

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) |