



INSTRUCTION MANUAL  
GND strap for ISO 10605:2001  
05-00104A

NOISE LABORATORY CO., LTD  
1.02Edition  
AEC00241-00E-0C

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### NOTICE

- The contents of this instruction manual (the "Manual") are subject to change without prior notice.
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  - The contents of the Manual have been thoroughly examined. However, if you find any problems, misprints, or missing information, please feel free to contact our sales agent who you purchased our product from.
  - The Company assumes no responsibility for any loss or damage resulting from improper usage, failure to follow the Manual, or any repair or modifications of this product undertaken by a third party other than the Company or the agent authorized by the Company.
  - The Company assumes no responsibility for any loss or damage resulting from remodeling or conversion solely undertaken by the user.
  - Please note that the Company cannot be held responsible for any consequences arising from the use of this product.
- Product names and business names referred to in the Manual are generally trademarks or registered trademarks of third parties. Those trademarks have nothing to do with the Company. ® and TM are not always referred to in this manual.

### 1. IMPORTANT SAFETY PRECAUTIONS

Important points for the safe use of this unit are provided below. Be sure to carefully read this information before use.

1. Do not use this unit in areas where open flames are prohibited or areas having an explosive atmosphere. Electrical discharges can occur during use, which can cause these atmospheres to ignite.
2. Do not allow people with pacemakers or other electronic medical devices to operate this unit or to enter the testing area while this unit is operating.
3. The section "Basic Safety Precautions" contains important safety recommendations, and so be sure to read the section carefully before making the testing environment settings, connections, and starting testing.

### 2. INTRODUCTION

Thank you very much for your purchase of 05-00104A (GND strap for ISO 10605:2001).

- This operation manual describes the function, operation and safety precautions of this product.
- Thoroughly read this operation manual before use and keep it as a ready reference.
- To ensure the safe and correct procedure of EMC tests, the contents of this manual should be thoroughly understood and used as a ready reference for operation. It is also recommended to read the instruction manuals for your ESD simulator (based unit and gun).

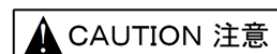
### 3. BASIC SAFETY PRECAUTIONS FOR THIS UNIT

#### 1. Warning signs and their meanings



**Means a warning.**

If such a danger is not avoided, a potential danger which may result in a death or serious injury will be caused.



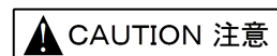
**Means a caution.**

If such a danger is not avoided, a potential danger which may result in a minor or medium degree of injury will be caused.

#### 2. Basic safety precautions



1. Noise Laboratory and our affiliated dealers are not liable for any injuries or equipment damage due to improper operation of this unit or for any resulting incidental damages. (Precaution regarding personal safety, operation, environment, and connection)



2. Do not use or store in environments with extremely hot or cold temperatures. If you cannot maintain a suitable operating environment (temperature: 15°C to 35°C, humidity: 25% to 75%), the unit can be damaged and result in impaired performance. (Precaution regarding environment)
3. In the event that condensation forms, be sure that the unit is fully dried before starting operation. Failure to observe this can damage the unit and result in impaired performance. (Precaution regarding environment)
4. Avoid using the unit in locations with high humidity or exposed to large amounts of dust. Failure to observe this can damage the unit and result in impaired performance. (Precaution regarding environment)
5. Maintenance, servicing, and internal adjustment shall be performed by the manufacturer's (Noise Lab) authorized personnel only. Violating this may lead to the situation where a full performance cannot be assured.
6. Do not wipe the unit with thinner, alcohol, or other solvents. If the unit is dirty, wipe with a cloth dipped in neutral detergent after it is fully wrung out. Wiping with a solvent can damage the unit surface.

### 4. PRODUCT COMPONENTS

- 05-00104A  
( GND strap for ISO 10605:2001)
- Instruction Manual (this document)

### 5. SPECIFICATIONS

Parameters	Specifications
Strap width	more than 50 mm
Strap length	less than 2 m
Terminal shape	60 mm x 60 mm Hole diameter : 4mm
Weight	Approx. 3.2 kg

### 6. OPERATION

Please use this product to help to establish a required set up for ESD immunity test conforming to ISO 10605:2001.

## 7. WARRANTY

### Servicing terms

The following terms are applicable to servicing by Noise Laboratory Co., Ltd., (hereafter referred to as the Company) provided to maintain the intended performance of its products.

#### 1. Scope

The following terms shall apply only to products made by the Company.

#### 2. Technical servicing fee

In the event of a failure of a product within the warranty period (see warranty section), the Company will repair a product without charge. After the warranty expires, repairs will be billed at a nominal cost.

#### 3. Ownership of defective parts

Any defective part exchanged under the Company's servicing belongs to it.

#### 4. Limited liability

In the event that damages resulting from servicing by the Company are intentional or caused by negligence, the Company will pay the cost but at the purchase value of the relevant product maximum. But, notwithstanding the foregoing, the Company shall not be responsible for any incidental or consequential damages of any nature, including without limitation thereof loss of would-be profit or compensation demanded from a third party

#### 5. Refusal to offer servicing

The company may not accept a repair order in the following cases:

- More than 5 years have passed since the product discontinued
- More than 8 years have passed after delivery
- Required component for servicing already discontinued and no alternative is available.
- Product changed, repaired or remodeled without obtaining a prior permission from the Company.
- Product severely damaged to the extent it has lost its original form

### Limited warranty

Noise Laboratory Co., Ltd. (hereafter referred to as the Company) warrants its products to be free from defects in materials and workmanship under normal use and service for a period of one year from date of delivery. In the event of failure of a product covered by this warranty, the Company will repair the product or may, at its option, replace it in lieu of repair without charge.

Notwithstanding the foregoing, the Company shall not be responsible for any incidental or consequential damages of any nature, including without limitation thereof loss of would-be profit or compensation demanded from a third party. This warranty is valid only in Japan.

#### 1. Scope

This warranty shall only apply to products made by the Company.

#### 2. Period

One year from date of delivery. The warranty may be valid in 6 months after servicing if the same failure on the same component has repeated.

#### 3. Exclusions

The followings are exclusions from this warranty:

Consumable parts (including HV relay)

Failure caused by misuse, neglect, accident or abnormal conditions of operation

Failure caused by remodeling on the user side without prior permission from the Company

Failure caused by servicing by unauthorized personnel by the Company

Failure due to fore majeure including but not limited to, acts of God, fire, war, riot, rebellion and others

Failure due to shock or drop in or after transit

Failure due to operation in environment being out of ambient specifications.

A unit shipped to overseas.

## 8. MAINTENACE

1. When repair, maintenance or internal adjustment is required, it should be performed only by our company's authorized service engineer.
2. Maintenance to be performed by the customer are limited to the outside cleaning and functional check.
3. For products with fuses, unplug before check or fuse replacement.
4. When cleaning products, turn off the power switch and unplug them beforehand.
5. When the body gets dirty, soak a cloth in water or detergent, squeeze the cloth and gently wipe off it.
6. For check and servicing purpose, open designated covers only.

## 9. NOISE LABORATORY SUPPORT NETWORK

- If you find a phenomenon, which may be judged as a trouble, please inform our maintenance or sales division of the model name of your machine and serial number together with the detail of such phenomenon.
- When you return the product, fill in a repair request form with the detail of the trouble, symptom, model name, serial number and your request. Put the whole equipment in the original package or pack it in a type of package suitable for transit and send to our company.

### For repair and other services, contact:

International Dept.  
Noise Laboratory Co., Ltd.  
1-4-4 Chiyoda, Chuo-ku, Sagamihara, Kanagawa  
252-0237, Japan  
Tel: +81 (0)42-712-2051 Fax: +81 (0)42-712-2050

## 10. Application Form for Buying Instruction Manual

We apply for buying INSTRUCTION MANUAL.

**Model:** \_\_\_\_\_

Applicant's address: \_\_\_\_\_

Company name: \_\_\_\_\_

Section: \_\_\_\_\_

Name of person in charge: \_\_\_\_\_

Tel: \_\_\_\_\_

Fax: \_\_\_\_\_

Cut off this page "APPLICATION FORM FOR BUYING INSTRUCTION MANUAL" from this booklet and keep it for future use with care.

When an INSTRUCTION MANUAL is required, fill out the above Application Form and mail or fax it to NOISE LABORATORY CO., LTD. or our sales agent.