

# Military Intercom System TA-1066

Hands-free Noise cancellation Intercom System. MIL-STD 810E Compliant

# TA-1066



## Product Description:

The Military Intercom System TA-1066 is a four-station open intercom system which has been specially designed for locations with high levels of background noise. It can be used in a tactical communication system by ground, airborne and seaborne forces.

The Military Intercom System TA-1066 is a full duplex intercom that can operate in two modes: either hands-free or via a handset or a headset. It allows communication with noise reduction between its stations. Using Digital Signal Processing (DSP) technology, unwanted background noise and interference picked up in the communication is removed from the signal to leave clear speech.

The Military Intercom System TA-1066 is housed in a die-cast metal enclosure and is resistant to weather, water immersion, humidity, temperature extremes, vibrations and bounce. It has been designed for easy operation through the front panel which allows the operator to select different methods of operation, to control the volume, to control the DSP noise cancellation, and to send alarm signals and voice commands.

## Basic station electrical characteristics:

- Voltage operation: 18-32 V DC
- Typical voltage - 24 V DC
- Current consumption (1 unit) – max. 400 mA
- Audio power output, speaker (hands-free mode) 1.5 W
- Audio power output, handset - > 103 dB SPL
- Noise reduction 9 - 35dB
- Tone reduction 4 - 65dB
- Talk button - to allow conversation, P.T.T. mode
- Mode switch - hands-free P.T.T. or using MIL-STD headset/ handset
- Installation – 4 wires between stations
- Volume control switch.
- DSP (Digital Signal Processing) level control switch: HI/ LOW/ OFF
- LED power supply
- Distance between stations: 3-250 meters.
- 4 stations to one network

## MIL-STD Compliant:

Temperature, Vibration, Humidity operation/storage - MIL-STD 810E Compliant

## MIL-STD Connectors:

Power/ Audio Connector (2 port ) – D38999 - MIL-STD Connector  
Handset Connector - U-229/U MIL-STD connector

## Temperature operation:

-30 to +70 C

## Net weight:

2.1 Kg

All right reserved (C) 1995-2007 Peryphon Ltd  
10 Hamelacha St., block 209, New Industrial Park Rosh-Ha'ayin 48091 Israel  
TEL: 972-3-9025682 FAX: 972-3-9025684 E-mail: peryphon@zahav.net.il

**PERYPHON LTD**  
[http:// www.peryphon.co.il](http://www.peryphon.co.il)