

V-IU

INTERCOM UNIT

Increasing safety measures to protect drivers is an essential part of making public transport safer for everyone, but with new safety procedures come new challenges. The implementation of new secure screens for drivers to sit behind means that communication between driver and passenger can be more difficult.

The Forman V-IU Intercom Unit is designed to facilitate communication between passenger and driver at the bus entrance platform.

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



Two-way communication

The unit is designed to enable clear communication between driver and passengers through microphones and speakers.



Hands-free operation

The intercom unit is operated hands-free, making the V-IU safe and easy to use when the vehicle is in operation.



Adjustable volume levels

The V-IU offers adjustable volume, allowing the driver to adjust the volume level in case of increased or reduced background noise.

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)
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 Vehicle Services.

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