

WINDOW INTERCOM SYSTEM

NF-2S

Thank you for purchasing TOA's Window Intercom System.

Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.

1. SAFETY PRECAUTIONS

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.



WARNING

Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.

When Installing the Unit

- Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.
- Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.
- Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, as doing so may result in fire or electric shock.
- Since the unit is designed for indoor use, do not install it outdoors. If installed outdoors, the aging of parts causes the unit to fall off, resulting in personal injury. Also, when it gets wet with rain, there is a danger of electric shock.

- Avoid installing the Sub-Unit in locations exposed to constant vibration.

Excessive vibration can cause the Sub-Unit to fall, potentially resulting in personal injury.

When the Unit is in Use

- Should the following irregularity be found during use, immediately switch off the power, disconnect the power supply plug from the AC outlet and contact your nearest TOA dealer. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.
 - If you detect smoke or a strange smell coming from the unit
 - If water or any metallic object gets into the unit
 - If the unit falls, or the unit case breaks
 - If the power supply cord is damaged (exposure of the core, disconnection, etc.)
 - If it is malfunctioning (no tone sounds)
- To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit. Refer all servicing to qualified service personnel.
- Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.

- Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.
- Do not touch a power supply plug during thunder and lightning, as this may result in electric shock.
- Avoid positioning sensitive medical equipment in close proximity to the Sub-Unit magnets, as the magnets could adversely affect the operation of such sensitive medical equipment as pacemakers, potentially leading to patients fainting.



CAUTION

Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

When Installing the Unit

- Never plug in nor remove the power supply plug with wet hands, as doing so may cause electric shock.
- When unplugging the power supply cord, be sure to grasp the power supply plug; never pull on the cord itself. Operating the unit with a damaged power supply cord may cause a fire or electric shock.
- When moving the unit, be sure to remove its power supply cord from the wall outlet. Moving the unit with the power cord connected to the outlet may cause damage to the power cord, resulting in fire or electric shock. When removing the power cord, be sure to hold its plug to pull.
- Avoid installing the unit in humid or dusty locations, in locations exposed to the direct sunlight, near the heaters, or in locations generating sooty smoke or steam as doing otherwise may result in fire or electric shock.
- To avoid electric shocks, be sure to switch off the unit's power when connecting speakers.

When the Unit is in Use

- Make sure that the volume control is set to minimum position before power is switched on. Loud noise produced at high volume when power is switched on can impair hearing.
- Do not operate the unit for an extended period of time with the sound distorting. Doing so may cause the connected speakers to heat, resulting in a fire.
- Be sure to use only the designated AC adapter and power cord. Using any other than the designated components could result in damage or fire.
- If dust accumulates on the power supply plug or in the wall AC outlet, a fire may result. Clean it periodically. In addition, insert the plug in the wall outlet securely.
- Switch off the power, and unplug the power supply plug from the AC outlet for safety purposes when cleaning or leaving the unit unused for 10 days or more. Doing otherwise may cause a fire or electric shock.
- Note on the Use of Headsets: Be sure to perform the designated settings before using headsets, as failure to follow the instructions provided could generate overly loud sound output, possibly resulting in the temporary impairment of hearing.
- Avoid placing any magnetic media in close proximity to the Sub-Unit magnets, as this could have a harmful effect on the recorded contents of magnetic cards or other magnetic media, possibly resulting in damaged or destroyed data.

The socket-outlet shall be installed near the equipment and the plug (disconnecting device) shall be easily accessible.

2. CONFIRM CONTENTS

Ensure that the following components, parts and manuals are contained in the packing box:

Base Unit	1	Metal plate	2
Sub-Unit	2	Mounting base	4
AC adapter*	1	Zip tie	4
Power cord*	1	Setup guide	1
Dedicated cable	2	Read Me First (This manual)	1
Rubber foot for Base Unit	4		

* No AC adapter and Power cord are supplied with the version W.
For usable AC adapter and Power cord, consult your nearest TOA dealer.

3. GENERAL DESCRIPTION

Consisting of one Base Unit and two Sub-Units, the NF-2S system is designed to relieve problems in understanding face-to-face conversations through a partition or face masks. Since the Sub-Units' built-in magnets allow them to be easily attached to both sides of a partition, they can be used even in locations without ample mounting space.

4. FEATURES

- Provides full, intuitive support for simultaneous two-way conversation thanks to DSP signal processing and wideband audio output, while eliminating dropouts in sound output.
- Compact and lightweight Sub-Unit design facilitates installation.
- Magnetically mounted Sub-Units are easily installed, eliminating the need for brackets and other metal fittings.
- Allows easy connection of commercially available headsets as a replacement sound source for either of the pair of Sub-Units.
- External control input terminal of MUTE IN allows easy muting microphone for Sub-Unit or Headset which is connected to input A.

5. INSTALLATION PRECAUTIONS

- The supplied AC adapter and power cord are designed exclusively for use with the NF-2S system. Do not use these to power any other devices than the NF-2S system.
- Use the supplied dedicated cables for connection between the Base Unit and the Sub-Units.
- The supplied dedicated cables are exclusively designed for use with the NF-2S. Do not use them with any other devices than the NF-2S system.
- Do not connect any external devices to the Base Unit other than the Sub-Units, compatible headsets or the optional Distributor.

6. INSTRUCTION MANUAL GUIDANCE

For more details regarding the operation of the NF-2S Window Intercom System, such as installation or types of usable headsets, please refer to the instruction manual, which can be downloaded from the URL or QR Code shown below.

* “QR Code” is registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.



FCC REQUIREMENTS

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Modifications

Any modifications made to this device that are not approved by TOA Corporation may void the authority granted to the user by the FCC to operate this equipment.

DECLARATION

Any modification to the unit, unless expressly approved by TOA Electronics, Inc., could void your authority to operate the equipment.

DECLARATION OF CONFORMITY

TOA Electronics, Inc.
1 Harmon Plaza, Suite 700 Secaucus, New Jersey 07094, USA
TEL 650-452-1200

declare under our sole responsibility that the product
WINDOW INTERCOM SYSTEM NF-2S 3CU

comply with Part 15 of FCC Rules.
Operation is subject to the following 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.

Traceability Information for USA

Manufacturer: TOA Corporation 7-2-1, Minatojima-Nakamachi, Chuo-ku, Kobe, Hyogo, Japan	Authorized representative: TOA Electronics, Inc. 1 Harmon Plaza, Suite 700 Secaucus, New Jersey 07094, USA
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