

# ML56-G GPS Speaker Microphone

Electret Speaker Microphone  
With Integrated GPS Module, PTT and  
Alert Buttons, Volume Switch and  
External Headset Port

## Part Number:

7321-056-500-51



## Characteristics

- Solid plastic housing
- Durable spiral cable
- Large PTT and Message Button
- Microphone preamplifier
- Speaker volume switch
- Headphone jack
- Automatic transfer of GPS coordinates of the device
- 360° rotatable clip

## Scope of Delivery

- Speaker microphone with spiral cable
- Integrated 360° rotatable clip

## Options (minimum order required)

- Minor modifications and individual adaptations on request
- Individually definable Message Button on request

## Application Range

- Compatible with portable Kenwood NX-1000 series radios

## Specifications

### General

Housing	PPO plastic, black
Dimensions	Height 85 mm, width 65 mm, depth 32 mm (without cable) Height 125 mm, width 65 mm, depth 41 mm (with cable)
Weight	185 g (6.5 oz)
Connection	5-wire, halogen-free spiral cable, shielded, draw length max. 0.9 m.,
Operating and display elements	Combined Jack 3.5 stereo and Jack 2.5 mono 2 Buttons (PTT, Alert) and High/Low Volume select switch Connector for headphone
Storage Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Supply Voltage Maximum	4.5 V to 6V
Current Consumption	100 mA
Nominal Current	30 mA
Consumption Technology	GPS, BDS navigation systems

### Microphone

Sensitivity	Microphone Output Sensitivity (at 2 k $\Omega$ load): 30 mV/Pa
Impedance	Microphone Output Impedance (at 1 kHz): 100 $\Omega$ ± 20%

### Speaker

Impedance	8 $\Omega$ ± 20%
Maximum Output	1W (nom.) / 2W (peak)