



Remote Speaker Microphone

RSM-EX01B..-Z0EUR-1BBL...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, Bluetooth, Zone 0/21, version for Europe



Connection



Technical Data

Indicators/operating means	
Key	PTT button operable with thick gloves Front-facing multi-function button Volume up / down Channel up / down On/Off switch Red Button
Audio data	
Sound level	up to 103 dB
Electrical specifications	

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Technical Data

Battery type	Li-Ion battery 3.7 V 2200 mAh
Operating duration	Stand-by time: approx. 74 h Actual use/operating time depending on use and set sound level (See table "Run times")
Communication	
Bluetooth	yes
NFC	yes
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP 64 following EN/IEC 60079-0 (ATEX/ IECEx) IP 67 following EN/IEC 60529 (industrial standard)
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	IBExU20ATEX1025 X
ATEX marking	Ⓜ II 1G Ex ia IIC T4 Ga Ⓜ II 2D Ex ia IIC T135°C Db IP 64 Ⓜ I M1 Ex ia I Ma
International approvals	
IECEx approval	
IECEx certificate	IECEx IBE 20.0004X
IECEx marking	Ex ia IIC T4 Ga Ex ia IIC T135°C Db IP 64 Ex ia I Ma
Approved for	Europe
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation

Matching System Components
















	Tab-Ex02-DZ1-WIFIEUR-ANDCN00..	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WiFi, with camera, version for Europe
	Tab-Ex02-DZ1-WIFIEUR-ANDCS00..	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WiFi, with camera, with microSD card, version for Europe
	Tab-Ex02-DZ1-WIFIEUR-ANDCS00NC	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WiFi, with camera, with microSD card, no charger, version for Europe
	Tab-Ex02-DZ1-WIFIEUR-ANDNN00..	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WiFi, no camera, version for Europe
	Tab-Ex02-DZ1-WIFIEUR-ANDNS00..	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WiFi, no camera, with microSD card, version for Europe
	Tab-Ex02-DZ1-WWANEUR-ANDCN00..	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, version for Europe
	Tab-Ex02-DZ1-WWANEUR-ANDCS00..	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, with microSD card, version for Europe
	Tab-Ex02-DZ1-WWANEUR-ANDCS00NC	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, with microSD card, no charger, version for Europe

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Matching System Components

	Tab-Ex02-DZ1-WWANEUR-ANDNN00..	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, no camera, version for Europe
	Tab-Ex02-DZ1-WWANEUR-ANDNS00..	Tab-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, no camera, with microSD card, version for Europe
	TAB-EX03-DZ1-WIFIEUR-CN-000-..	Tab-Ex 03 DZ1 (Zone 1/21), latest available Android firmware release, WiFi, with camera, version for Europe
	TAB-EX03-DZ1-WIFIEUR-CS-000-..	Tab-Ex 03 DZ1 (Zone 1/21), latest available Android firmware release, WiFi, with camera, with microSD card, version for Europe
	TAB-EX03-DZ1-WWANEUR-CN-000-..	Tab-Ex 03 DZ1 (Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, version for Europe
	TAB-EX03-DZ1-WWANEUR-NN-000-..	Tab-Ex 03 DZ1 (Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, no camera, version for Europe
	TAB-EX03-DZ1-WWANEUR-CS-000-..	Tab-Ex 03 DZ1 (Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, with microSD card, version for Europe
	Smart-Ex02-ROW-DZ1AIC-ANDCES..	Smart-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, with camera and eSENTINEL app, global version
	Smart-Ex02-ROW-DZ1AIC-ANDC00..	Smart-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, with camera, global version
	Smart-Ex02-ROW-DZ1AIC-ANDN00..	Smart-Ex 02 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, no camera, global version
	Ex-Handy10-ROW-DZ1AIC-ANDCEB..	Ex-Handy 10 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, with camera, eBARCODE app preinstalled, global version
	Ex-Handy10-ROW-DZ1AIC-ANDCES..	Ex-Handy 10 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, with camera, eSENTINEL app, global version
	Ex-Handy10-ROW-DZ1AIC-ANDC00..	Ex-Handy 10 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, with camera, global version
	Ex-Handy10-ROW-DZ1AIC-ANDN00..	Ex-Handy 10 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, no camera, global version
	RSM-HS 01-W	Lightweight duplex headset

Accessories

	EXT-C2LCOIL	Clip2Loop coil tether
	MINI QD LOOP	Mini QD loop
	RL ID01	Retractable lanyard for universal use
	CC S01-R	Car charger with USB-A socket for universal use

Accessories

	DS RSM 01	Docking station for RSM
	TC S02 Travel Charger (EU/UK/US/AU)	Travel charger for universal use
	Charging Cable RSM	USB Charging Cable for RSM
	RSM-HS 01-W	Lightweight duplex headset

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Operation

Run times**

Use time in % with typical user profiles speak/hear/standby	100% (Level 15 media; Level 8 phone call)	75% (Level 10 media; Level 4 phone call)	25% (Level 3 media; Level 2 phone call)
5 / 5 / 90	50 h	64 h	71 h
25 / 25 / 50	22 h	44 h	64 h
50 / 50 / 0	13 h	31 h	57 h

**determined runtimes on the Smart-Ex 02 based on RSM-Ex 01 BT software version 1.0.0

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