

V-IU INTERCOM UNIT

SAFETY AND ACCESSIBILITY SYSTEMS

Increased safety measures to protect drivers are an essential part of making public transport safer for everyone, but with new safety procedures come new challenges. The implementation of secure screens and full cab encapsulation to protect drivers against attacks and Covid transmission is necessary to reduce staff absences. However, this also means that communication between drivers and passengers can be more difficult, especially for those with hearing difficulties.

The Forman V-IU Intercom Unit is designed to make communication between passenger and driver at the bus entrance platform easy, without compromising on safety.

The Forman V-IU enables clear two-way communication between the driver in the cab and the passenger at the entrance platform. The unit fits seamlessly into the vehicle with flush-fit or surface-mounted speakers and microphones positioned either side of the protective screen.



Enhanced communication

The intercom unit enables clear communication between driver and passengers, maintaining unobstructed vision.



Tailored configurations

Push to talk or hands-free configurations are available, with flush-fit or surface-mount speakers and microphones.



No maintenance required

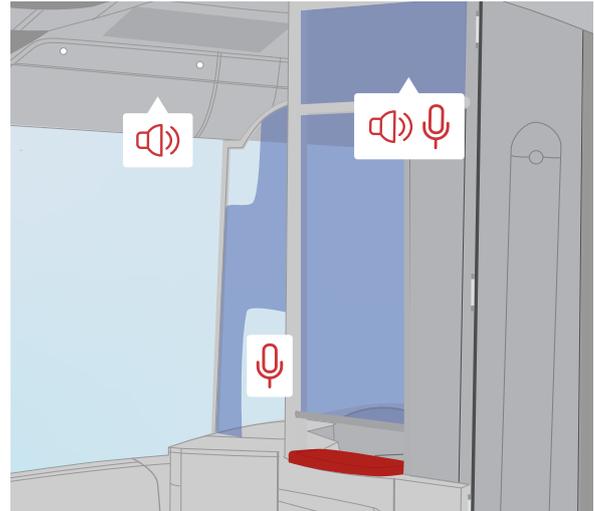
The intercom unit is easy to install with a simple set-up procedure. Once installed, no replacement parts are required.

How Does V-IU Work?

The flush-fit or surface-mount speakers and microphones are positioned at either side of the protective screen for optimal two-way communication between the driver and passenger.

Through the control unit the driver can adjust the speaker volume if required. An LED is used to signal that the system is in use.

The system meets the stringent EMC requirements regarding its electromagnetic compatibility, and is CE marked. The Intercom Unit is easy and quick to install or retrofit with a simple setup procedure.



Key Technical Specification

Supply Voltage	10 V to 30 V (32 V tolerated) 1" NPT
Current Consumption	For normal conversation: typically, less than 200 mA at 28 V and 400 mA at 14 V.
Indicator LED	Indicates the presence of power. The control input has no effect on this.
Microphone Inputs	2 Input impedance: 2 k Ω Recommended microphone: electret condenser; 3.5 mm mono jack plug; line powered, taking less than 0.5 mA. Power supply: VSIS applies a 4 V bias to the jack's tip to power the microphone.
Speaker Outputs	2 Recommended speaker: 4 Ω , 8 W An 8ohm speaker may be used but will give lower audio volume.
Control Input	1; low-side switched. The intercom is ON while this input is connected to GND.

For the complete technical specification and operating instructions, please contact Forman.

To find out how we can help you enhance the safety of your vehicles, call us on

+44 (0)1423 574002

Forman
a division of Ardent Limited
Unit 3 Becklands Close,
Bar Lane, Roelcliffe, York
North Yorkshire, YO51 9NR, UK

T +44 (0)1423 574002
E enquiries@formanvehicleservices.com
W www.formanvehicleservices.com

FORMAN
A division of Ardent Limited