

Data Sheet RSM-Ex 01

Remote Speaker

Microphone for Zone 1/2/1



ATEX



Ⓜ II 2G Ex ib IIC T4 Gb

Ⓜ II 2D Ex ib IIIC T135°C Db IP64



Ⓜ I M2 Ex ib I Mb

Technical Data

Loudspeaker performance	Up to 103 dB			
Power supply	Li-Ion 2200 mAh			
Charging	<ul style="list-style-type: none"> Charging cable and docking station with magnetic charging plug; similar concept to Smart-Ex® 01 or Ident-Ex® 01. A docking station without any electronics and a mounting option for the charging plug. Optical charging level indication (multiple LEDs) 			
Plug	<ul style="list-style-type: none"> 3.5 mm 4-pin headset jack with locking mechanism for Smart-Ex® 01 /201 and Ex-Handy 09 / 209 versions 3.5 mm 4-pin headset jack with locking mechanism for ecom Next Generation Phones (Ex-Handy 10; Smart-Ex® 02) 3.5 mm 4-pin headset jack for Standard Android and Windows devices 			
Buttons	<ul style="list-style-type: none"> PTT button operable with thick gloves Front facing multi-function button Volume up / down SOS button (optional) 			
Features	<ul style="list-style-type: none"> Lone Worker Ready (optional SOS button) IOT Ready (4 Standard Google intents usable and/or optional 4 additional Android Intents) Build in NFC Technologie 			
Run times**	Use Time in % with typical user profiles	High noisy areas with sound level above 100 dB	Loud noisy areas with sound level between 84 and 100 dB	Noisy areas with sound level up to 84 dB
	Speak / Hear / Standby			
	5 / 5 / 90	-> 47 h	-> 60 h	-> 78 h
	25 / 25 / 50	-> 16 h	-> 27 h	-> 45 h
	50 / 50 / 0	-> 9 h	-> 16 h	->30 h
	Full sound level (8/8)*	Very high sound level (4/8)*	High sound 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				
Stand-by time	Approx. 80 hours after commissioning via the 3.5mm jack of an Android or Windows device			
Temperature range	Ta = -20...+55°C			
IP rating	IP 64 following EN/IEC 60079-0 (ATEX/ IECEx) IP 65 / 67 following EN/IEC 60529 (industrial standard)			
Accessories	<ul style="list-style-type: none"> Removable belt clip Charging cable Docking station (optional) Connection of additional headsets (optional) 			