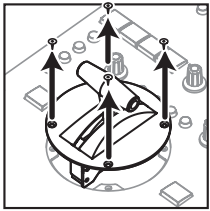


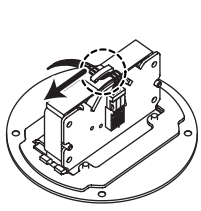
Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES". These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, Owner's Manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

Installing the Cross Fader

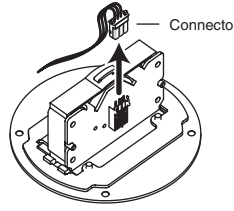
- Switch off the power to the V-4.
- Using a Phillips screwdriver, remove the screws at the four corners of the video fader (Fig. 1).
- Turn the video fader upside-down and detach the cable connecting the V-4 to the video fader. The cable is held in place by a hook on the video fader. Detach the cable from the hook (Fig. 2), then disconnect the connector on the video fader (Fig. 2).
 - When reinstalling the video fader, orient the connector as shown in the figure and insert it. After attaching the connector, secure the cable in place on the hook.
 - Portions of the connector for the video fader are sharp. When unplugging or inserting the connector, be careful not to get your hands cut.
- Orient the connector as shown in the figure and insert it into the cross fader (Fig. 4).
 - Never use excessive force to insert the connector. If it won't go in properly, pull it out and try again.
- Attach the cross fader using the screws you removed in step 2 (Fig. 5).
 - Orient the cross fader by aligning the triangle printed on the cross fader with the triangle printed on the V-4 (Fig. 6).
 - After you have completed the installation procedure, check again to make sure the device is installed correctly.
 - When the installation is finished, carry out the procedure described in "Adjusting the V-4" below.
 - Overtightening the screws may damage the unit's case. Roland assumes no responsibility for any accident or product damage arising from installation operations.
 - No Phillips screwdriver is included with this product.



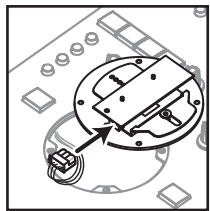
(Fig.1)



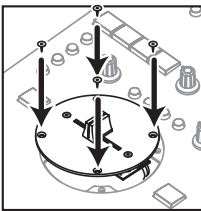
(Fig.2)



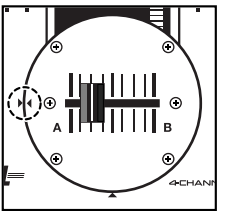
(Fig.3)



(Fig.4)



(Fig.5)



(Fig.6)

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

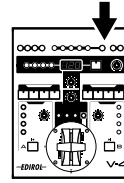
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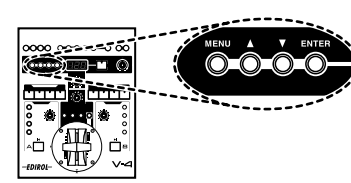
Adjusting the V-4

The V-4 requires adjustment whenever the cross fader is replaced or the stroke is adjusted.

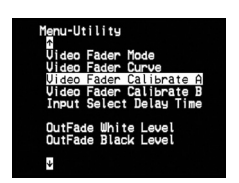
- Connect the PREVIEW OUT jack on the V-4 to a television monitor (Fig. 1).
- Turn on the power to the V-4. A light comes on in the gap with the cross fader.
- Press the MENU button. The Menu screen appears on the television monitor (Figs. 2).
 - As you carry out the operation described below, view the television monitor connected to the PREVIEW OUT jack.
- Press the [▲] or [▼] button to move the cursor to "Utility," then press the ENTER button.
- Press the [▲] or [▼] button to select "Video Fader Calibrate A," then press the ENTER button.
 - Move the control for the cross fader all the way to A, then press the ENTER button.
- Press the [▲] or [▼] button to select "Video Fader Calibrate B," then press the ENTER button.
 - Move the control for the cross fader all the way to B, then press the ENTER button.
- Press the MENU button twice to quit the Menu screen.



(Fig. 1) PREVIEW OUT jack



(Fig. 2) MENU button, [▲] and [▼] buttons, and ENTER button



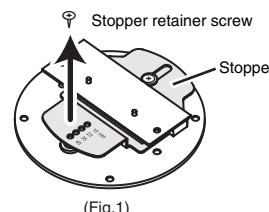
(Fig. 3) Video Fader Calibrate

Adjusting the Stroke

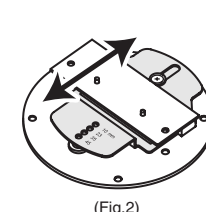
You can adjust the cross fader to a stroke at any of four stages (10 mm, 23 mm, 35 mm, and 45 mm).

* If the cross fader is installed on the V-4 unit, detach it before you carry out the operation described below.

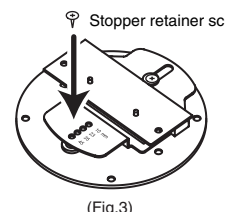
- Move the control for the cross fader to its central position.
- Using a Phillips screwdriver, remove the stopper retainer screw (Fig. 1). Move the stopper to any one of the four holes that you prefer (Fig. 2). The four stopper holes are stamped "10," "23," "35," and "45." These indicate the stroke obtained when screwed to the respective hole. Use these stamped indicators as a guide for positioning the stopper.
- Secure the stopper in place using the stopper retainer screw you removed in step 2 (Fig. 3).
 - Overtightening the screw may damage the cross fader. Roland assumes no responsibility for any accident or product damage arising from installation operations.
 - No Phillips screwdriver is included with this product.
 - Never remove any screw other than the one specified.



(Fig.1)



(Fig.2)



(Fig.3)

USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About ⚠ WARNING and ⚠ CAUTION Notices

⚠ WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠ CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

	The ⚠ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The ⊘ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The ● symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING

- ⚠ WARNING**
 - Before using this unit, make sure to read the instructions below, and the Owner's Manual.
 - Do not open or perform any internal modifications on the unit.
 - Do not open or perform any internal modifications on the cross fader unit.
 - Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.
 - Protect the unit from strong impact. (Do not drop it!)
 - Before installing the cross fader unit, you must first always turn off the V-4 and unplug its power cord.
- ⚠ CAUTION**
 - Never climb on top of, nor place heavy objects on the unit.
 - Should you remove screw, keep them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.
- Never use or store the unit in places that are:
 - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
 - Damp (e.g., baths, washrooms, on wet floors); or are
 - Humid; or are
 - Exposed to rain; or are
 - Dusty; or are
 - Subject to high levels of vibration.
- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.
- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.
- If the unit could become a hazard if it moves, all caster wheels should be removed once the unit has been placed at the place of installation, or has been loaded onto a vehicle.

IMPORTANT NOTES.....

- In addition to the items listed under "USING THE UNIT SAFELY", please read and observe the following:
 - Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Excessive heat can deform or discolor the unit.
 - When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
 - For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
 - Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.
 - The subsequent performance of the unit cannot be assured after the user has subjected the cross fader to any form of disassembly or modification.
 - Use a reasonable amount of care when using the unit's sliders and other controls. Rough handling can lead to malfunctions.
 - When connecting or disconnecting any cable, grasp the connector itself—never pull on the cable. That way, you will avoid causing shorts or damage to the cable's internal elements.
 - Dispose of the packing carton and padding for this device in accordance with your local standards for sorting refuse.
 - The cross fader is a consumable item. Replacement is possible only in the event of initial failure due to a manufacturing defect.
 - Exercise caution to prevent injury to the hands around the openings through which installations are performed, and on the edges of circuit boards.

Information

When you need repair service, call your nearest EDIROL/Roland Service Center or authorized EDIROL/Roland distributor in your country as shown below.

EDIROL

EUROPE
EDIROL (Europe) Ltd.
Studio 3.4 114 Power Road
London W4 3PY
U. K.
TEL: +44 (0)20 8747 5949
FAX: +44 (0)20 8747 5948
http://www.edirol.com/europe

Deutschland
TEL: (0700) 33 47 65 20
France
TEL: 0810 000 371
Italia
TEL: 02 93778329

U. S. A. / CANADA
EDIROL Corporation
North America
425 Sequoia Drive, Suite 114
Bellingham, WA 98226
U. S. A.
TEL: (360) 594-4273
FAX: (360) 594-4271
http://www.edirol.com/

Roland

ASIA

TAIWAN
ROLAND TAIWAN
ENTERPRISE CO., LTD.
Room 5, 9th, No. 112 Chung Shan
N. Road Sec. 2, Taipei, TAIWAN,
R.O.C.
TEL: (02) 2561 3339

CHINA
Roland Shanghai Electronics Co., Ltd.
5F, No. 1500 Pingliang Road
Shanghai 200090, CHINA
TEL: (021) 5580-0800

BEIJING OFFICE
10F, No. 18 Anhuaxili
Chaoyang District, Beijing 100011
CHINA
TEL: (010) 6426-5050

GUANGZHOU OFFICE
2/F, No. 30 Si You Nan Er Jie Yi
Xiang, Wu Yang Xin Cheng,
Guangzhou 510600, CHINA
TEL: (020) 8736-0428

AUSTRALIA
Roland Corporation
Australia Pty., Ltd.
38 Campbell Avenue
Dee Why West, NSW 2099
AUSTRALIA
TEL: (02) 9982 8266

CENTRAL/LATIN AMERICA

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Roland Brasil Ltda
Rua San Jose, 780 Sala B
Parque Industrial San Jose
Cotia - Sao Paulo - SP, BRAZIL
TEL: (011) 4615 5666

OTHERS incl. MEXICO
Roland Audio Development
Corp.
14830 Desman Rd.
La Mirada, CA 90638
U.S.A.
Tel: 1-714-521-8000
email: sales@rolandaudio.com

EUROPE

AUSTRIA
Roland Elektronische
Musikinstrumente HmbH.
Austrian Office
Eduard-Bodern-Gasse 8,
A-6020 Innsbruck, AUSTRIA
TEL: (0512) 26 44 260

BELGIUM/FRANCE/ HOLLAND/ LUXEMBOURG
Roland Central Europe N.V.
Houtstraat 3, B-2260, Oevel
(Westerlo) BELGIUM
TEL: (014) 575811

CZECH REP.
K-AUDIO
Kardasovska 626,
CZ-198 00 Praha 9,
CZECH REP.
TEL: (2) 666 10529

DENMARK
Roland Scandinavia A/S
Nordhavnsvej 7, Postbox 880,
DK-2100 Copenhagen
DENMARK
TEL: 3916 6200

FINLAND
Roland Scandinavia As,
Filial Finland
Elannontie 5
FIN-01510 Vantaa, FINLAND
TEL: (09) 68 24 020

GERMANY
Roland Elektronische
Musikinstrumente HmbH.
Oststrasse 96, 22844 Norderstedt,
GERMANY
TEL: (040) 52 60090

GREECE
STOLLAS S.A.
Music Sound Light
155, New National Road
Patras 26442, GREECE
TEL: 2610 435400

HUNGARY
Roland East Europe Ltd.
Warehouse Area "DEPO" Pk.83
H-2046 Torokbalint, HUNGARY
TEL: (23) 511011

IRELAND
Roland Ireland
G2 Calmount Park, Calmount
Avenue, Dublin 12
Republic of IRELAND
TEL: (01) 4294444

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Viale delle Industrie 8,
20020 Arese, Milano, ITALY
TEL: (02) 937-78300

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Kontor Norge
Lillokerveien 2 Postboks 95
Lilloaker N-0216 Oslo
NORWAY
TEL: 2223 0074

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Ul. Gibraltarska 4,
PL-03664 Warszawa POLAND
TEL: (022) 679 44 19

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Portugal Office
Cais das Pedras, 8/9-1 Dto
4050-065, Porto, PORTUGAL
TEL: 22 608 00 60

ROMANIA
FBS LINES
Pata Libertatii 1,
33550 Cheorgheni, ROMANIA
TEL: (266) 364 609

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3-Bogatyrskaya Str. 1.k.1
107 564 Moscow, RUSSIA
TEL: (095) 169 5043

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Paseo Garcia Faria, 33-35
08005 Barcelona SPAIN
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SWEDISH SALES OFFICE
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Landstrasse 5, Postfach,
CH-4452 Itingen,
SWITZERLAND
TEL: (061) 927-8383

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Mira Str. 19/108
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295400 Munkachevo, UKRAINE
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Roland (U.K.) Ltd.
Atlantic Close, Swansea
Enterprise Park, SWANSEA
SA7 9JF,
UNITED KINGDOM
TEL: (01792) 702701

As of August 20, 2004 (EDIROL-2)