

HF-SAT-105-14

Audio Amplifier

Features

Bi-directional Audio Amplifier, for AVL, fleet management and car satellite alarm. Compatible with all GSM engines available in the market. Easy to install.

The embedded possibility to operate, either in differential or single ended input mode, makes it suitable for boosting all GSM engines, without any loss of the audio performances. Moreover it allows a full duplex communication.



Characteristics

Electrical

Power Supply: 12 to 24 Vdc
Max power out: 1A
Stand-by mode: ≤ 10 m
ON - OFF Command

Loudspeaker

Power audio out: 5W Peak
THD: $< 5\%$ @ Pk
Audio Bw: 300 - 3400 Hz
SPL Max: 86 ± 3 dB

Microphone

Uni-Directional, back erasing type
Sensitivity: -37 dBV/Pa ± 3 dB
Audio Bw: 100 - 10000 Hz ± 10 dB



MIC 97



Optional features

Handset type HA-FW-000-00 for private conversation, with hook function

Audio Interface

Audio in: (from GSM module) ≤ 900 mVrms
Nominal Impedance: Max 600 Ohm (balanced)
Audio out: (to GSM module) ≤ 230 mVrms
Nominal Impedance: Lz (balanced)
Internal buzzer driven by ring indicator

Environmental

DHF main unit

Weight (With speaker): 250 g
Dimensions (box): 74x74x47 mm
Max. temperature range: -20 $+70$ °C
Max Rel. Humidity: 90% (not cond @40°C)

Junction box

Dimensions: 57x57x28
Cable lenght: 5m
System interface conn.: SUB-D M 15 pin



Handsfree Family