

# Dislocated communication interface

## ODM-1

### User & Service Manual



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v1.0 04.07.2017

## 1 Introduction

Dislocated communication interface (ODM-1) allows communication via mobile radio from a remote location. Usually this is a firefighter vehicle pump, but it can also be used in other locations where a radio station is not easily accessible.

The device features a high-quality microphone for clear audio and a loud speaker suitable for noisy environments. Volume can be adjusted with volume knob. ODM-1 is robust, simple to use and suitable for long-term use in most demanding work conditions.

ODM-1 can be ordered with loud speaker or with a connector for headphones.

## 2 User manual

ODM-1 is made of 3 parts: Control device, microphone and horn speaker. The user sets the volume using the knob on the control device. By pressing the PTT button on the microphone one can transmit.

## 3 Installation instructions

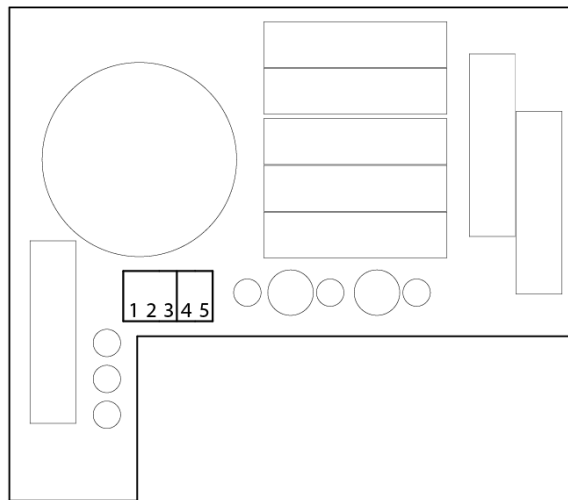
There are 3 parts of ODM-1 to install into a vehicle: Control device, Microphone holder and Horn speaker.

Control device installation:

1. Unscrew and remove the volume knob.
2. Remove the cover of the housing.
3. Attach the housing on desired location.
4. Cover the housing.
5. Put back the volume knob.

## 4 Wiring

Connection scheme for ODM-1:



Motorola GM300 and DM2600 radio station (HLN9457A connector):

PCB Pin	ACC Pin	Color	Signal
1	2	White	Mic
2	7	Brown + Shield	GND
3	3	Yellow	PTT
4	1	Gray	Speaker -
5	16	Green	Speaker+

Motorola DM4000 radio station (PMLN5072 connector):

PCB Pin	ACC Pin	Color	Signal
1	11	White	Mic
2	16	Brown + Shield	GND
3	17	Yellow	PTT
4	9	Gray	Speaker -
5	10	Green	Speaker+

## 5 Technical information

**Housing size:** 106\*80\*38 mm(lenght\*width\*depth)

**Microphone:** Motorola

**Speaker:** Horn speaker, 10 W 8 OHM