



CROSS FADER UNIT for R-1 Premium

MCR-1

OWNER'S MANUAL

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CONGRATULATIONS!

Thank you for purchasing the Vestax MCR-1 CROSS FADER UNIT.
Please read this owner's manual carefully before you start to use your
MCR-1 in order to fully understand all of the special features.

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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 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.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH BLADE OF
PLUG TO WIDE SLOT, FULLY INSERT

ATTENTION : POUR EVITER LES CHOCS ELECTRIQUES,
INTRODUIRE LA LAME LA PLUS LARGE DE LA
FICHE DANS LA BORNE CORRESPONDANTE DE LA
PRISE ET POUSSER JUSQU' AU FOND

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**-Unplug this product from the wall outlet before 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 wet basement, or near a swimming pool, and the like.
8. **Accessories**-Do not place this product on an unstable surface. The product may fall, causing serious injury to child or adult, and serious damage to the appliance. Use only with a surface, 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 manufacturer.
9. **Ventilation**-Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The unit should never be placed on an uneven surface (eg. bed) during operation. 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. **Grounding or Polarization**-This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If this should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
12. **Power-Cord Protection**-Power supply cords should be routed so that they are not likely to be walked on or squashed by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
13. **Protective Attachment Plug**-The appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the original plug.
14. **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.
15. **Overloading**-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
16. **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.
17. **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.
18. **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 damage.
 - 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 does 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.
 - 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.

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

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

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

22. 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.

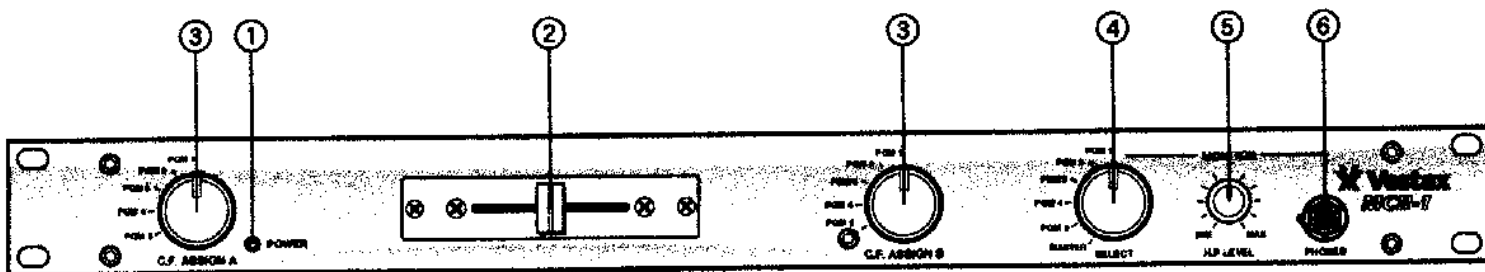


FEATURES

- This product "MCR-1" is a Cross Fader Unit for the Vestax Professional Mixing Controller "R-1 Premium", which is the highest quality audio mixer in the Vestax range.
- All the components used in the "MCR-1" are super high audio quality components so it is possible to add this unit without reducing the "R-1 Premium" sound quality.
- The "MCR-1" includes a new, original, superior grade PCV crossfader developed exclusively by the Vestax engineering team.

FUNCTIONS

FRONT PANEL



① POWER INDICATOR

② CROSS FADER

Mixes the signals assigned by C.F.ASSIGN(3) to left side of the crossfader and right side. When the crossfader is in the center position, both left and right signals can be heard. This is a detachable fader for ease of replacement with the Vestax "CF-MCR".

③ C.F.ASSIGN (A/B) SWITCH

Used to assign the signal from each of the PGM channels to either side of the crossfader.

④ SELECT (Monitor Select Switch)

Used to select the cue signal to be monitored by headphone from PGM channels 1-5 or MASTER.

⑤ H.P. LEVEL (Monitor Level)

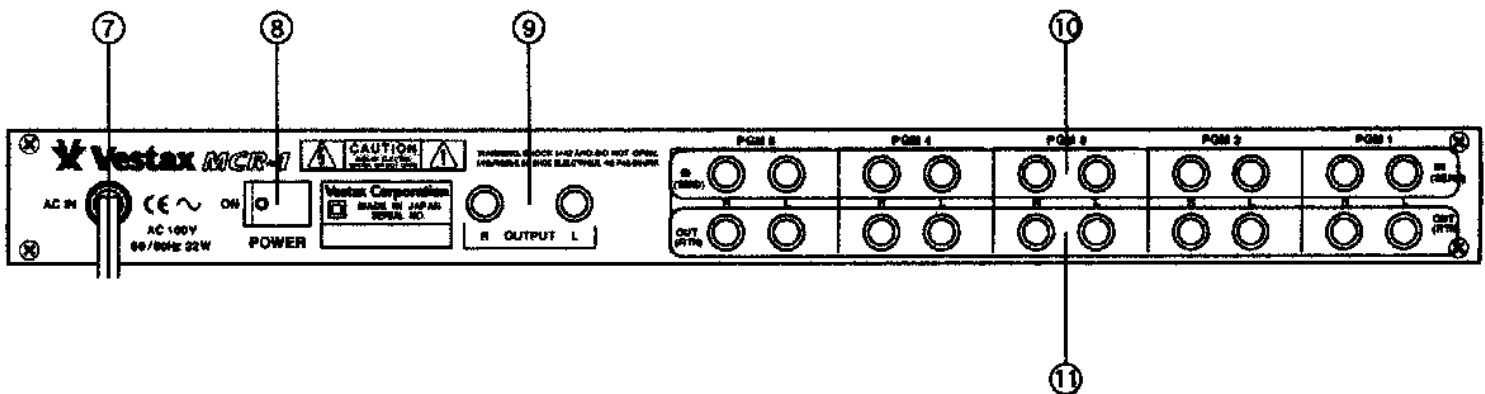
Controls volume level of the headphones.

⑥ PHONES (Headphone Jack)

Used to connect the headphones with impedance from 8~150 ohm.

※ When connecting this product with "R-1 Premium" use the Headphone Jack on "MCR-1" because the output signal of "R-1 Premium" Headphone Jack is canceled.

REAR PANEL



⑦ AC IN (AC POWER CORD)

Connects the plug to AC outlet on the wall.

⑧ POWER (Power Switch)

Note : As a general rule for protection, the amp should be turned on last and turned off first.

⑨ OUTPUT (1/4" unbalanced)

Unbalanced Line Output.

⑩ IN(SEND) (1/4" unbalanced)

Connect to the RTN jack of R-1 Premium.

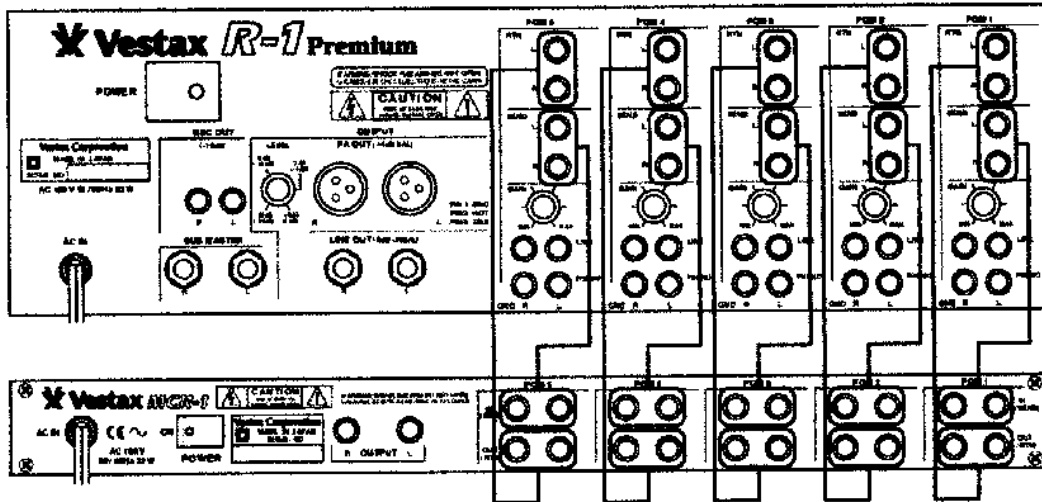
⑪ OUT(RTN) (1/4" unbalanced)

Connect to the SEND jack of R-1 Premium.

CONNECTION DIAGRAM

METHOD OF CONNECTION WITH R-1 PREMIUM

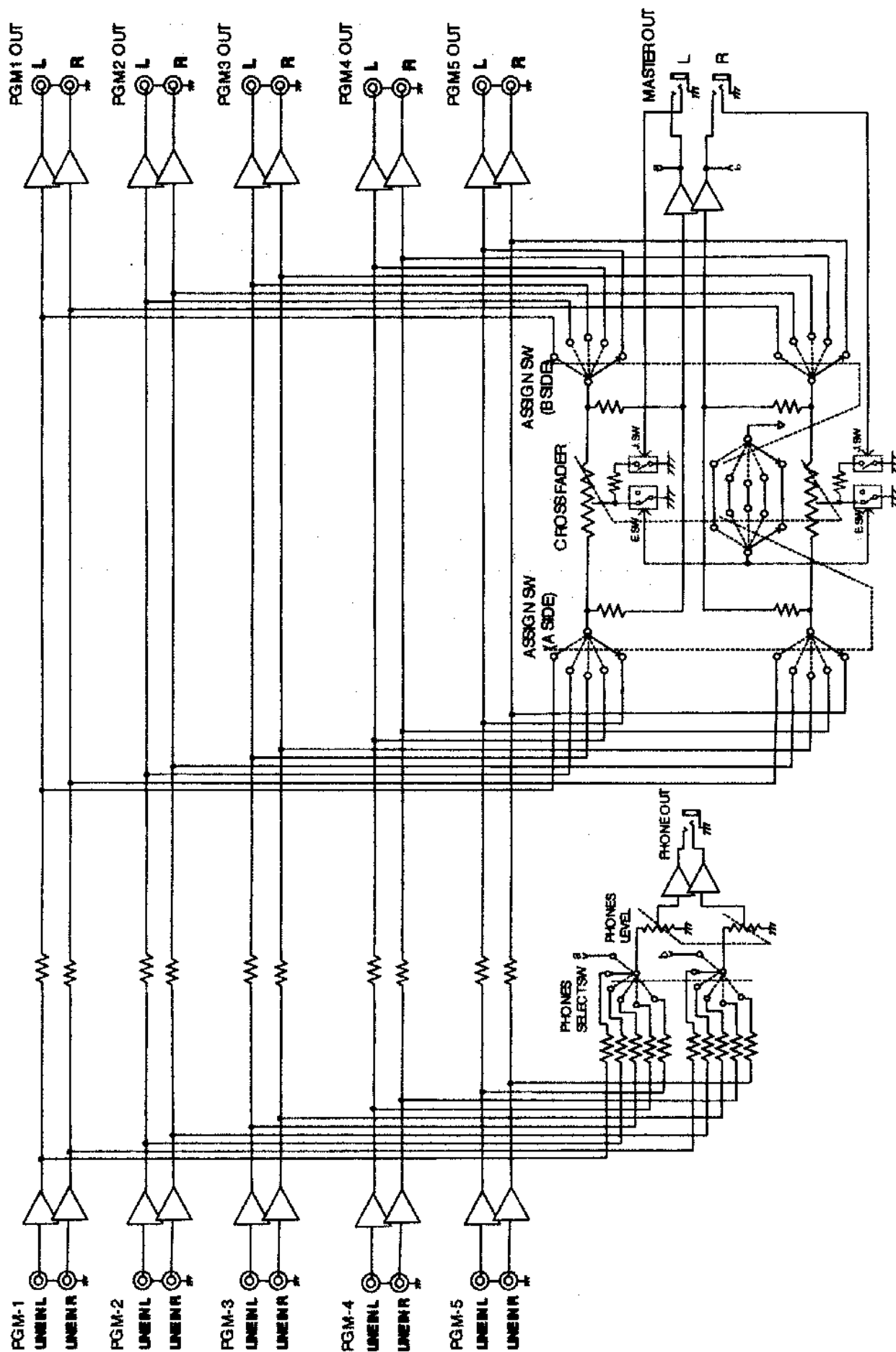
Connect each PGM SEND JACK of R-1 Premium to each IN(SEND) JACK of MCR-1, and each PGM RTN JACK of R-1 Premium to each OUT(RTN) JACK of MCR-1.



WARRANTY

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

BLOCK DIAGRAM



SPECIFICATIONS

Type	R-1 Premium CROSS FADER UNIT	
Nominal input level	-10 dB	[LINE IN (CH1~CH5)]
Maximum input level	$\geq +7.5$ dB	[LINE IN (CH1~CH5)]
Input impedance	47 k Ω	[LINE IN (CH1~CH5)]
Nominal output level	-10 dBv	[MASETR OUT (unbalance)]
	-10 dBv	[CH OUT (unbalance)]
	25.7 mW	[PHONES OUTPUT (47 Ω load/VR "7" position)]
Maximum output level	+22 dBv	[MASETR OUT (unbalance)]
	+22 dBv	[CH OUT (unbalance)]
	166.6 mW	[PHONES OUTPUT (47 Ω load/VR "MAX" position)]
Output impedance	220 Ω	[MASETR OUT (unbalance)]
	220 Ω	[CH OUT (unbalance)]
	47 Ω	[PHONES OUTPUT]
Load impedance	≥ 10 k	[MASETR OUT (unbalance)]
	≥ 10 k	[CH OUT (unbalance)]
	8 Ω	[PHONES OUTPUT]
Frequency response	20 Hz ~ 20 kHz	[MASETR OUT/CH OUT]
	0 ~ -1 dB	
S/N	≥ -75 dBv	[MASETR OUT/CH OUT]
Power	AC120 V / AC230 V	
Dimensions	482(W) × 44(H) × 248(D) mm	
	1U, 19inch rack type	
Weight	3.0 kg	