

1023533511

EMMAX-1H

Handheld Industrial EX Microphone For Exigo/Turbine



- 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

DESCRIPTION

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.

Created: 03.07.2014, updated: 02.08.2022

www.ringuk.com

sales@ringuk.com

Zeritel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zeritel products are developed and marketed by Zeritel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zeritel reserves the right to modify designs and alter specifications without notice.

SPECIFICATIONS

MECHANICAL	

MECHANICAL	
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
ELECTRICAL	
Microphone sensitivity	-43 dB \pm 3 dB at 1kHz (0 dB = 1 V/Pa) VDD=2 V RL=15 k\Omega)
Directional Characteristic	Non-directional
Impedance	1.1 k Ω ± 30% at 1kHz (RL=15 k Ω)
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
ENVIRONMENTAL	
IP Rating	IP66
COMPATIBLE EQUIPMENT	
Exigo	Access panels (EAPFX-1 & EAPFX-6)
Turbine	Ex intercom stations (TFIX-1 & TFIX-2)
CERTIFICATIONS	
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

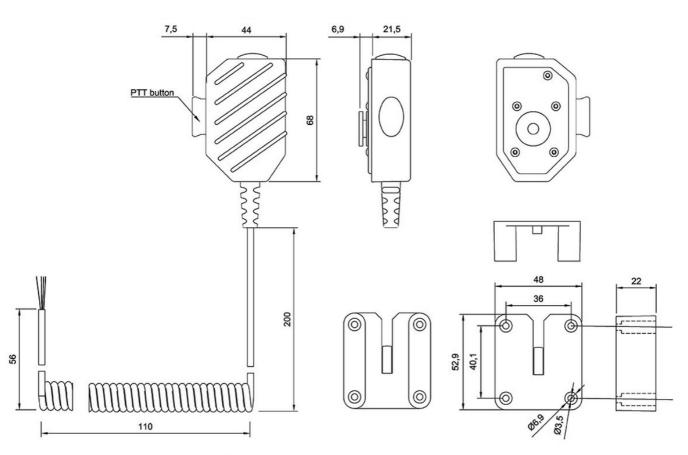
Created: 03.07.2014, updated: 02.08.2022

www.ringuk.com

sales@ringuk.com

Zeritel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zeritel products are developed and marketed by Zeritel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zeritel reserves the right to modify designs and alter specifications without notice.

TECHNICAL DIMENSIONS



USED WITH



1023221516 EAPFX-6 Exigo Industrial Ex Access Panel, 6 Buttons

1023221511 EAPFX-1

Exigo Industrial Ex Access Panel

Created: 03.07.2014, updated: 02.08.2022

www.ringuk.com sales@ringuk.com

Zeritel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zeritel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.



DISCONPINUED

1008123010 TFIX-1 Ex IP Intercom Station

Created: 03.07.2014, updated: 02.08.2022

www.ringuk.com sales@ringuk.com Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

1008123020 TFIX-2 Ex IP Intercom Station





1008123040 **TFIX-4** Ex IP Telephone

Created: 03.07.2014, updated: 02.08.2022

www.ringuk.com sales@ringuk.com Zeritel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zeritel products are developed and marketed by Zeritel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zeritel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

1008123030 TFIX-3 Ex IP Intercom Station



Created: 03.07.2014, updated: 02.08.2022

www.ringuk.com sales@ringuk.com Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.