

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 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	-> 47 h	-> 60 h	-> 78 h
25 / 25 / 50	-> 16 h	-> 27 h	-> 45 h	
50 / 50 / 0	-> 9 h	-> 16 h	->30 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

Standby time	Approx. 80 hours after commissioning via the 3.5 mm 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)