



INSTRUCTION MANUAL

**LOAD RESISTOR MOUNTING BOARD
MODEL 03-00052B**

NOISE LABORATORY CO., LTD.

Edition1.01
AEC00248-00E-0B

NOTICE

- The contents of this instruction manual are subject to change without prior notice.
- No part of this instruction manual may be reproduced or distributed, in any form or by any means, without the authorization of Noise Laboratory Co., Ltd.
- The contents of this instruction 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.
- Noise Laboratory Co., Ltd. assumes no responsibility for any loss or damage resulting from improper usage, failure to follow this instruction manual, or any repair or modifications of this product undertaken by a third party other than Noise Laboratory Co., Ltd. or its authorized person.
- Noise Laboratory Co., Ltd. assumes no responsibility for any loss or damage resulting from remodeling or conversion solely undertaken by the user.
- Please note that Noise Laboratory Co., Ltd. cannot be held responsible for any consequences arising from the use of this product.

1. APPLICATION FORM FOR INSTRUCTION MANUAL

To: Noise Laboratory Co., Ltd.

We place an order for an instruction manual.

Product:

Load resistor mounting board

Model:

03-00052B

Applicant:

Company name: _____

Address: _____

Department: _____

Person in charge: _____

Tel No.: _____

Fax No.: _____

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

When an INSTRUCTION MANUAL is required, fill in the above Application Form and mail or fax it to the following sales department of our company.

To: Noise Laboratory Co., Ltd.

**1-4-4 Chiyoda, Chuo-ku, Sagami-hara City,
Kanagawa Pref., 252-0237 Japan**

Tel: +81-(0)42-712-2051

Fax: +81-(0)42-712-2050

2. PREFACE

2-1. Preface

Thank you very much for your purchase of the load resistor mounting board Model : 03-00052B. Please read this instruction manual thoroughly prior to use of this product in order to attain the maximum and safe use of the Unit.

- **This instruction manual will let you operate 03-00052B safely and make the most use of it if you strictly follow the operational procedures and the safety instructions.**
- **Keep this instruction readily available whenever you operate 03-00052B.**

2-2. Function of This Product

This product is used for verifying output current waveform of the electrostatic discharge simulator as prescribed on the IEC61000-4-2 Ed2 and ISO10605 Ed2 with other optional products such as the load resistor Model: 06-00067A, the discharge gun mount Model: 03-00061A, and the GND cable stand Model: 03-00060A.

3. CONTENTS

1. APPLICATION FORM FOR INSTRUCTION MANUAL	1
2. PREFACE.....	3
2-1. PREFACE	3
2-2. FUNCTION OF THIS PRODUCT	3
3. CONTENTS.....	4
4. BASIC SAFETY PRECAUTIONS	5
4-1. SYMBOLS OF HAZARD	5
5. NAME AND FUNCTION OF EACH PART / HOW TO BUILD	7
6. EXAMPLE OF CONFIGURATION	8
7. SPECIFICATIONS.....	9
8. WARRANTY	10
9. MAINTENANCE	12
10. NOISE LABORATORY SUPPORT NETWORK.....	13

4. BASIC SAFETY PRECAUTIONS

- This chapter describes very important instructions which users must follow to take precautions against possible injury and harm.
- The indications are provided as an explanation of potential danger involved if the safety precautions are not observed correctly. Understand the meaning of each indication well before reading the text.



4-1. Symbols of Hazard

- ◆ The following display classifications describe degree, to which injury or harm might occur when the contents of the display are not followed or this product or related equipment is operated incorrectly.



The contents of this display indicate “the assumption that there is a possibility of harm and the assumption that there is a possibility of physical damage” if this product or related equipment is handled incorrectly.

- ◆ The following display classifications describe details that should be followed.

 Prohibited	Indicates prohibition (an action that must not be taken)
 Compulsory	Indicates a compulsory action (an action that must be taken)



Compulsory

If dewing occurs after moving this product from cold place to warm place, fully dry up the Unit before using it.

Dews may cause an electric shock, a trouble, a fire.

When the body is dirty, wipe the body with a dry cloth.



Prohibited

Do not wipe this product with thinner, alcohol or other solvent.

When the body is very dirty, soak a cloth into neutral detergent, squeeze out the detergent from the cloth and wipe the body with the cloth.

Do not take this product apart or do not remodel.

Irresponsible repair or remodeling may cause damage of this product.

Repair and inspection of this product should be performed by a qualified service engineer. Ask Noise Laboratory or its sales agent.

Do not install the Unit on following places.

Setting up the Unit on wrong places as follows may result in a fire, an electric shock, or an injury.

- A very humid or dusty place
- A hot place, e.g. a place exposed to direct rays of the sun, a place close to a heater.
- A place easy to bedew, e.g. a place close to a window.
- An uneven place or a slant place

Handle this product carefully.

Misuse causes may damage this product.

- Do not bump or rub this product against hard substance.
- Do not handle this product with wet hands.
- Do not turn over this product on its back or side or make it upside down.
- Do not drop or shock this product.

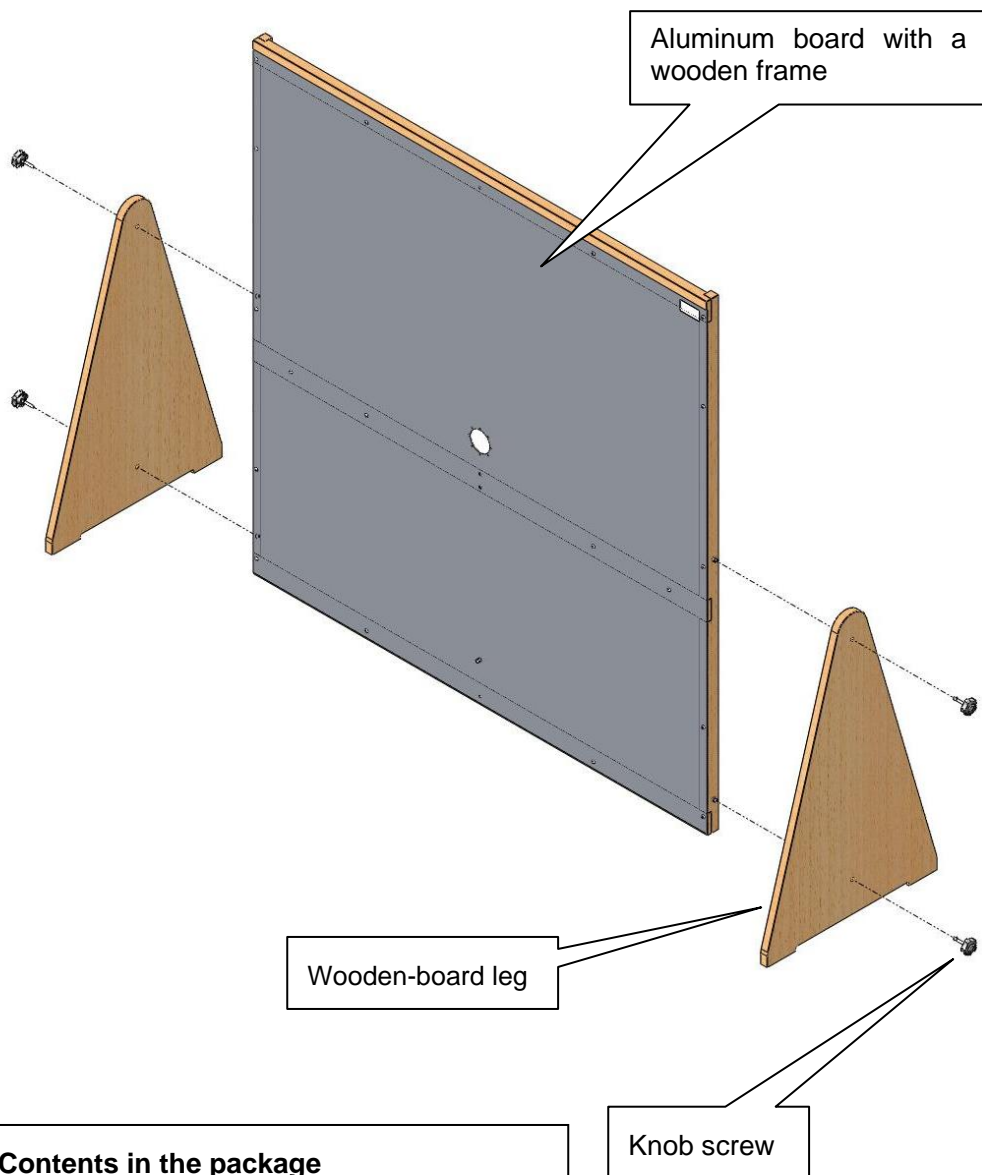
- ※ In the event of failure in normal usage, repair shall be performed under the condition of the warranty rule. However, NOISE LABORATORY and its sales agents shall not be liable for any accident resulting in damage of DUT (Device Under Test) or peripheral equipment caused by deterioration of performance of expendable parts or any other external factors.
- ※ NOISE LABORATORY and its sales agents shall not be liable for any accident resulting in damage of equipment, human injury or death, or any other damage caused by irresponsible handling without following instructions on this manual.

5. NAME AND FUNCTION OF EACH PART / HOW TO BUILD



More than two people must be necessary for building up this product.

Fix the wooden-board legs on the wooden frame of the aluminum board with the knob screws (4 pcs).



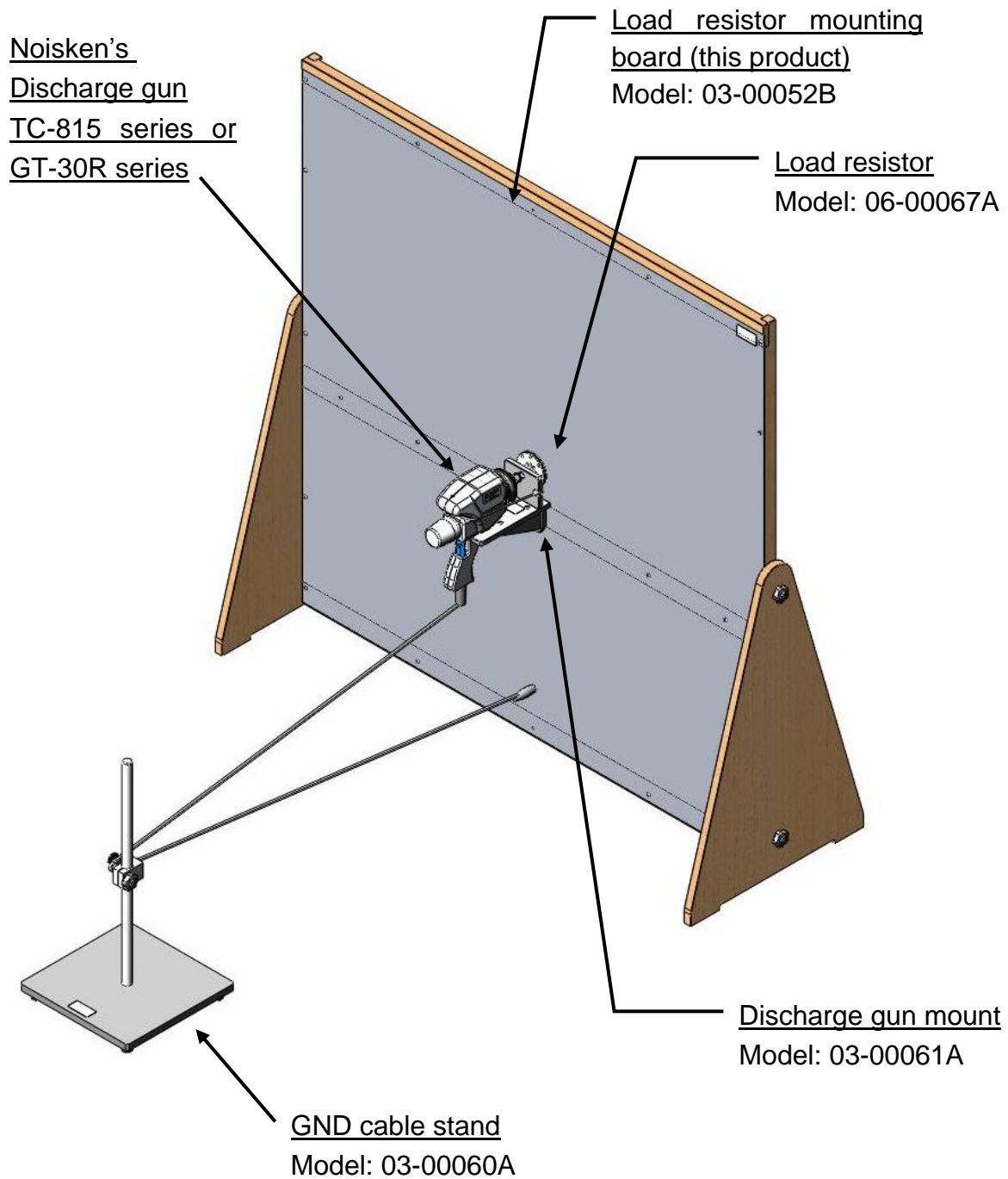
Contents in the package

Aluminum board with wooden frame: 1 pc

Wooden board leg: 2 pcs

Knob screw: 4 pcs

6. EXAMPLE OF CONFIGURATION



7. SPECIFICATIONS

Item	Specification
Size	(W)1240 × (H)1240 × (D)450mm (Without projection) Aluminum board: (W)1200 × (H)1200mm / t=1.5mm
Weight	Approx. 13kg
Material	Aluminum, Wood

8. WARRANTY

Services

The following terms are applicable to the services provided by the Company to maintain and repair the Unit.

1. Scope

The Unit and accessories and options provided by the Company are covered under this section.

2. Technical Service Fee

Any repairs provided by the Company during the warranty period will be free of charge in accordance with the Limited Warranty. After expiration of the warranty period, actual cost for the repair will be charged to the user.

3. Ownership of Defective Parts

All the defective parts replaced during the warranty period become the property of the Company. For paid repairs, they also become the property of the Company unless otherwise directed by the user.

4. Maximum Compensation

In the event the user incurs damage due to malfunction of the Unit arising solely from the negligence and/or improper repair on the part of the Company, the Company will compensate for the damage. The maximum compensation amount shall be limited to the amount paid by the user at the time of purchase of the Unit. In no event, shall the company be liable or in any way responsible for incidental or consequential damages such as loss of profit or third party's claims to the user.

5. Wrong Parts, Missing Parts and Damage

The company shall not be liable for loss of profit, business interruption, other incidental damage, special loss, punitive damage or third party's claims to the user directly or indirectly arising from suspension of testing activities due to wrong parts, missing parts, or damage of the Unit.

Service Refusal

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

6.

Limited Warranty

In the event of failure during the warranty period, the Unit will be repaired or replaced free of charge. Decision of the repair method shall be left at the discretion of the Company. This limited warranty is applicable in Japan only.

1. Scope

This warranty is applicable only to the Unit and its accessories.

2. Warranty Period

One year from the date of delivery.

For a location once repaired, the warranty period for same parts / same problems is 6 months from the time of repair completion.

3. Exceptions

Regardless of the above, following will be excluded from the warranty.

- ✧ Consumable parts replacement, including High Voltage Relay (if used)
- ✧ Failure caused by negligence, or damage to the Unit.
- ✧ Failure due to modifications made without the Company's authorization.
- ✧ Failure due to repairs made by personnel not authorized by the Company.
- ✧ Failure directly or indirectly arising from force majeure including but not limited to, acts of god, fire, war, rebellion and others.
- ✧ Failure due to shipping, vibration, falling, or impact shock after delivery
- ✧ Failures due to use of the Unit under the improper environment.]
- ✧ When the Unit is taken out of the country.

9. MAINTENANCE

1. When repair or maintenance of the unit is required, a qualified service engineer takes charge of such work.
2. Maintenance on the user side is restricted to the outside cleaning and functional check of the unit.
3. When cleaning the unit, turn off the switch of the related equipment and disconnect the plug socket beforehand.
4. For cleaning, wipe surface of the unit softly with a soft cloth absorbing water or neutral detergent and having wrung out fully.

10. NOISE LABORATORY SUPPORT NETWORK

- If a symptom which seems a trouble is found, inform the model name and serial number of the product together with the symptom to Noise Laboratory or your nearest sales agent of Noise Laboratory.
- When the product is returned to Noise Laboratory, write the state of the trouble, contents of your request, model name and serial number in a repair order, and pack the product and repair order sheet in the former package of equivalent suitable for transit and send them back.

NOISE LABORATORY CO., LTD.

1-4-4, Chiyoda, Chuo-ku, Sagamiara City, Kanagawa Pref., 252-0237, Japan

TEL: +81-(0)42-712-2051 FAX: +81-(0)42-712-2050

URL: <http://www.noiseken.co.jp>

Printed in Japan