

Battery unit Instructions for Use

Introduction

Thank you for purchasing the BU-LX1000 battery unit. Please read this document in its entirety before using the product to get the best performance and ensure safe and proper operation.

Included accessories

Connection screws (flathead M3 × 5) × 4
Instructions for Use (this document) × 1

IMPORTANT SAFETY INSTRUCTIONS

Model for USA

Supplier's Declaration of Conformity

Model number: BU-LX1000

Trade name: TEAC

Responsible party: TEAC AMERICA, INC.

Address: 10410 Pioneer Blvd. Unit #1, Santa Fe Springs, California 90670, U.S.A.

Telephone number: +1-323-726-0303

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Model for Canada

Innovation, Science and Economic Development Canada's Compliance Statement:
This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Model for UK

This product complies with the applicable UK regulations.



Model for Europe



This product complies with the European Directives request, and the other Commission Regulations.

Disposal of electrical and electronic equipment

- All electrical/electronic equipment should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- By disposing of electrical/electronic equipment correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- Improper disposal of waste electrical/electronic equipment can have serious effects on the environment and human health because of the presence of hazardous substances in the equipment.
- The Waste Electrical and Electronic Equipment (WEEE) symbols, which show wheeled bins that have been crossed out, indicate that electrical/electronic equipment must be collected and disposed of separately from household waste.
- Return and collection systems are available to end users. For more detailed information about the disposal of old electrical/electronic equipment and waste batteries/accumulators, please contact your city office, waste disposal service or the shop where you purchased the equipment.



WARNING: This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

ATENCIÓN: Este es un producto de clase A. En un entorno no profesional, este aparato puede producir interferencias de radio, en cuyo caso el usuario será el responsable de tomar las medidas necesarias para solucionarlo.

AVERTISSEMENT : Il s'agit d'un produit de Classe A. Dans un environnement domestique, cet appareil peut provoquer des interférences radio, dans ce cas l'utilisateur peut être amené à prendre des mesures appropriées.

Warnung: Dies ist eine Einrichtung, welche die Funk-Entstörung nach Klasse A besitzt. Diese Einrichtung kann im Wohnbereich Funkstörungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen durchzuführen und dafür aufzukommen.

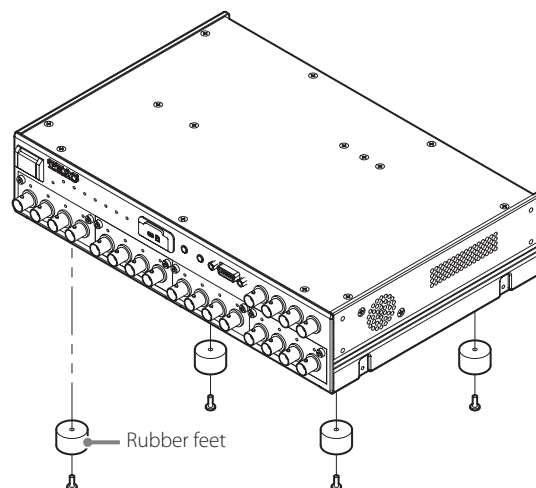
Precautions for use

- Do not use any battery other than the NP-9X made by IDX Company, Ltd.
- Incorrect battery handling could cause rupture, fire, smoke, heat or fluid leakage and could lead to reduced performance or malfunction. Always abide by the prohibitions in the battery owner's manual.
- Batteries (including products that contain them) should not be exposed to sunshine, fire or excessive heat.
- Do not connect the output cable of this unit to its DC IN connector when batteries are installed. Doing so might reduce performance or cause a malfunction.
- Before changing the batteries, turn the LX-1000 off. Furthermore, if a power cord is connected to the DC IN connector, disconnect it.
- Always use batteries in sets of three.
- Charge the batteries completely using the following battery charger before use. IDX JL-2PLUS
- Always remove batteries before disposing of this product. To dispose of a removed battery, follow the instructions in its manual.
- Always remove the batteries before transporting this product.
- This product is designed specifically for the LX-1000. Do not use it with any other product.

Assembly procedures

1 Remove the rubber feet from the LX-1000 unit.

Keep the removed rubber feet and screws.



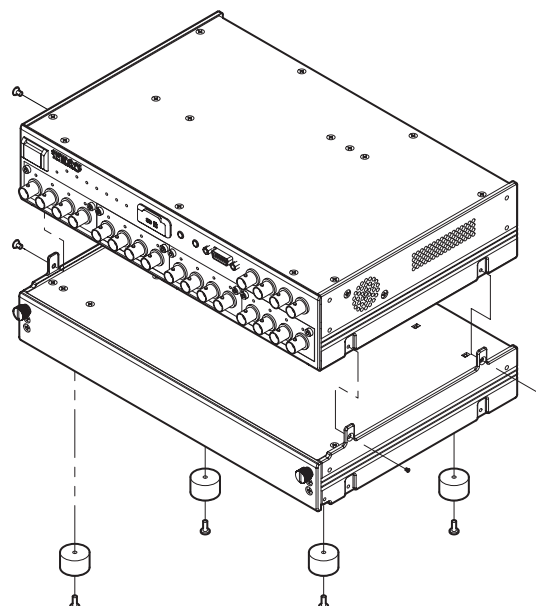
2 Use screws to attach the LX-1000 unit and the BU-LX1000 battery unit(s).

Use the included connection screws to attach them at the joints (in 4 locations).

Tighten the screws with a torque of 60 N-cm (6 kgf-cm).

3 Attach the rubber feet removed from the LX-1000 unit to the bottom of the BU-LX1000 battery unit.

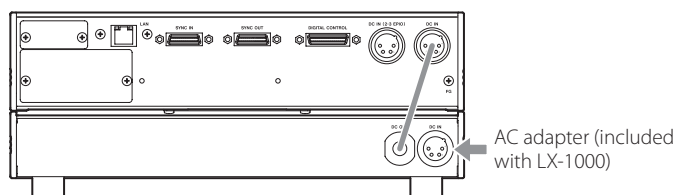
Tighten the screws with a torque of 60 N-cm (6 kgf-cm).



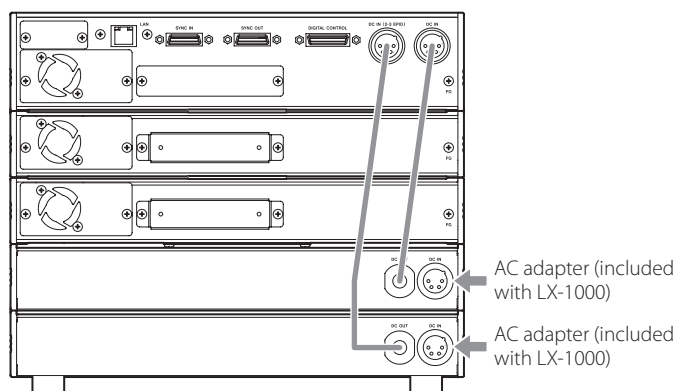
Connecting cables

When using the main unit (LX-1000) alone or with a single expansion unit (AU-LX1000EPIO), they can be powered with a single battery unit (BU-LX1000). When using two or three expansion units, two battery units are necessary. Connect battery units and, if using them, AC adapters (included with the LX-1000) as shown in the following illustrations.

16-channel and 32-channel models



48-channel and 64-channel models



Using with an external power supply

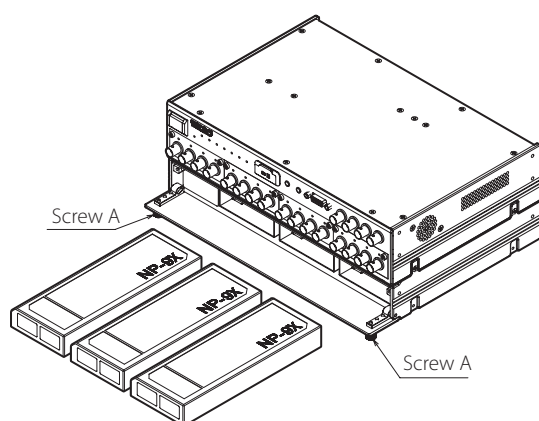
Power can be supplied to the LX-1000 by connecting AC adapters included with the LX-1000 to the DC IN connectors of BU-LX1000 units.

The LX-1000 unit operates on 8V–36V DC.

To supply power using equipment other than the included AC adapter, correctly follow the pin number assignments in the "DC IN power connector" chapter of the LX-1000 Instructions for Use.

Equipment could be damaged if connections are made with incorrect pin numbers or voltage that exceeds the guaranteed voltage operating range is supplied.

Installing and removing batteries



- 1 Loosen the 2 screws (A) on the front and open the cover.**
- 2 Insert the batteries (3) with the "NP-9X" label facing in.**
- 3 Close the cover and tighten the two screws (A) to fix it in place.**

- Follow these procedures in reverse to remove the batteries.

Specifications

Batteries used NP-9X made by IDX Company, Ltd.
Number of batteries 3 (sold separately)
DC power supply input
Rated input voltage DC 9–34 V
Guaranteed operating input voltage range DC 8–36 V
Output voltage 14.4 V/18 V
External dimensions 300 (W) × 201.5 (D) × 44 (H) mm
Weight about 1.9 kg
Continuous operation time about 10 hours
(This is an estimate for a 16-channel model operating at room temperature with AR-LXPA1000 units installed. The continuous operating time will vary according to the use environment and operating mode.)

- In order to improve the products, specifications and appearance could be changed at any time without warning.
- Weight and dimensions are approximate.
- Illustrations in this document might differ in part from the actual products.

Warranty explanation

- The warranty period for this device is one year from the date of purchase.
- Be aware that repairs will require payment in the following cases even during the warranty period.
 - 1) Malfunction or damage due to misuse
 - 2) Malfunction or damage caused by modifications or repairs conducted by any party other than our company or a service person designated by our company
 - 3) Malfunction or damage caused by dropping, transportation or similar handling after product delivery
 - 4) Malfunction or damage caused by fire, earthquake, water, lightning or other natural disaster
 - 5) Malfunction or damage caused by external factors, including power supplies and equipment environmental conditions, that deviate from the operation requirements of this product
 - 6) Malfunction or damage if the product was not purchased from our company or an agent designated by our company
- We offer paid service after the conclusion of the warranty period. For details, please contact the retailer where you purchased the unit or a contact on the back cover of this manual.
- Be aware that our company will bear no responsibility for any secondary damages resulting from the operation of this device or related to data.
- Be aware that our company will bear no responsibility if data recorded by this device is deleted as a result of misoperation or unexpected incident, for example.
- Information is given about products in this manual only for the purpose of example and does not indicate any guarantees against infringements of third-party intellectual property rights and other rights related to them. TEAC Corporation will bear no responsibility for infringements on third-party intellectual property rights or their occurrence because of the use of these products.

DISCLAIMER

TEAC disclaims all warranty, either expressed or implied, with respect to this product and the accompanying written materials. In no event shall TEAC be liable for any damages whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information or other loss) arising out of the use of or inability to use this product.

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