

Remote Speaker Microphone

RSM-EX01SG1-Z1EUR-1ANN...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 (optional SOS 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, version for Europe

Technical Data

Indicators/operating means	
Key	PTT button operable with thick gloves Front-facing multi-function button Volume up / down without Red Button
Audio data	
Sound level	up to 103 dB
Electrical specifications	
Battery type	Li-Ion 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
Cable	coiled
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	IBExU18ATEX1124 X
ATEX marking	Ⓔx II 2G Ex ib IIC T4 Gb Ⓔx II 2D Ex ib IIIC T135°C Db IP64 Ⓔx I M2 Ex ib I Mb
International approvals	
IECEx approval	
IECEx certificate	IECEx IBE 18.0016X
IECEx marking	Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64 Ex ib I Mb
Approved for	Europe
General information	

Release date: 2020-12-10 Date of issue: 2020-12-10 Filename: 480984-100002_eng.pdf

Technical Data

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

Accessories

	**EXT-C2LCOIL** **CLIP2LOOP COIL**	Clip2Loop Coil Tether
	**MINI QD LOOP**	Mini QD Loop
	**RL ID01**	Retractable Lanyard
	**CC S01-R**	Car charger
	**DS RSM 01**	Docking station
	**TC S02 Travel Charger**	Travel charger
	**Charging Cable RSM**	USB Charging Cable

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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-Ex 01 based on RSM-Ex 01 software version V 16

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