANGE THE INPUT SELECT SWITCH

- ① Remove the top panel as shown in HOW TO CHANGE THE FADER UNIT.
- ② Unscrew the 2 screws on the input switch unit and remove the unit from the mixer as shown in fig.e
- ③ Remove the multi cable connector from the switch unit as shown in fig.f
- ④ Connect the multi cable connector to the new switch unit.
- ⑤ Set the switch unit carefully and screw it in to the mixer.

## HOW TO CHANGE THE DIRECTION OF THE SWITCH

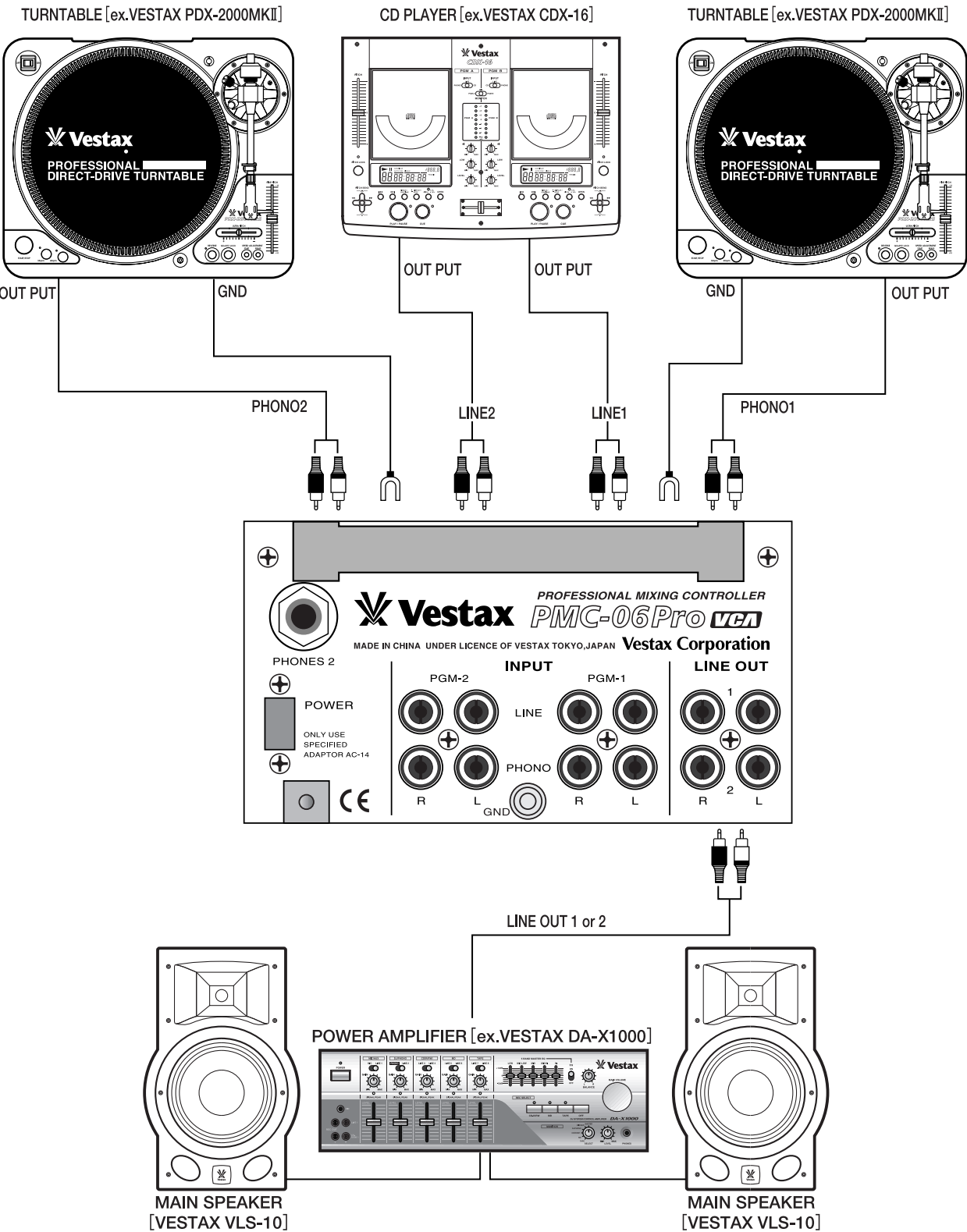
- ① Remove the top panel as shown in HOW TO CHANGE THE FADER UNIT.
- ② Unscrew the 2 screws on the input switch unit and remove the unit from the mixer as shown in fig.e
- ③ Change the direction(angle) and secure the screws.
- ④ Set the top panel and screw it to the mixer.



### Notes

Please TURN OFF the power when replacing faders and switches. It may short-circuit the mixer and cause noises.  
Please MATCH THE SIZE of the screwdriver to the screw. Using wrong sizes may cause damage to the screw.

CONNECTION



SPECIFICATION

		NOMINAL INPUT LEVEL	IMPEDANCE
INPUT	LINE	-10dBv	10kΩ
	PHONO	-42dBv	40Ω
		NOMINAL OUTPUT LEVEL	IMPEDANCE
OUTPUT	LINE	-10dBv	2kΩ
	PHONES	58mW max(47Ω load)	≥8Ω
EQUALIZER	HI	10KHz(±12dB),SHELVING TYPE	
	LOW	60Hz(+12/-24dB),PEAKING TYPE	
FREQUENCY RESPONSE		25Hz~25kHz,±1dB	
S/N RATIO	LINE	≥75dB	
CROSS TALK	CROSS FADER	≥100dB	
THD		≤0.01%	
POWER SUPPLY		AC-14V ADAPTOR	
POWER		12W	
DIMENSIONS(W×H×D)		160×105×382mm	
WEIGHT		2.5kg	