

Remote Speaker Microphone RSM-EX01SNG-Z1EUR-1EWN...ST



- Extremely long operating times with high voice volume Up to 78 hours
- Outstanding volume and sound performance Up to 103 dB
- Good operability, even with gloves
- Lone worker ready (with Red Button)
- Additional multi-functional buttons and a dedicated SOS button
- 2200 mAh Li-ion battery pack for a long operating time
- Linguistic feedback when changing individual modes
- Magnetic charging cable and optional charging cradle
- IoT Ready: "Custom Service Load" allows individual button settings for sending custom commands to servers and other IoT switches - e.g. to open a gate (only for Ex-Handy 10 Series)

RSM-Ex 01, wired, Zone 1, straight 3.5 mm plug for Smart-Ex 02 &Ex-Handy 10, with Red Button, version for Europe





Technical Data

Indicators/operating means		
Key	PTT button operable with thick gloves Front-facing multi-function button Volume up / down with Red Button	
Audio data		
Sound level	up to 103 dB	
Electrical specifications		
Battery type	Li-lon battery 2200 mAh	
Operating duration	Stand-by time: approx. 80 h Actual use/operating time depending on use and set sound level (See table "Run times")	
Communication		
NFC	yes	
Ambient conditions		
Ambient temperature	-20 55 °C (-4 131 °F)	
Mechanical specifications		
Degree of protection	IP 64 following EN/IEC 60079-0 (ATEX/ IECEx) IP 65 / 67 following EN/IEC 60529 (industrial standard)	
Connection	Socket, 3.5 mm, for headset	
Connector	3.5 mm, 4-pin, straight, Next Generation (Smart-Ex 02 / Ex-Handy 10)	
Cable	coiled	
Data for application in connection with haza	rdous areas	
ATEX approval		
ATEX certificate	IBExU18ATEX1124 X	

ATEX marking

International approvals

Release date: 2020-12-10 Date of issue: 2020-12-10 Filename: 480984-100018_eng.pdf

IECEx approval IECEx certificate IECEx IBE 18.0016X

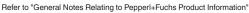
Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64

Ex ib I Mb

Approved for Europe

General information

IECEx marking



Technical Data

Scope of delivery RSM-Ex Battery
Charging cable
Charger
Safety instructions
Documentation

Accessories

- A	EXT-C2LCOIL CLIP2LOOP COIL	Clip2Loop Coil Tether
	MINI QD LOOP	Mini QD Loop
· Will'	RL ID01	Retractable Lanyard
and the second	CC S01-R	Car charger
4	DS RSM 01	Docking station
	TC S02 Travel Charger	Travel charger
	Charging Cable RSM	USB Charging Cable

Release date: 2020-12-10 Date of issue: 2020-12-10 Filename: 480984-100018_eng.pdf

Operation

Run times**

Use time in % with typical user profiles speak/hear/standby	Noisy areas with sound level above 100 dB	Noisy areas with sound level between 84 and 100 dB	Noisy areas with sound level up to 84 dB		
5/5/90	-> 55 h	-> 72 h	-> 72 h		
25 / 25 / 50	-> 28 h	-> 70 h	-> 71 h		
50/50/0	-> 17 h	-> 67 h	-> 69 h		
	Highest noise level (8/8)*	Very high noise level (4/8)*	High noise level (2/8)*		
*There are 8 different volume levels possible. **determined runtimes on the Smart-Ex01 based on RSM-Ex 01 software version V 16					