

Intercommunication System

INTD0906 / INTD0913



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GENERAL WARNINGS

GENERAL REMARKS

Please pay close attention to the warnings in this section, as they provide important guidelines for safe installation, proper use, and maintenance of the product.

The appliance must be used exclusively for its intended purpose. Pelekis Electronics cannot be held responsible for any damage resulting from improper use.

The product has been designed in compliance with relevant standards. Installation must be carried out in accordance with these standards and within compliant installations.

Before performing any interventions (cleaning, maintenance, connection, etc.), disconnect the appliance from the main power supply and the battery.

For any repair work, please contact our after-sales service, in Pelekis Electronics or your Local Distributor, exclusively.

Ensure that the product is installed according to the prescribed instructions.

Do not introduce objects, liquids, or dust into the product, and do not use sprays inside the product.



Electrical equipment must be compulsorily recycled according to Directive n°2012/19/EU relating to waste electrical equipment and Electronic (WEEE).

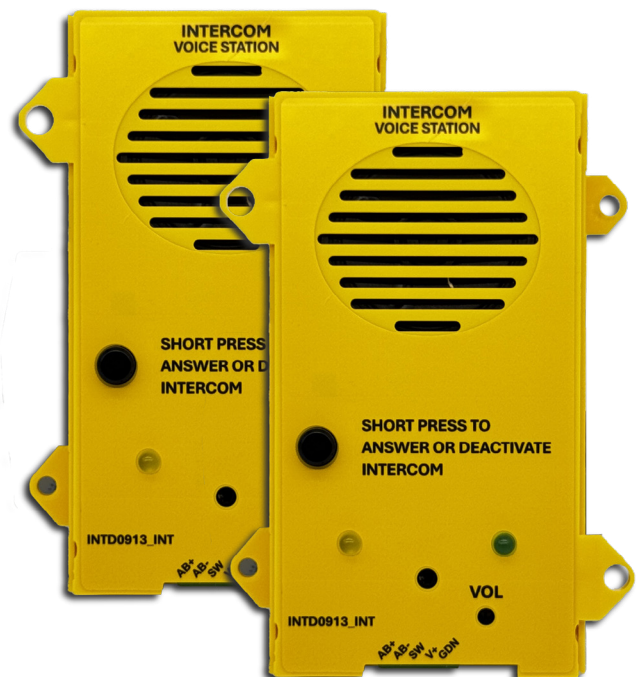
DESCRIPTION

Intercommunication System is an EcoSystem consist of the INTD0913_INT (Intercommunication Station Unit) and INTD0906 (Intercommunication Control Unit) for enabling intercommunication in the lift enviroment. The devices operate over a 4 Wire Audio Bus (4WAB) cable and can offer 2-way inter-communication between every unit connected on the bus using 2 Way full duplex hands-free operation. Unit is designed to be used only from trained personnel in the shaft and not to normal passengers of the Cabin.

Intercommunication Unit



Intercom Voice Stations



MAIN FEATURES

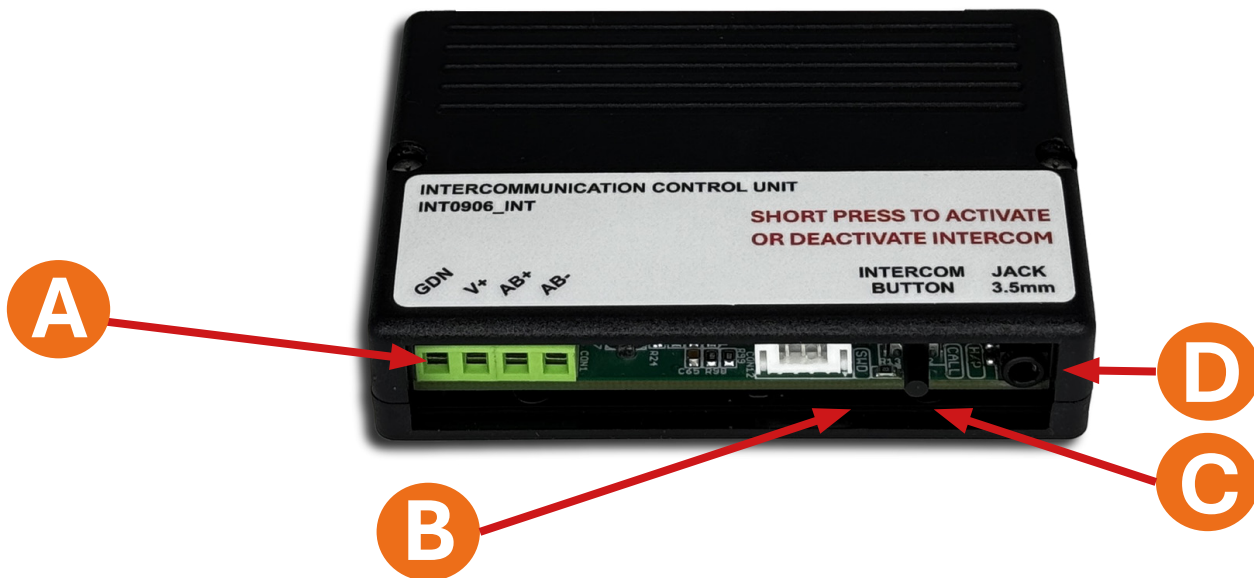
Intercommunication Control Unit / Machine Room

- Only 4 Wires connection to the Intercommunication Audio Bus (4WAB)
- 1 x Intercommunication Activation Button (IAB)
- 2 x Intercommunication Activity LED
- 2-Way Headset Communication

Intercommunication Station Unit

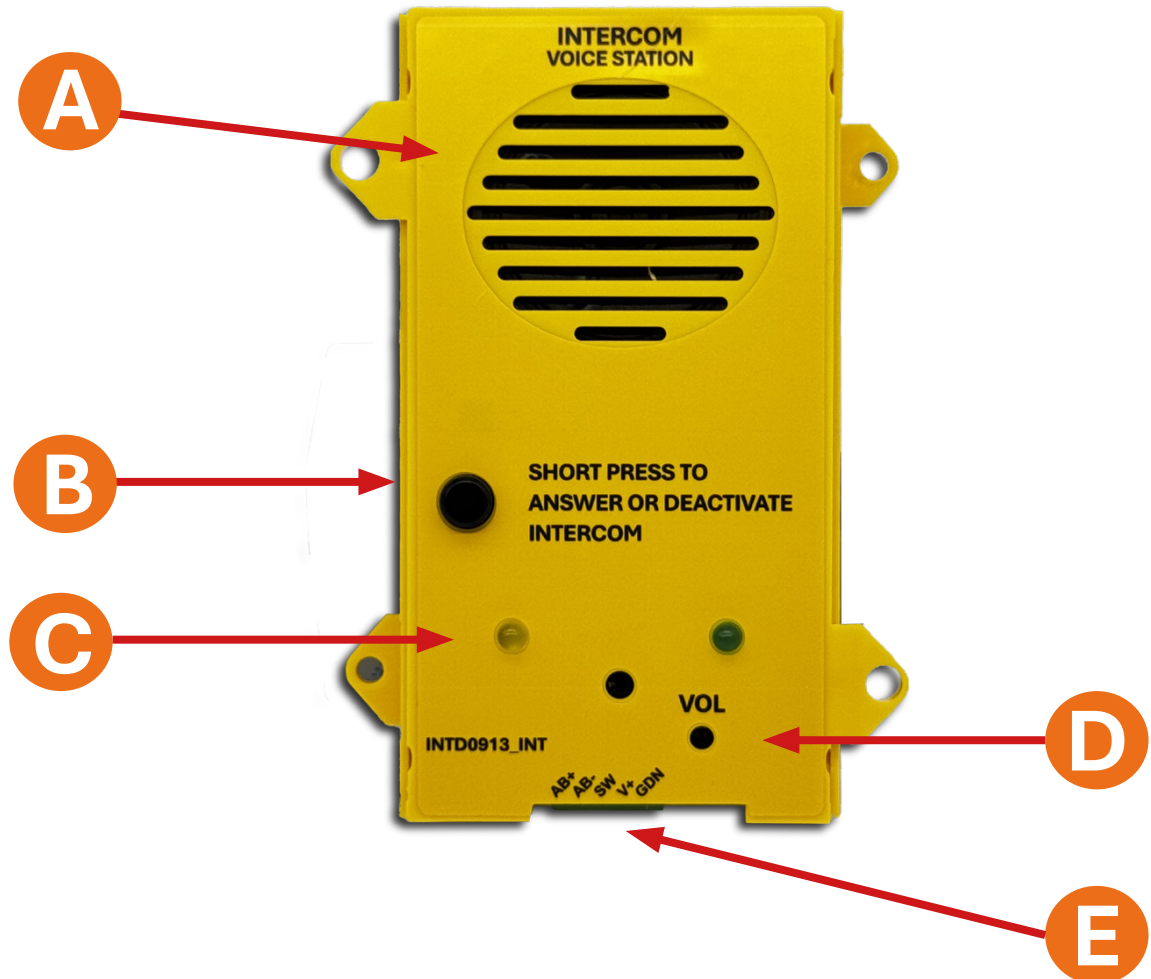
- Only 4 Wires connection to the Intercommunication Audio Bus (4WAB)
- 1 x Intercommunication Activation Button (IAB)
- Ringing on Intercommunication Request
- 2 x Picto LEDs
- 2-Way Handsfree Communication

Intercommunication Control Unit Machine Room



- A** IO Connector
- B** LED Status
- C** Intercommunication Activation Button
- D** JACK 3.5mm (Headphones)

Intercommunication Voice Station



- A** Speaker
- B** Microphone
- C** LED Status (Yellow Green)
- D** Volume Control
- E** IO Connector

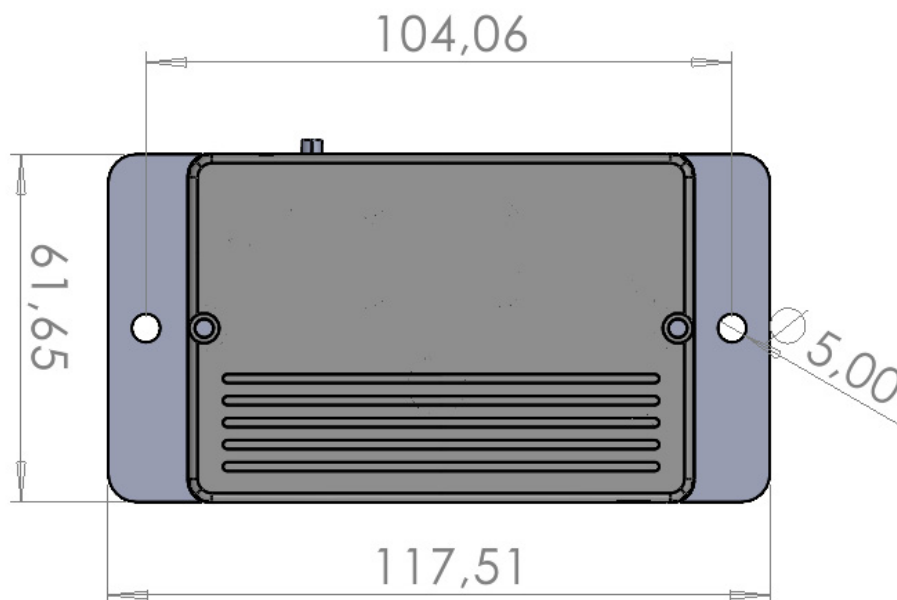
INSTALLATION

Intercommunication Control Unit

1 Mount

Place the Intercommunication Control Unit in the lift machine room and according the local authorities instructions and regulations.

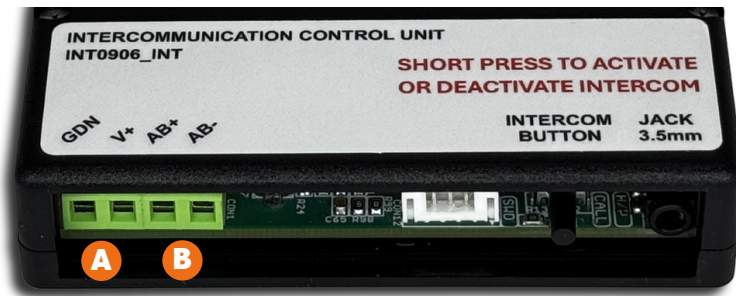
- Create wall space in order to fit the Intercommunication Control Unit in the wall.
- Drill 2 holes of 3mm in diameter on the wall, after you have marked with the device.
- Insert 2 dowels in the holes and tighten 2 screws, 1 on each dowel.
- Place the Intercommunication Control Unit, through the holes, on the screws.



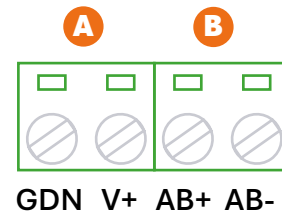
INSTALLATION

Intercommunication Control Unit

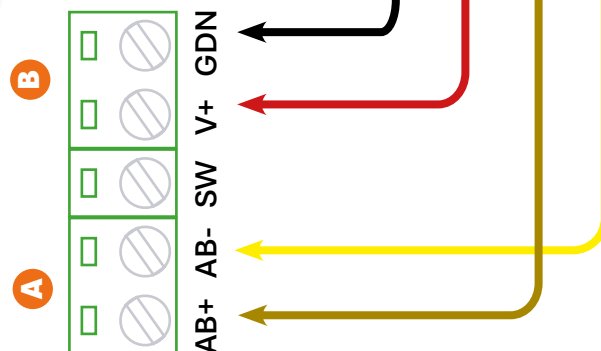
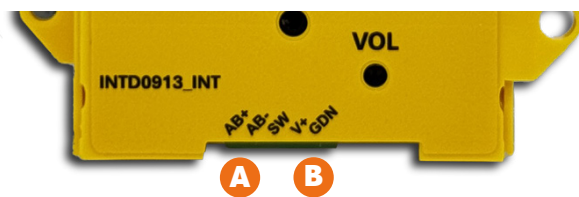
1.1 Wiring Intercommunication Control Unit



Intercommunication Control Unit



Intercommunication Voice Station



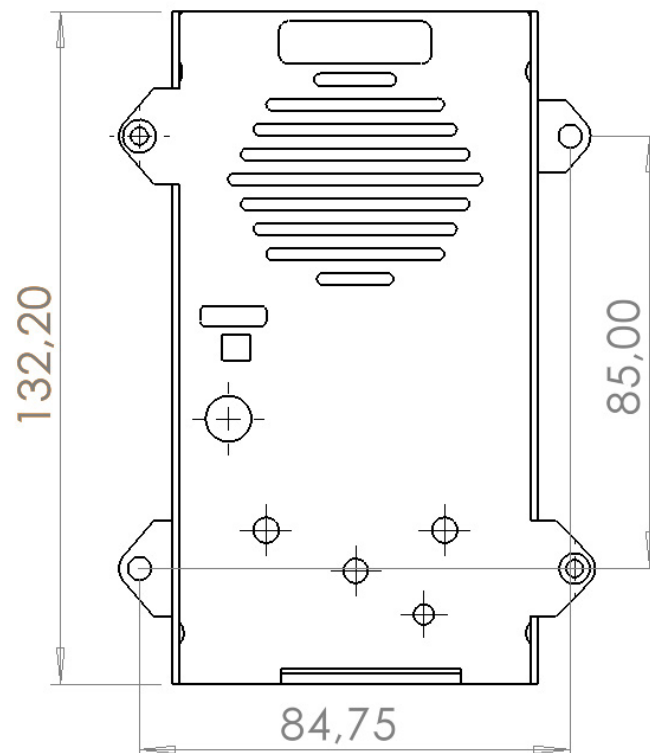
INSTALLATION

Intercommunication Voice Station

1.2 Mount

Place the Intercommunication Voice Station according the local authorities instructions and regulations.

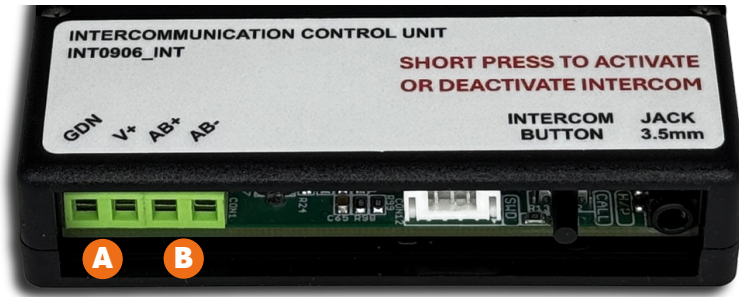
- Create wall space in order to fit the Intercommunication Voice Station in the wall.
- Drill 2 holes of 3mm in diameter on the wall, after you have marked with the device.
- Insert 2 dowels in the holes and tighten 2 screws, 1 on each dowel.
- Place the Intercommunication Voice Station, through the holes, on the screws.



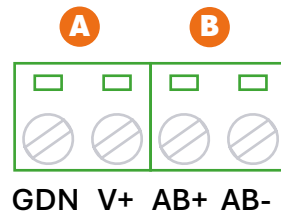
INSTALLATION

Intercommunication Voice Station

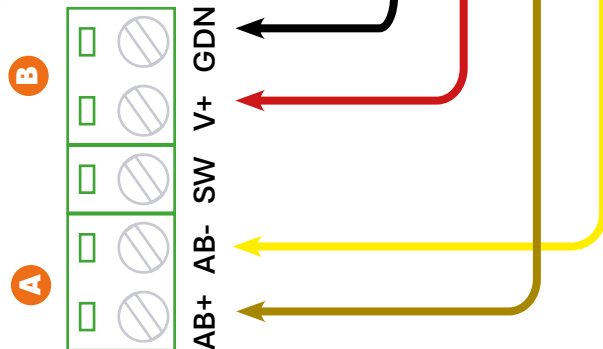
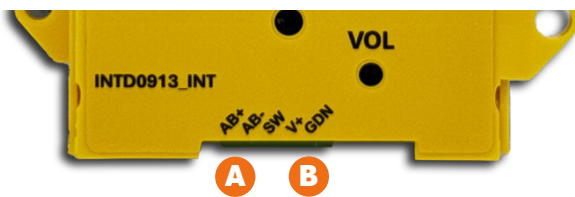
1.3 Wiring Intercommunication Voice Station



Intercommunication Control Unit



Intercommunication Voice Station



OPERATION

Intercommunication Control Unit

2 Intercommunication Operation

A Initiating Intercommunication Operation

Pressing the Activation Button (IAB) button for a short period (about 1 Second) will initiate an Intercom request on the bus and will force the device to remain in Intercom mode until operation is terminated from user.

B Communication during Intercommunication Operation

After Intercommunication request have been received from the unit, user shall press the Intercommunication Activation Button(IAB) instantly and the unit will be directly connecting its microphone and its speaker to the Intercom Bus.

Pressing again the IAB will disconnect the microphone and speaker from the Intercom Bus.

C Terminating Intercommunication Operation

Intercommunication Control Unit is the only responsible to break and terminate the Intercommunication Operation. When this happens, all Intercommunication units will instantly close and will remain in off state.

OPERATION

Intercommunication Station Unit

2.1 Intercommunication Operation

A Initiating Intercommunication Operation

Intercommunication Control Unit will initiate the Intercommunication request and all Intercommunication enabled device connected to the bus will be requested connection.

After Intercommunication request have been received from the unit, three (3) rings will notify user that intercom is enabled by the Intercommunication Control Unit.

B Communication during Intercommunication Operation

After Intercommunication request have been received from the unit, user shall press the Intercommunication Activation Button(IAB) instantly and the unit will be directly connecting its microphone and its speaker to the Intercom Bus.

Pressing again the IAB will disconnect the microphone and speaker from the Intercom Bus.

C Terminating Intercommunication Operation

Intercommunication Control Unit is the only responsible to break and terminate the Intercommunication Operation. When this happens, all Intercommunication units will instantly close and will remain in off state.

LED Signaling

3 Intercommunication Control Unit Signalling

FIRECOM STATUS LED	STATUS Description
OFF	Standby
ON	Firecom Mode Activated

3.1 Intercommunication Station Unit Signalling

GREEN LED	YELLOW LED	STATUS Description
OFF	OFF	Standby
OFF	BLINK 50ms/50ms	Firecom requested but not answered from local switch.
ON	ON	Firecom Mode Activated

Notes

A large rectangular area with a dotted border, intended for handwritten notes.

Warranty and Technical Support

The Intercommunication Unit / Station (INTD0913_INT) comes with a comprehensive 5-year warranty, ensuring peace of mind and reliable performance.

We are committed to providing lifetime technical support for our customers. For assistance, you can contact your local distributor or reach out directly to Pelekis Electronics.

For technical support or any inquiries, please contact us at:

Pelekis Electronics

Email: info@pelekis.eu

Phone: +30 210 23 23 345

Website: www.pelekis.tech

We are dedicated to helping you with any questions or issues you may have regarding your Intercommunication Unit / Station (INTD0913_INT)

Thank you for choosing Pelekis Electronics.

