


1023533511

## EMMAX-1H

Handheld Industrial EX Microphone For Exigo/Turbine



 ICX-AlphaCom

 Exigo

### DESCRIPTION

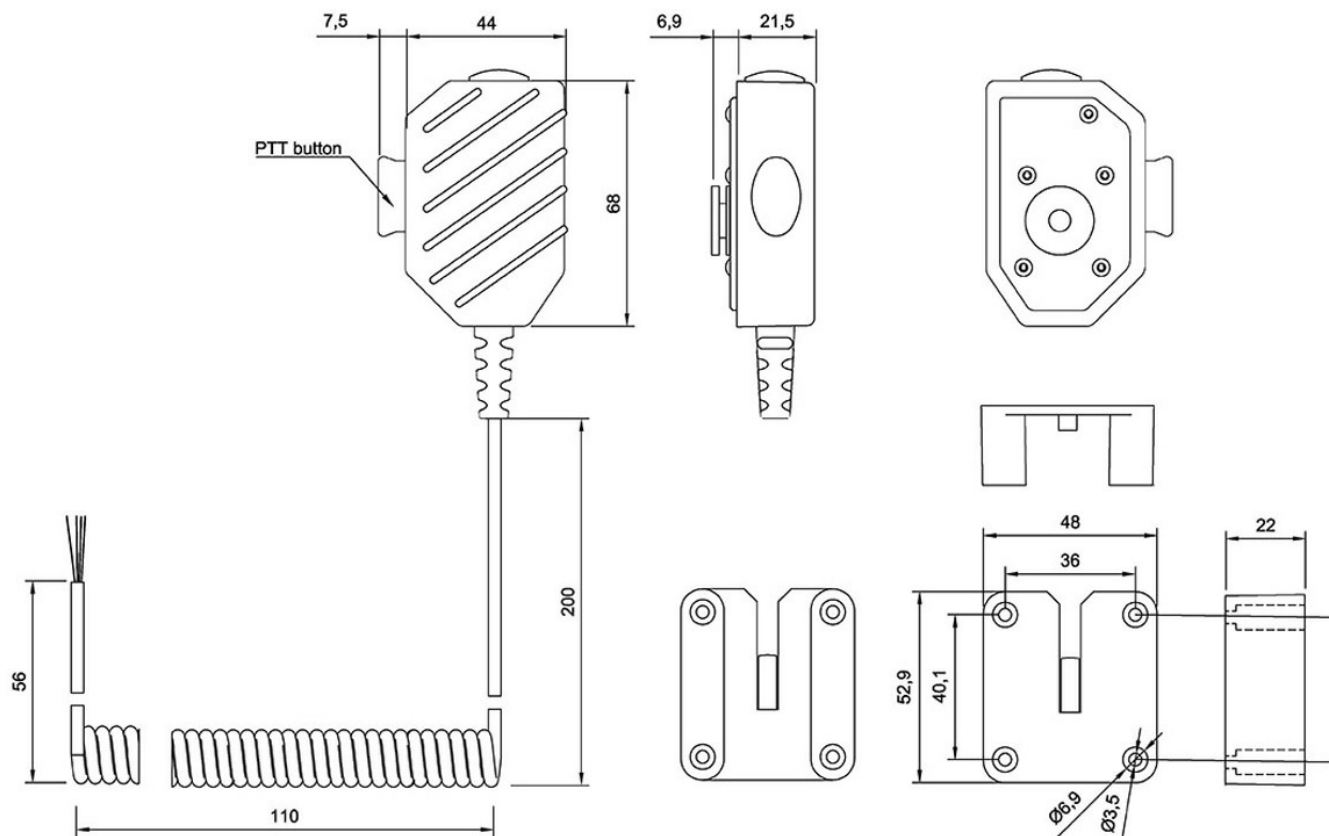
- Handheld microphone for Ex applications
- PTT key
- Noise cancelling microphone
- High quality digital background noise reduction
- IP66 Rating
- Low smoke and halogen free cable
- Designed for Exigo Ex access panels & Turbine Ex explosion-proof intercom stations

The EMMAX-1H is a handheld microphone developed specifically for the Ex range of Vingtor-Stentofon Turbine and Vingtor-Stentofon Exigo devices. The small form factor and excellent ergonomics complement the outstanding audio quality. The bracket (included with microphone) allows the microphone to be mounted on the side of the device's wall box, or on an adjacent surface.

## SPECIFICATIONS

<b>MECHANICAL</b>	
Dimensions (WxHxD)	44 x 68 x 21,5 mm
Weight	0,220 kg
Cable length	0,75 m (contracted) / 2 m (extended)
Bracket	Included
Surface	High friction, Rubberized
<b>ELECTRICAL</b>	
Microphone sensitivity	-43 dB ± 3 dB at 1kHz ( 0 dB = 1 V/Pa ) VDD=2 V RL=15 kΩ
Directional Characteristic	Non-directional
Impedance	1.1 kΩ ± 30% at 1kHz ( RL=15 kΩ )
Phase	-179 deg ± 15 deg at 30Hz
S/N Ratio	68 dB typ. at 1kHz ( 1Pa, A weighted network )
Operating Voltage	2 V (1 V ~5 V )
Current Consumption	110 µA Max. ( VDD=2 V RL=15 kΩ )
Max Input Sound Pressure Level	128 dB S.P.L. typ. ( 1 kHz, THD = 3 % )
Operating Temperature	-40° C - + 95° C
Storage Temperature	-40° C - + 105° C
<b>ENVIRONMENTAL</b>	
IP Rating	IP66
<b>COMPATIBLE EQUIPMENT</b>	
Exigo	Access panels (EAPFX-1 & EAPFX-6)
Turbine	Ex intercom stations (TFIX-1 & TFIX-2)
<b>CERTIFICATIONS</b>	
CENELEC safety standards	EN 60079-0: 2012, EN 60079-11: 2012
IEC safety standards	IEC 60079-0: 2011, IEC 60079-11: 2011
Marking	II 2G Ex ib IIC T4 Gb, -20°C ≤ Ta ≤ +60°C
ATEX certificate	Presafe 14 ATEX 5209X
IECEx certificate	IECEx PRE 14.0029X

## TECHNICAL DIMENSIONS



## USED WITH



1023221516

**EAPFX-6**

Exigo Industrial Ex Access Panel, 6 Buttons



1023221511

**EAPFX-1**

Exigo Industrial Ex Access Panel

1008123020

**TFIX-2**

Ex IP Intercom Station



1008123010

**TFIK-1**

Ex IP Intercom Station



1008123030

**TFIK-3**

Ex IP Intercom Station



1008123040

**TFIK-4**

Ex IP Telephone

