

Passenger Information Systems (PIS)

Amplifier For Bus

GYM 24IBF



Professional Amplifier specifically designed for interfacing with smart PIS (passenger information systems).

This universal smart amplifier can communicate directly with most PIS and FMS to allow high-quality automatic announcements (internal and external) upon reaching a specific station. In addition, Driver's Microphone (MicroVox or Gooseneck) can be connected to the amplifier.

VOIP (voice over IP) channel is also available

Upgrade your bus's passenger information system with our PIS amplifier for buses. This high-quality amplifier ensures clear and reliable audio for announcements and passenger communication.

The system was developed specifically for buses that use fleet management systems (FMS) or passenger information systems (PIS) to automatically transmit internal and external announcements.

This smart amplifier integrates fully and easily with the vehicle fleet management system (FMS) or passenger information system (PIS). It enables a high-quality (internal & external) announcement of the pre-programmed messages (for example, the station's name when arriving at a particular station).

In addition, a Driver Microphone (MicroVox or Gooseneck) can be connected to the amplifier.

Primary Benefits:

Universal inputs – easy integration to all types of FMS/PIS.

Priority for automatic announcements over the driver microphone.

Dedicated input for VOIP messages

Excellent audio quality

Direct operating voltage 12V / 24V

Lightweight and small device

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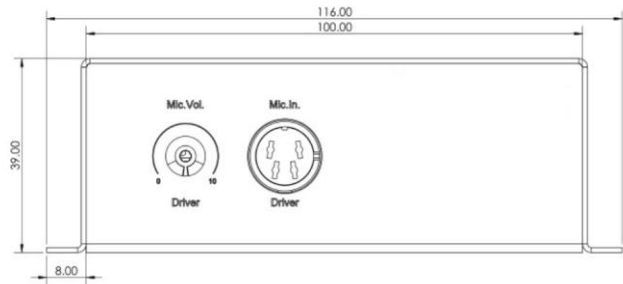
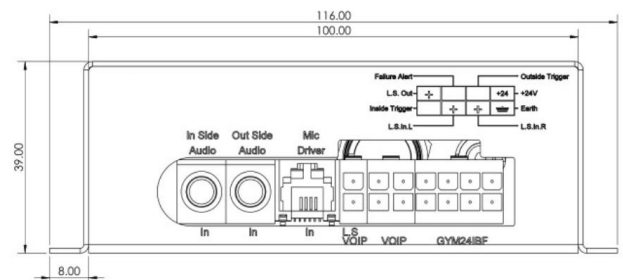
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Power supply:	12-24 V +/- 20% (negative to ground)
Max. power consumption:	5 A
Max. power output:	4 x 35W
Continuous power output:	4 x 18 W (1% dist. a 1 kHz)
Output impedance:	Between 2 – 8 Ohms (normally 40hms)
Dimensions:	75 x 950 x 40 mm
Net weight:	0.4 kg

MICROPHONE INPUTS

An independent input:	MicroVox or flex neck microphone (priority)
Normal input:	1.5 mV (R.M.S.)
Input impedance:	2 kOhms
Bandwidth:	300 Hz – 4000 Hz (-3 dB)
Signal / noise rate:	>40 dB



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