



NF-2S System

Window Intercom System



Ensure your voice is
clearly heard through
the counter shield



NF-2S WINDOW INTERCOM SYSTEM

Two-way talk enhancement system for intelligible natural conversations through a glass partition

In order to ensure the greatest possible health protection for the employees, glass partitions are set up for direct customer contact at many reception desks, ticket counters, gatehouses, hotel receptions, concert box offices or patient receptions in surgeries.

So, 2 people wearing masks speak with each other through this glass partition and no one understands the other.

What can be done?



Thanks to full-duplex support, TOA's NF-2S window intercom system provides a natural, easy-to-understand, and high-quality two-way communication. With powerful DSP for echo and noise cancellation, the NF-2S system is an all-in-one solution with easy set-up, even for end users without technical expertise. The flexible system is customisable for the operator using a headset for enhanced hearing quality.

What is a window intercom system?

The NF-2S Window Intercom System is a set of communication devices designed to make conversations easier when a partition or face mask gets in the way. It consists of 2 sub-units and a base unit. The sub-units are connected through magnets with each other. When dealing with customers or passengers, the staff personal wants to exchange audio communications with stable sound and high-quality speech intelligibility.

The sub-units are connected to the base unit, where the volume functions can be easily adjusted for each channel - the operator and the client.

The NF-2S communication system is a stand-alone product set with optional accessories to enlarge the flexible and easy use in everyday applications.



NF-2S WINDOW INTERCOM SYSTEM BENEFITS

Small and compact - with discreet design

The small and lightweight design consists of sub-units that are very lightweight and equipped with magnets, so they can easily stick together on an acrylic or glass partition without brackets or other metal fittings. You need no tools to set up this system at any work place. The installation is simple and easy to set up, also for all employees with no specific technical knowledge - and flexibly remountable, thanks to the magnets.



Both channels are separately controllable by the operator

The NF-2S provides 2 channels, one for the operator and one for the client (A and B). Both can be separately controlled at the base unit (Mute and Volume). The operator channel can additionally be muted by an external remote device.

Enhance the clarity of speech in challenging sound environments

The “TOA Voice Lift” enables the compensation of the loss of high frequencies caused by wearing a mask during conversation.

The “Low Cut” function enhances the clarity of the speech in difficult or muffled sounding places. The operator can also use a headset for enhanced hearing quality. Ideal for situations where clearest conversation is essential.



Extendable system matching perfectly with any required application

The NF-2S communication system is suitable for various types of situations offering flexible set-ups. The system can be freely adapted to the requirements, maximum is 3 x 3 sub-units. An extension set provides a flexible line-up: additional sub-units and distributors can enlarge the communication system as needed.

NF-2S SYSTEM ACCESSORIES AND SPECIFICATIONS



The NF-CS1 extension package consists of a supplementary sub-unit, a distributor and 2 cables.



The option of a longer cable (YR-NF5S) of 5 m gives more set-up possibilities.

SPECIFICATIONS

NF-2S

Power source	100 - 240 V AC, 50 / 60 Hz use of the supplied AC adapter
Current consumption	0.2 A
Rated output	1.7 W
S/N ratio	73 dB or more (volume: min.) 70 db or more (volume: max.)
Audio input	Base Unit: mic input, -30 dB, 3.5 mm mini jack (4P), phantom power supply
Audio output	Base Unit: 16 Ω, 3.5 mm mini jack (4P)
Control input	Base Unit: External mute input: No-voltage contact inputs Open voltage: 9 V DC or less, short-circuit current: 5 mA or less Push-in terminal block (2 pins)
Indicator	Power indicator LED, Signal indicator LED
Operating humidity	85 % RH or less (no condensation)
Operating temperature	0 °C to +40 °C (32 °F to 104 °F)
Finish	Base Unit: Case: ABS resin, white, paint Panel: ABS resin, black, paint Sub-Unit: ABS resin, white, paint
Dimensions	Base Unit: 127 x 30 x 137 mm (W x H x D) Sub-Unit: 60 x 60 x 22.5 mm (W x H x D)
Weight	Base Unit: 225 g Sub-Unit: 65 g (per piece)
Accessory (included)	AC adapter x 1, Power cord (1.8 m) x 1, Dedicated cable (4 pins, 2 m) x 2, Metal plate x 2, Rubber foot for Base Unit x 4, Mounting base x 4, Zip tie x 4