



Professional Mixing Controller

PMC-005A MK II

OWNER'S MANUAL

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CONGRATULATIONS!

Thank you for purchasing the VESTAX PMC-005Amk II, Professional Mixing Controller. Please read this owner's manual carefully before you start to use your mixer, so that you will fully understand all of the special features and enjoy the full use of the product.

FEATURES

The PMC-005Amk II is a fine quality, entry-level mixer ideal for home recording and mobile mixing applications. It is one of the first mixers in its class to feature inputs for two phono and four stereo line sources and two mics. In addition to a user replaceable crossfader and individual trim controls for each input channel, the PMC-005Amk II also offers a transformer effects switch. Add stereo headphone monitoring, dual stereo outputs and low-cut mic filter for the best combination of price, performance and features available in this mixer class.

IMPORTANT

To prevent electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified personnel. Always disconnect all equipment from the main supply when disconnecting/reconnecting signal leads. The power cord should be connected last. Make sure that the power switch is off when connecting. Disconnect from AC supply when equipment is not used for extended time.

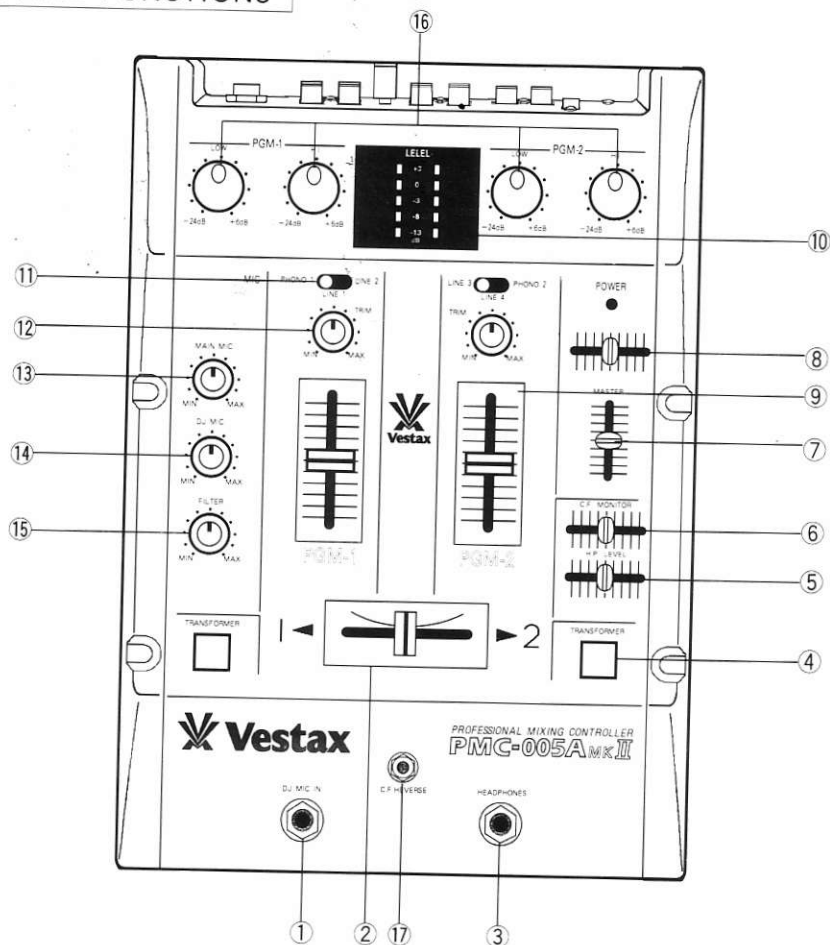
WARRANTY

Warranty might vary from country to country. Each distributor has their own warranty system in accordance with country or state regulations or laws. VESTAX observes the manufacturing country's regulations.

PRECAUTIONS

- * Humidity and dust
Avoid use where there is high humidity and dust which may cause damage to internal parts.
- * Temperature
Avoid use in hot, (over 35°C) and cold, (below 5°C) locations. Keep the unit away from extreme direct heat such as direct sunlight, heating radiators, or closed vehicles.
- * Power cord handling
Connecting the power cord to other cords or joining cords together can cause fire and electric shock. This is extremely dangerous. Take precaution when handling AC plugs and connectors. Handle only the plug or connector and do not perform these operations with wet hands.
- * Keep away from liquids
Do not stand vessel containing liquids on or near the equipment. If liquid enters equipment, disconnect the power cord from the power outlet immediately.

CONTROL AND FUNCTIONS



TOP/FRONT PANEL

① DJ MIC IN

Input connector, DJ MIC (¼" JACK)

② CROSS FADER

When the input levels of PGM 1 and PGM 2 are properly set, PGM 1 will be heard with the crossfader set to the left side and PGM 2 will be heard with the crossfader set to the right side. When the crossfader is set in the center, both programmes will be heard.

NOTE: When replacing the crossfader, make sure it is facing the right direction.

③ HEADPHONES (Headphone Jack)

Use this jack to connect the headphones. Headphones from 8 ohm to 600 ohm can be used. 150 ohm is recommended.

④ TRANSFORMER SWITCH

With the crossfader moved to either right or left, the opposite programme can be heard instantly by pressing opposite transformer button.

⑤ HP-LEVEL (Headphone Volume)

Adjust the monitor level through headphones. CUE monitor signal appears in stereo through headphone jack.

⑥ C. F. MONITOR (Cross Fade Monitor)

When the monitor levels of PGM 1 and PGM 2 are properly set, PGM 1 will be monitored in the headphone with the fader set to the left side and PGM 2 will be monitored in the headphone with the fader set to the right side. When the fader is set in the center, both programmes will be monitored in the headphone.

⑦ MASTER LEVEL

Adjust the signal level output from the OUTPUT and REC OUT jacks on the rear panel.

⑧ MASTER BALANCE

Determine balance of left and right channel from the OUTPUT and REC OUT jacks.

⑨ LEVEL (Channel Level Fader)

Used to adjust input level of each PGM channel. Usually set at 7-8.

⑩ OUTPUT LEVEL METER

The bar graph level meters indicate the peak L & R output.

⑪ INPUT SELECT SWITCH

Used to select the input to be sent to each PGM channel. It allows for selection of one of the three inputs connected to the rear panel. Selections are as follows:

- PGM 1 - phono 1, line 1, line 2
- PGM 2 - phono 2, line 3, line 4

All phono inputs are RIAA equalized. Connect the output of a CD player or tape deck to the line inputs.

NOTE: Levels are set for MM type pickup cartridge. When MC type pickup cartridge is used, a pre-amp is required.

⑫ TRIM

Adjust input level of each PGM channel. Set input fader and master fader at 7-8 position. Adjust TRIM so that LED meter flashes occasionally at 5dB.

⑬ MAIN MIC (Main Mic Input Fader)

Adjust the input level of the Main Mic connected to the Main Mic jack on the rear panel.

⑭ DJ MIC (DJ Mic Input Fader)

This knob is used to adjust the input level of the DJ mic connected to the DJ MIC IN jack on the front panel.

⑮ FILTER

Adjust the low frequency cut off of the main mic and DJ mic. To prevent distortion of mics when talking close, or when external EQ is applied to the music of the PGM channels.

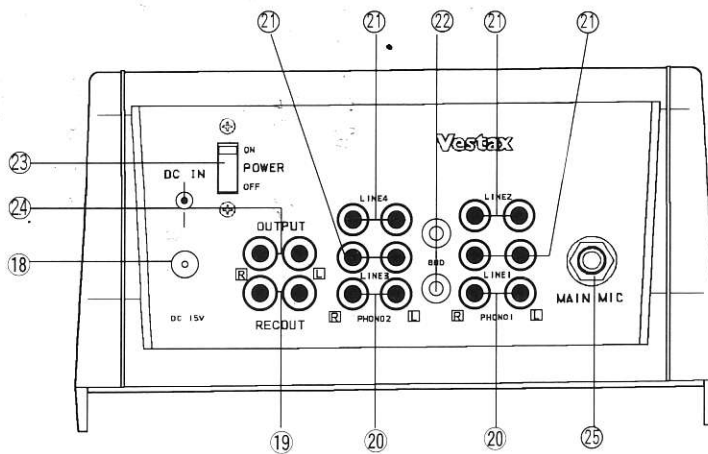
⑯ EQUALIZER VOLUME (HI, LOW)

Adjust the HI and LOW frequencies for each PGM channel.

⑰ CROSS FADER REVERSE SWITCH

Usually, as cross fader is moved the left, PGM 1 sounds are outputted. But as this switch is turned on, output sounds are changed PGM 2 sounds for PGM 1 sounds in a moment.

So as a crossfader is moved the left, PGM 2 sounds is outputted.



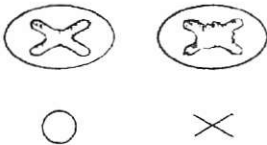
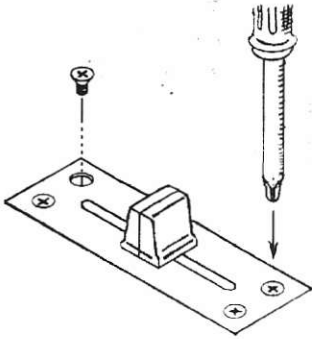
REAR PANEL

- ⑱ DC IN
Connect DC-15A AC Adaptor. (15V DC, 500mA required)
- ⑲ REC OUT L/R (RCA Jack)
Unbalanced output jack for connection to the input of a tape deck.
- ⑳ PHONO INPUT L/R (Phono 1, 2)(RCA Jack)
Input jack for each PGM turntable. Connect turntables equipped with MM pickup cartridge only.
- ㉑ LINE INPUT L/R (Line 1-4)(RCA Jack)
Input connectors for each PGM line level equipment such as CD players, tape decks and VTR's
- ㉒ GND (Ground Terminal)
Connect this terminal to ground terminal of the turntable. This helps to reduce noise.
- ㉓ POWER SWITCH
Used to turn ON-OFF DC-15A Power to Mixer. (Disconnect DC-15A adaptor from rear panel when not in use.)
- ㉔ OUTPUT L/R (RCA Jack)
Unbalanced output jack for connection to the input of a power amplifier.
- ㉕ MAIN MIC INPUT
Input connector, MAIN MIC (1/4" JACK)

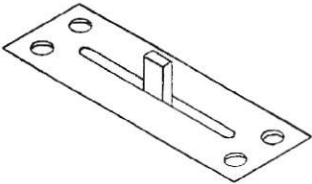


REMOVAL PROCEDURE OF FADERS FROM PMC-005Amk II

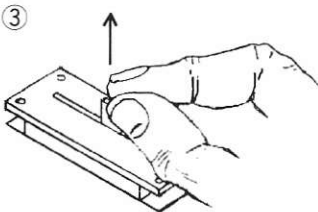
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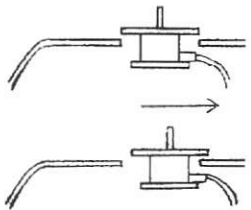
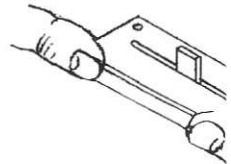


The crossfader and input faders of your PMC-005A Mixer are designed for long life and smooth operation, however when replacement is required, please follow the procedure below:

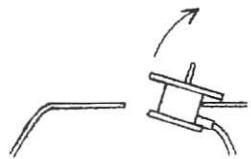
CROSSFADER REPLACEMENT :

1. Remove four(4) screws with Phillips type screwdriver(See diagram) #1.
Caution - Insure tip size matches screw head. Keep screwdriver upright and turn slowly. Do not use excessive force or damage the screw head.
2. Remove knob. Pull up vertically. (See diagram #2, #3).
3. Lift crossfader by the lever until interference is felt, approx. 1/8" (2-3cm). (See diagram #4)
4. Push the crossfader towards the back of the mixer while lifting the front edge of the fader out of the mixer 'See diagram #5).
5. Pull the crossfader towards you, when the bottom edge of the fader is clear of the chassis (See diagram #6).
6. Hold the fader in one hand while removing the white cable connector with the other hand. Never pull on the cable assembly directly.
7. For replacement procedure note that the white connector must face the back of the mixer. Reverse the procedure above to re-install the new fader. DO NOT overtighten the mounting screws.

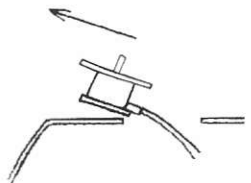
④



⑤



⑥



INPUT FADER REPLACEMENT :

Follow the same instructions as for the crossfader except that the input fader must be pushed towards the left side of the mixer (step 4) while lifting the right edge of the fader. Then pull the fader towards the right side of the mixer when the fader clears the chassis.

For replacement of your faders, see your dealer for the following parts:

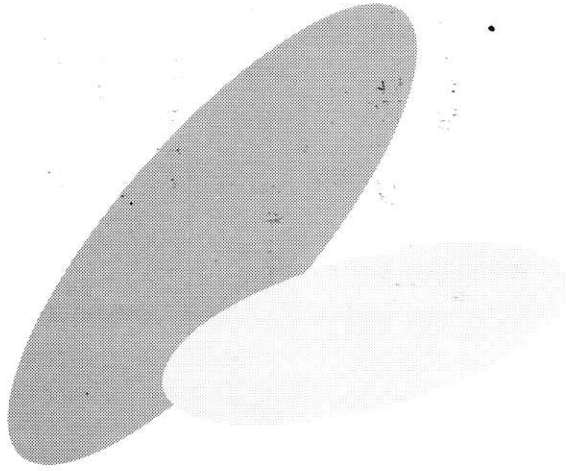
Crossfader P/N - CF-
Input fader P/N - IF-

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SPECIFICATIONS

Nominal Input Level/Impedance	
MIC (DJ, MAIN)	-72dBV/3.3 K Ω
LINE L/R	-16dBV/50 K Ω
PHONO L/R	-58dBV/47 K Ω
Nominal Output Level/Impedance	
OUTPUT L/R	< 0dBV/10 K Ω
REC OUT L/R	< -10dBV/10 K Ω
HEADPHONES	MAX 140mV/22 Ω
Frequency Response	
LINE~OUTPUT	20Hz~70KHz +0/-1dB
PHONO RIAA	\pm 1dB
Dimensions(W×H×Dmm)	230×132×277



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