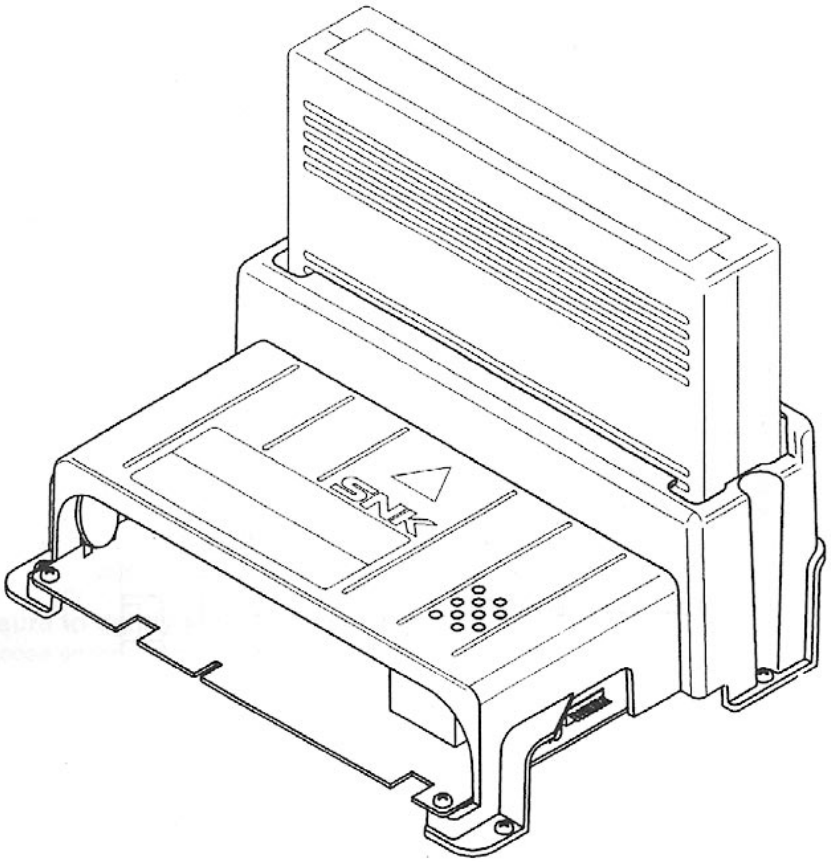
SNK

MV-1C

NEO GEO 1-SLOT HARDWARE KIT

USER'S MANUAL



WARNING

- Be sure to read this user's manual before use.
- Keep this manual nearby when operating this cabinet.

INTRODUCTION

The MV-1C 1-slot PCB can be used with cabinets meeting JAMMA specifications. This user's manual contains information on operating the MV-1C. Before use, please carefully read through the manual for proper usage methods.

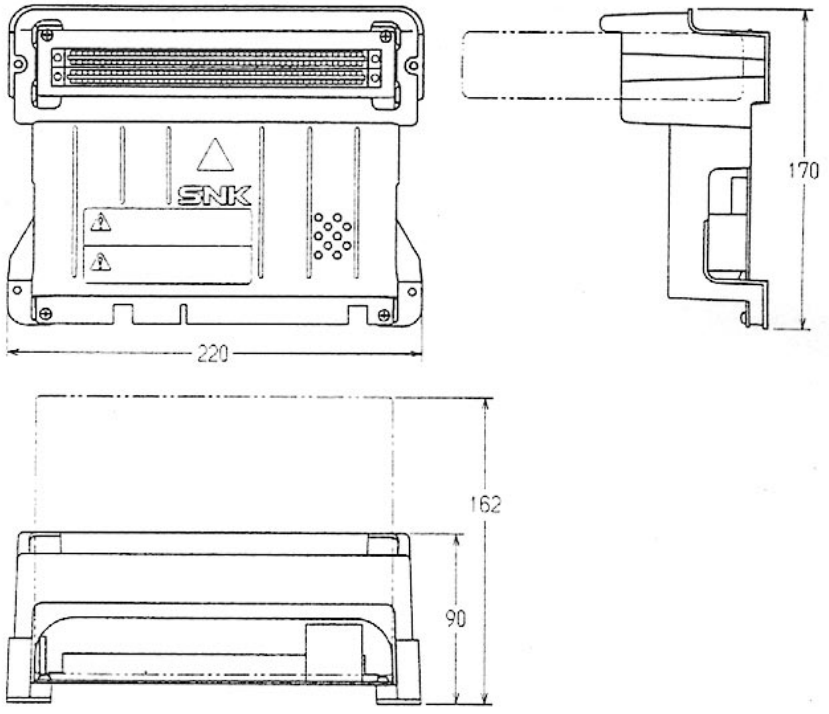
Index

Introduction/Specifications 1
Precautions for safe operation 2
Parts names 4
Installing software cartridges 5
Using the setting modes 6
Main harness 12
Replacement of fuse 13
Wiring diagram 14

■ Specifications

MV-1C

Power source:	DC +5V 3A or more/DC +12V 1A or more
Dimensions:	220mm (W) × 170mm (D) × 90mm (H)
Weight:	Approx. 400g (without software cartridge)
Accessories:	User's manual × 1



* Design and specifications are subject to change for product improvement without notice.

Precautions for safe operation

Before use, please carefully read through these precautions for proper usage methods. After reading it, be sure to keep the manual in a safe place for later reference.

■ Display Explanations

The procedures listed herein must be carefully followed to ensure both safe operation and to prevent personal injury and property damage.

Danger	Warning
Ignoring these warnings may result in death or serious injury.	Ignoring these warnings may result in injury or property damage.

- **Should any of the following occur, immediately turn the power switch off and unplug the cabinet. Continued use may cause fire or electric shock.**
  - Emissions of smoke, unusual odors, or strange noises
  - Operation irregularities
  - Water or foreign materials in the cabinet
  - Damage to the cabinet
- **Do not place the cabinet in areas prone to leaking or flooding; do not allow the place objects containing liquid (like drinks) or metal objects on the cabinet.**
  Should liquids or metallic objects fall into the cabinet, it may cause fire or electric shock.
- **Be sure to tightly join all connectors.**
  Loose connections may cause fire or shock.
- **Before changing game PCBs and conducting cabinet checks, turn the power switch off and unplug the cabinet.**
  Changing PCBs with the switch on and the cabinet plugged in may cause fire or electric shock.
- **Do not conduct repairs or modifications.**
  These may cause fire or electric shock.
- **This PCB is designed for use with an AC 100 V ± 10 V current; be sure to connect its power plug to a specialized outlet.**
  Connecting a number of appliances that consume a lot of power to the same electric outlet (like air conditioners and other cabinets) may cause fire or electric shock.

MV-1C PCB

- **Guard against dust and conductive materials entering into the slot.**
  This may cause fire or electric shock.

- **Do not mount the cabinet containing the MV-1C or place heavy objects on it.**
  This will not only cause injury should it become unbalanced and tip over or fall, but it may cause damage to the cabinet.

- **Under no circumstances place the cabinet with the MV-1C outside.**
  This will cause damage or breakdowns.

- **Never place the cabinet with the MV-1C in the following locations as it may cause breakdowns.**
  - Indoor pools or areas near a shower where humidity is high and there is a danger of internal condensation.
  - In areas exposed to direct sunlight.
  - Near areas of excessive heat, like next to a heater, and around dangerous materials.
  - In places that are excessively dusty.

- **When unused for long periods, turn the cabinet with the MV-1C off and unplug it for safe storage.**

- **Place the cabinet where room temperature is between 5˚C and 40˚C.**
  Breakdowns may result with operation outside the given temperature range.

- **During shipping or moving, avoid serious jolts to the MV-1C.**
  This may cause damage or breakdown.

- **Always use a Logic tester when checking IC port circuitry.**
  Using a normal tester may cause damage or breakdown.

- **When installing the PCB, be sure to calibrate the 4 lower adjusters to bring the cabinet with the MV-1C level.**
  Should the cabinet tip over or fall, it may cause injury.

- **Be sure to connect a ground cable to the ground terminal.**

MV-1C PCB tips

- **When inserting game cartridges, always turn the power OFF.**
  Inserting cartridges with the power on may cause breakdowns.

- **Do not insert non-MVS game cartridges or NEO GEO home use cartridges into the slot.**
  This may cause breakdowns.

- **Insert game cartridges securely into the slot.**
  This may cause breakdowns if not properly inserted.

- **After inserting game cartridges, be sure to check operations.**

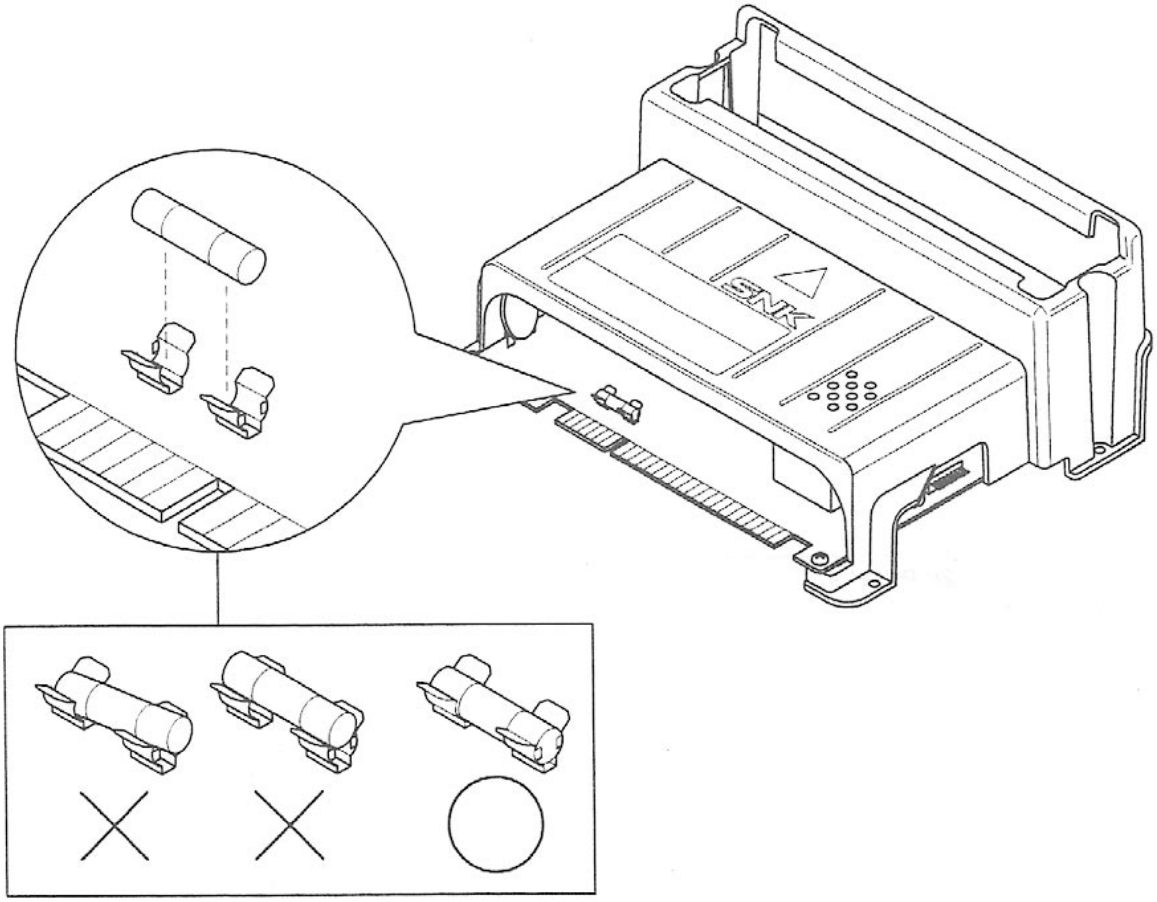
- **Using the unit near televisions, radios, or portable communications devices may inter-**

■ Replacement of fuse

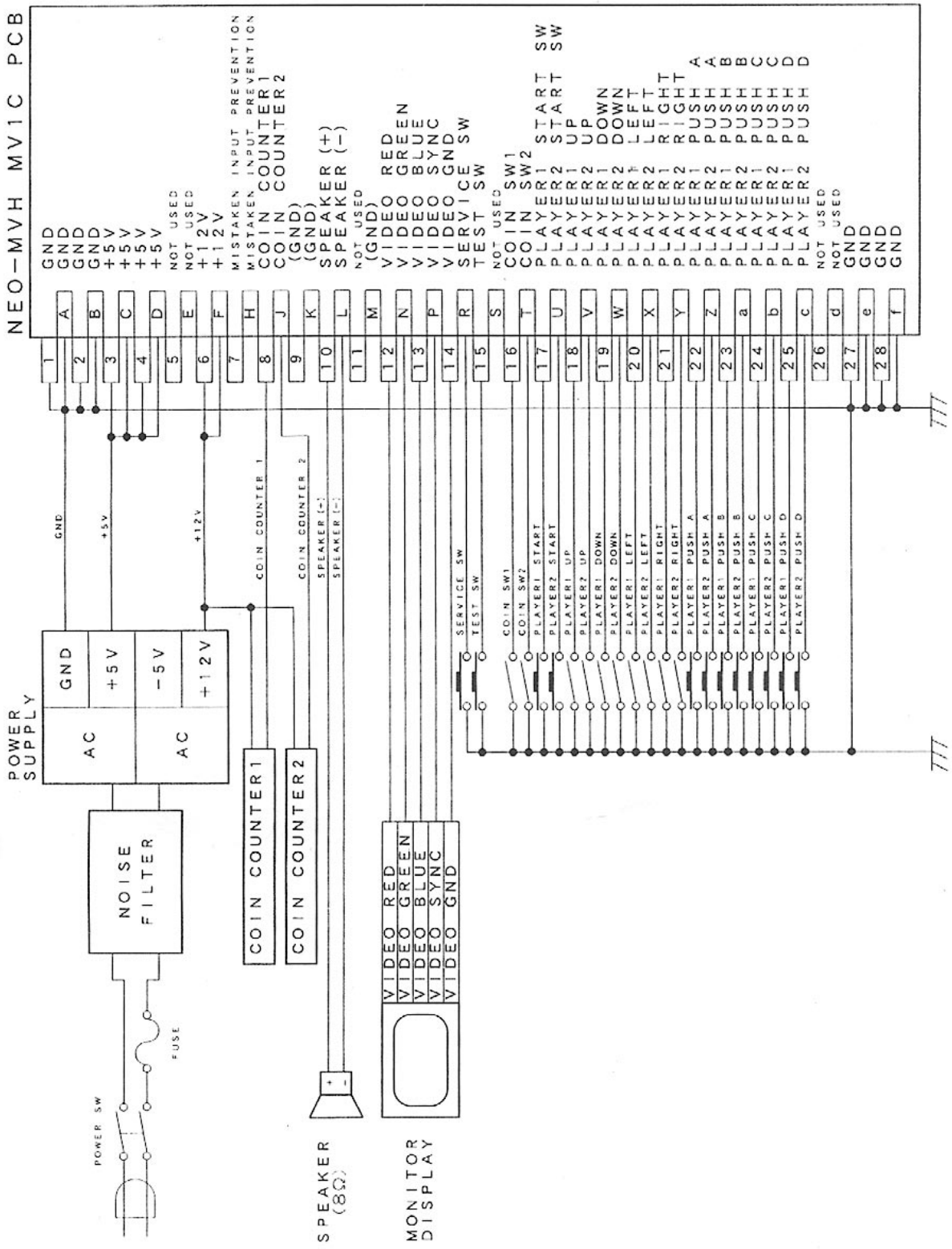
MV1C is provided with a substrate protection fuse inserted at the position illustrated in the drawing.
This fuse does not blow out under normal use conditions.
If the fuse does blow out, it is considered that something abnormal (for example, a soft cartridge is not correctly inserted, etc.) has occurred
in the MV1C body or soft cartridge.
If it is found that the fuse has blown out, immediately stop the power supply to the MV1C, and remove the cause of abnormality.
Then, replace the fuse with a tube type fuse having the following rating.

- Fuse rating: 125V, 5A, semi-time lag type
- Fuse outer dimension: 5.2mm dia. × 20mm tube type fuse
- Correctly insert a tube type fuse in compliance with the drawing.

If a fuse continuously blows out after the replacement, immediately
stop the power supply to the MV1C, and ask a servicing agent for repair.



■ Wiring diagram



S-9907

Distributed by SNK

SNK CORPORATION 1-6,ENOKI-CHO,SUITA-SHI,OSAKA,564-0053,JAPAN TEL:(81)6-6339-5577 FAX:(81)6-6338-7175
SNK CORPORATION OF AMERICA 17 GREAT OAKS BLVD. SAN JOSE,CA 95119,U.S.A. TEL:(1)408-292-4550 FAX:(1)408-292-4271
SNK ASIA LIMITED SUITE 807,TOWER1,THE GATEWAY,25 CANTON ROAD,TSIM SHA TSUI,KOWLOON,HONG KONG TEL:(852)2-730-0420 FAX:(852)2-375-3203
SNK SINGAPORE PTE LTD. 6 TEMASEK BOULEVARD, #41-02 SUNTEC TOWER FOUR,SINGAPORE 038986 TEL:(65)336-7877 FAX:(65)336-2270
SNK EUROPE LTD. 2ND FLOOR MARLBOROUGH HOUSE,298 REGENTS PARK ROAD,LONDON,N3 2SZ ENGLAND,U.K. TEL:(44)181-371-9911 FAX:(44)181-371-9890
SNK CORPORATION MIDDLE EAST P.O.BOX:17306,JEBEL ALI FREE ZONE,DUBAI,UNITED ARAB EMIRATES TEL:(971)4-814602 FAX:(971)4-814605

Printed in Japan

OFFICIAL PANFRA