

Дистанционные динамики-микрофоны

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727) 345-47-04

Беларусь +(375) 257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: phb@nt-rt.ru || сайт: <https://pepperl-fuchs.nt-rt.ru/>



Remote Speaker Microphone

RSM-EX01B..-D2NAM-1BBLESCST

- 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, Division 1, version for Northern America



Connection

Division 2



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Software	
Applications	ESChat SPP and BLE
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP 67 following EN/IEC 60529 (industrial standard)
International approvals	
SGS approval	
SGS certificate	SGSNA/20/SUW/00138X
SGS marking	CI I, II, III, Division 2, Groups A-G, T4 CI I Zn 2, AEx ic IIC T4 Gc CI II Zn 22, AEx ic IIIC T135°C Dc Ex ic IIC T4 Gc Ex ic IIIC T135°C Db Ta = -20 °C to +60 °C, IP 64
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ia IIC T4 Ga Ex ia IIIC T135°C Db IP 64 Ex ia I Ma
Approved for	Northern America
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation



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



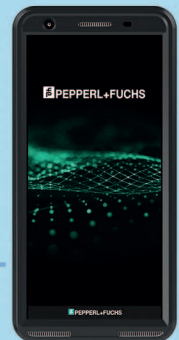
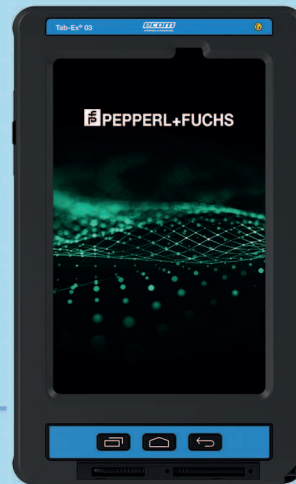
Connection



Zone 0/21



Zone 1/21



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Software	
Applications	ECOM Standard
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to 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 IIIC 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 IIIC 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



Remote Speaker Microphone RSM-EX01B..-Z2EUR-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 2/22, version for Europe



Connection



Zone 2/22



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Software	
Applications	ECOM Standard
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to 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	IBExU20ATEXB007 X
ATEX marking	Ⓔ II 3G Ex ic IIC T4 Gc X Ⓔ II 3D Ex ic IIIC T135°C Dc IP 64 X
International approvals	
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ic IIC T4 Gc X Ex ic IIIC T135°C Dc IP 64 X
Approved for	Europe
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone RSM-EX01B..-D1NAM-1BBL...ST

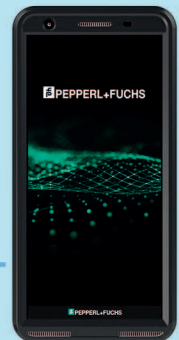
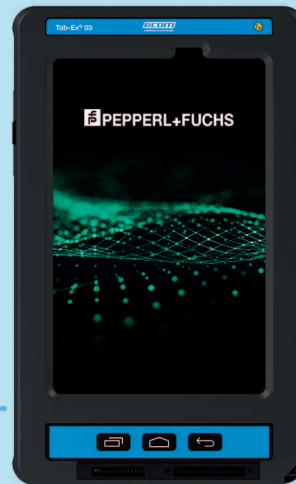
- Extremely long operating times with high voice volume – Up to 78 hours
- Outstanding volume and sound performance – Up to 103 dB
- Good operability, even with gloves
- Lone worker ready (optional SOS button)
- Additional multi-functional buttons and a dedicated SOS button
- 2200 mAh Li-ion battery 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, Division 1, version for Northern America



Connection

Division 1



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Software	
Applications	ECOM Standard
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP 67 following EN/IEC 60529 (industrial standard)
International approvals	
SGS approval	
SGS certificate	SGSNA/20/SUW/00138X
SGS marking	CI I, II, III, Div.1, GRPS A-G, T4, T135°C CI I, Zn 1, AEx ib IIC T4 Gb IP64 CI II, Zn 21, AEx ib IIIC T135°C Db IP64 CI I, Zn 1, Ex ib IIC T4 Gb IP64 CI II, Zn 21, Ex ib IIIC T135°C Db IP64
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ia IIC T4 Ga Ex ia IIIC T135°C Db IP 64 Ex ia I Ma
Approved for	Northern America
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone

RSM-EX01B..-D2NAM-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, Division 1, version for Northern America



Connection

Division 2



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Software	
Applications	ECOM Standard
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP 67 following EN/IEC 60529 (industrial standard)
International approvals	
SGS approval	
SGS certificate	SGSNA/20/SUW/00138X
SGS marking	CI I, II, III, Division 2, Groups A-G, T4 CI I Zn 2, AEx ic IIC T4 Gc CI II Zn 22, AEx ic IIIC T135°C Dc Ex ic IIC T4 Gc Ex ic IIIC T135°C Db Ta = -20 °C to +60 °C, IP 64
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ia IIC T4 Ga Ex ia IIIC T135°C Db IP 64 Ex ia I Ma
Approved for	Northern America
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone

RSM-EX01SNG-Z1EUR-1IWN...AI

- 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 (with Red 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 for Smart-Ex 02 and Ex-Handy 10, Audio Improvement, with Red Button, version for Europe



Technical Data

General specifications	
Description	Audio Improved Version
Indicators/operating means	
Key	Push-to-talk button operable with thick gloves Front-facing multi-function button Volume up / down with Red Button
Audio data	
Sound level	up to 103 dB
Electrical specifications	
Battery type	Li-Ion battery 3.7 V 2200 mAh 8.14 Wh
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 IP 67 following EN/IEC 60529 (industrial standard)
Connection	Socket, 3.5 mm, for headset
Connector	3.5 mm, 4-pin, straight, Next Generation (Smart-Ex 02 / Ex-Handy 10)
Cable	coiled
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	IBExU18ATEX1124 X
ATEX marking	Ⓔ II 2G Ex ib IIC T4 Gb Ⓔ II 2D Ex ib IIC T135°C Db IP64 Ⓔ I M2 Ex ib I Mb
International approvals	
IECEx approval	
IECEx certificate	IECEx IBE 18.0016X

Technical Data

IECEEx marking		Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64 Ex ib I Mb
Approved for		Europe
General information		
Scope of delivery		RSM-Ex Battery Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone RSM-EX01B..-D1NAM-1BBLMOTST

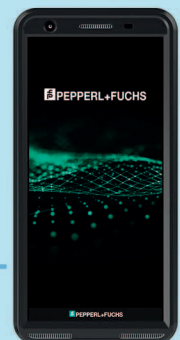
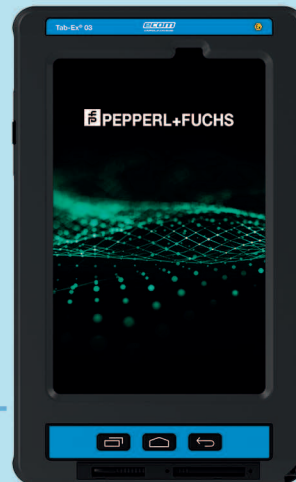
- Extremely long operating times with high voice volume – Up to 78 hours
- Outstanding volume and sound performance – Up to 103 dB
- Good operability, even with gloves
- Lone worker ready (optional SOS button)
- Additional multi-functional buttons and a dedicated SOS button
- 2200 mAh Li-ion battery 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, Motorola WAVE™, Division 1, version for Northern America



Connection

Division 1



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Connections	Motorola WAVE™ For all Android™ and Apple iOS devices (including the latest Tab-Ex® Series) connected via Bluetooth® Supported and tested PTT applications: Motorola WAVE™
Software	
Applications	Motorola WAVE™
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP 67 following EN/IEC 60529 (industrial standard)
International approvals	
SGS approval	
SGS certificate	SGSNA/20/SUW/00138X
SGS marking	CI I, II, III, Div.1, GRPS A-G, T4, T135°C CI I, Zn 1, AEx ib IIC T4 Gb IP64 CI II, Zn 21, AEx ib IIIC T135°C Db IP64 CI I, Zn 1, Ex ib IIC T4 Gb IP64 CI II, Zn 21, Ex ib IIIC T135°C Db IP64
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ia IIC T4 Ga Ex ia IIIC T135°C Db IP 64 Ex ia I Ma
Approved for	Northern America
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone RSM-EX01B..-Z0AUS-1BBLSPPST

- 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, Serial Port Profile, Zone 0/21, Version für Australia



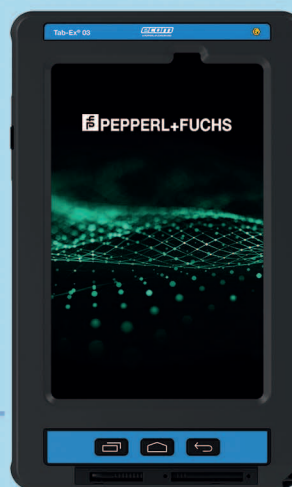
Connection



Zone 0/21



Zone 1/21



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Connections	SPP (Serial Port Profile; PTT Commands) For all Android™ and Windows devices (including the latest Tab-Ex® Series) connected via Bluetooth® Supported and tested PTT applications: TASSTA T-Flex and should also work with other apps which support SPP Commands
Software	
Applications	Standard SPP (Serial Port Profile)
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP 67 following EN/IEC 60529 (industrial standard)
International approvals	
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ia IIC T4 Ga Ex ia IIIC T135°C Db IP 64 Ex ia I Ma
Approved for	Australia
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone RSM-EX01B..-Z2AUS-1BBLSPPST

- 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, Serial Port Profile, Zone 2/22, version für Australia



Connection



Zone 2/22



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Connections	SPP (Serial Port Profile; PTT Commands) For all Android™ and Windows devices (including the latest Tab-Ex® Series) connected via Bluetooth® Supported and tested PTT applications: TASSTA T-Flex and should also work with other apps which support SPP Commands
Software	
Applications	Standard SPP (Serial Port Profile)
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP 67 following EN/IEC 60529 (industrial standard)
International approvals	
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ia IIC T4 Ga Ex ia IIIC T135°C Db IP 64 Ex ia I Ma
Approved for	Australia
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone

RSM-EX01SNW-Z1EUR-1IWN...AI

- 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 (with Red 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, right-angled 3.5 mm plug for Ex-Handy 10, Audio Improvement, with Red Button, version for Europe



Technical Data

General specifications

Description	Audio Improved Version
-------------	------------------------

Indicators/operating means

Key	Push-to-talk button operable with thick gloves Front-facing multi-function button Volume up / down with Red Button
-----	--

Audio data

Sound level	up to 103 dB
-------------	--------------

Electrical specifications

Battery type	Li-Ion battery 3.7 V 2200 mAh 8.14 Wh
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 IP 67 following EN/IEC 60529 (industrial standard)
Connection	Socket, 3.5 mm, for headset
Connector	3.5 mm, 4-pin, right-angled, Next Generation (Ex-Handy 10)
Cable	coiled

Data for application in connection with hazardous areas

ATEX approval	
ATEX certificate	IBExU18ATEX1124 X
ATEX marking	Ⓜ II 2G Ex ib IIC T4 Gb Ⓜ II 2D Ex ib IIC T135°C Db IP64 Ⓜ I M2 Ex ib I Mb

International approvals

IECEx approval	
IECEx certificate	IECEx IBE 18.0016X

Technical Data

IECEEx marking		Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64 Ex ib I Mb
Approved for		Europe
General information		
Scope of delivery		RSM-Ex Battery Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone

RSM-EX01SG1-Z1EUR-1IWN...AI

- 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 (with Red 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, Audio Improvement, with Red Button, version for Europe



Technical Data

General specifications	
Description	Audio Improved Version
Indicators/operating means	
Key	Push-to-talk button operable with thick gloves Front-facing multi-function button Volume up / down with Red Button
Audio data	
Sound level	up to 103 dB
Electrical specifications	
Battery type	Li-Ion battery 3.7 V 2200 mAh 8.14 Wh
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 IP 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	Ⓔ II 2G Ex ib IIC T4 Gb Ⓔ II 2D Ex ib IIIC T135°C Db IP64 Ⓔ I M2 Ex ib I Mb
International approvals	
IECEx approval	
IECEx certificate	IECEx IBE 18.0016X

Technical Data

IECEEx marking		Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64 Ex ib I Mb
Approved for		Europe
General information		
Scope of delivery		RSM-Ex Battery Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone

RSM-EX01SW1-Z1EUR-1IWN...AI

- 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 (with Red 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, right-angled 3.5 mm plug, Audio Improvement, with Red Button, version for Europe



Technical Data

General specifications	
Description	Audio Improved Version
Indicators/operating means	
Key	Push-to-talk button operable with thick gloves Front-facing multi-function button Volume up / down with Red Button
Audio data	
Sound level	up to 103 dB
Electrical specifications	
Battery type	Li-Ion battery 3.7 V 2200 mAh 8.14 Wh
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 IP 67 following EN/IEC 60529 (industrial standard)
Connection	Socket, 3.5 mm, for headset
Connector	3.5 mm, 4-pin, right-angled
Cable	coiled
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	IBExU18ATEX1124 X
ATEX marking	Ⓔ II 2G Ex ib IIC T4 Gb Ⓔ II 2D Ex ib IIC T135°C Db IP64 Ⓔ I M2 Ex ib I Mb
International approvals	
IECEx approval	
IECEx certificate	IECEx IBE 18.0016X

Technical Data

IECEEx marking		Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64 Ex ib I Mb
Approved for		Europe
General information		
Scope of delivery		RSM-Ex Battery Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone

RSM-EX01SES-Z1EUR-1SWN...AI

- 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 (with Red 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 for Smart-Ex 01 and Ex-Handy 09, Audio Improvement, with Red Button, version for Europe



Technical Data

General specifications

Description	Audio Improved Version
-------------	------------------------

Indicators/operating means

Key	Push-to-talk button operable with thick gloves Front-facing multi-function button Volume up / down with Red Button
-----	--

Audio data

Sound level	up to 103 dB
-------------	--------------

Electrical specifications

Battery type	Li-Ion battery 3.7 V 2200 mAh 8.14 Wh
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
-----	-----

Software

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 IP 67 following EN/IEC 60529 (industrial standard)
Connection	Socket, 3.5 mm, for headset
Connector	3.5 mm, 4-pin, straight, with lock (Smart-Ex 01 / Ex-Handy 09)
Cable	coiled

Data for application in connection with hazardous areas

ATEX approval	
ATEX certificate	IBExU18ATEX1124 X
ATEX marking	Ⓔ II 2G Ex ib IIC T4 Gb Ⓔ II 2D Ex ib IIC T135°C Db IP64 Ⓔ I M2 Ex ib I Mb

International approvals

IECEx approval	
IECEx certificate	IECEx IBE 18.0016X

Technical Data	
IECEEx marking	Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64 Ex ib I Mb
Approved for	Europe
General information	
Scope of delivery	RSM-Ex Battery Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone RSM-EX01B..-D1NAM-1BBLESCST

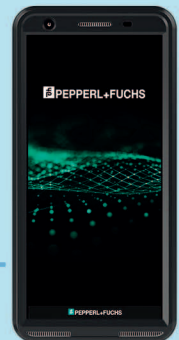
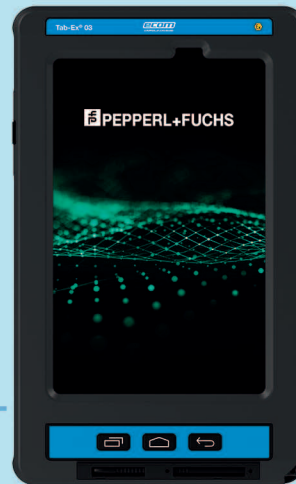
- Extremely long operating times with high voice volume – Up to 78 hours
- Outstanding volume and sound performance – Up to 103 dB
- Good operability, even with gloves
- Lone worker ready (optional SOS button)
- Additional multi-functional buttons and a dedicated SOS button
- 2200 mAh Li-ion battery 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, Division 1, version for Northern America



Connection

Division 1



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Software	
Applications	ESChat SPP and BLE
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP 67 following EN/IEC 60529 (industrial standard)
International approvals	
SGS approval	
SGS certificate	SGSNA/20/SUW/00138X
SGS marking	CI I, II, III, Div.1, GRPS A-G, T4, T135°C CI I, Zn 1, AEx ib IIC T4 Gb IP64 CI II, Zn 21, AEx ib IIIC T135°C Db IP64 CI I, Zn 1, Ex ib IIC T4 Gb IP64 CI II, Zn 21, Ex ib IIIC T135°C Db IP64
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ia IIC T4 Ga Ex ia IIIC T135°C Db IP 64 Ex ia I Ma
Approved for	Northern America
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone

RSM-EX01SNG-Z1JPN-1EWN...AI

- 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 (with Red 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 for Smart-Ex 02 and Ex-Handy 10, Audio Improvement, with Red Button, version for Japan



Technical Data

General specifications

Description	Audio Improved Version
-------------	------------------------

Indicators/operating means

Key	Push-to-talk button operable with thick gloves Front-facing multi-function button Volume up / down with Red Button
-----	--

Audio data

Sound level	up to 103 dB
-------------	--------------

Electrical specifications

Battery type	Li-Ion battery 3.7 V 2200 mAh 8.14 Wh
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 IP 67 following EN/IEC 60529 (industrial standard)
Connection	Socket, 3.5 mm, for headset
Connector	3.5 mm, 4-pin, straight, Next Generation (Smart-Ex 02 / Ex-Handy 10)
Cable	coiled

Data for application in connection with hazardous areas

ATEX approval	
ATEX certificate	IBExU18ATEX1124 X
ATEX marking	Ⓔ II 2G Ex ib IIC T4 Gb Ⓔ II 2D Ex ib IIIC T135°C Db IP64 Ⓔ I M2 Ex ib I Mb

International approvals

IECEx approval	
IECEx certificate	IECEx IBE 18.0016X

Technical Data

IECEEx marking	Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP64 Ex ib I Mb
Approved for	Japan
General information	
Scope of delivery	RSM-Ex Battery Charging cable Charger Safety instructions Documentation



Remote Speaker Microphone RSM-EX01B..-Z0EUR-1BBLESCST

- 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

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Software	
Applications	ESChat SPP and BLE
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to 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 IIIC 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 IIIC 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



Remote Speaker Microphone

RSM-EX01B..-Z2EUR-1BBLESCST

- 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 2/22, version for Europe



Connection



Zone 2/22



Technical Data

Indicators/operating means

Key

Push-to-talk 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

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")
Interface	
I/O ports	3.5 mm jack connection
Communication	
Bluetooth	yes
NFC	yes
Software	
Applications	ESChat SPP and BLE
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP64 according to 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	IBExU20ATEXB007 X
ATEX marking	Ⓔ II 3G Ex ic IIC T4 Gc X Ⓔ II 3D Ex ic IIIC T135°C Dc IP 64 X
International approvals	
IECEX approval	
IECEX certificate	IECEX IBE 20.0004X
IECEX marking	Ex ic IIC T4 Gc X Ex ic IIIC T135°C Dc IP 64 X
Approved for	Europe
General information	
Scope of delivery	RSM-Ex Charging cable Charger Safety instructions Documentation

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижегород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Ноябрьск (3496)41-32-12
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727) 345-47-04

Беларусь +(375) 257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: phb@nt-rt.ru || сайт: <https://pepperl-fuchs.nt-rt.ru/>