



ViS-A

Vehicle Intercom System – Armoured



ViS-A is a lightweight, ruggedized, portable 2 wire voice communication equipment for use as vehicle intercom for armoured and military utility vehicles.

APPLICATION

- Designed to meet specialist vehicle crew communication requirements.
- Best suited for HMV, GTV, APC, ARV, QRFV, LAMV AFV, Military Ambulance and Emergency Services Vehicle.

FEATURES

- Push to Talk enabled handset
- Both, LED and audio indication for incoming call
- Operates on 12V/24V DC power input
- Provision of Standard batteries (3 × 1.5 V, C-type)
- Internal Battery indication with LED
- Ring Generation on pressing the Call Button
- Ruggedized, weather proof as per MIL standards

DESIGN

- In accordance with military requirements for use in harsh environments
- Simultaneous ring and voice from one to all connected ViS-A units

- Provision for connecting H-350/U type handset
- Designed to be used on dashboard or wall mounting (through additional fixtures)
- Alluminium diecast to withstand extreme field conditions



Technical Data

- Handset / Headset : MIL Grade H-350/U MIL
- DC Input : 12V/24V DC Power input

Electrical Data

- Transmission Length : Up to 15 km
Up to 15 km (Using standard field cable WD-1 or equivalent)
- Incoming Ring Sense : > 18 V RMS, 25 ± 2 Hz t
- Incoming Ring Indication : Visual – LED
Audio – Buzzer
- Ringer Voltage Generation : 30-105V RMS , 25 Hz ± 2 Hz, continuous operation
- Voltage Parameter : 12V/24V DC
4.5 V Internal Battery

Environment Data

- Operating Temperature : -30°C to +55°C
- Storage Temperature : -40°C to +71°C
- Relative Humidity : 95 % (+30°C to +60°C)



Reliability

- MTBF : > 100000 hours

References

- Temperature and Mechanical Stress : MIL-STD-810G
JSS 55555
- EMI / EMC : MIL-STD-461E
- ESD : EN-61000-4-2
- Lightening : EN-61000-4-5

This publication is not to be regarded as a complete system specification, or to be used as a contract document.

We reserve the right to change the design or specifications without prior notice.

