

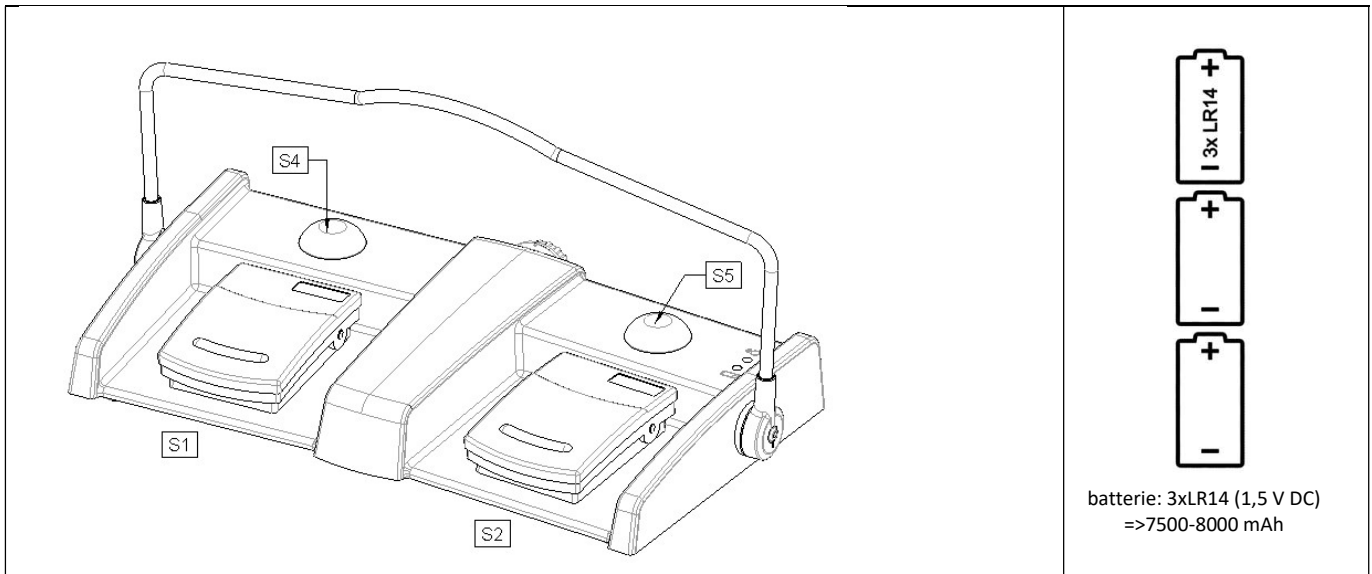


Produktname: MKF 2 2S/2S SW2.4LE-MED GP211

Material-Nr.: 1437458

## Specification

- baseplate GP211 with fold handle
- 2 extra push button black
- batterie compartment
- position sensor
- LED indication for battery status and transmission
- steute wireless (SW2.4LE)



## Technical Data



Applied standards	IEC 60601-1 (Basic Safety) IEC 60601-1-2 IEC 60601-2-2 IEC 60601-2-22/ only applicable with protection handle IEC 60601-2-43 IEC 60529 (Degrees of protection)  Note: see CSA certificate for corresponding revision level.
Existing certifications	CSA
Enclosure	Shockproof thermoplastic, self-extinguishing / Pantone cool grey 1C
Pedal	Shockproof thermoplastic, self-extinguishing / black, RAL 9005
Pedal enclosure	shockproof thermoplastic, self-extinguishing / black
Actuator	2x B7 / black
Degree of protection	IPX8 (1m / 35 Min.) according to DIN EN 60529
Contact element/material	Pedals: Reed/rhodium Actuator: microswitch/ gold-plated
Rated operating voltage (U <sub>e</sub> )	Battery: 3xLR14 (1,5 V DC) = 4,5 V DC / batteries not included in scope of delivery
Mechanical lifetime	> 1 Mill. operations
Dimension	391 x 211 x 178 mm
Weight	1,8 kg



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## Radio specifications

<u>Performance</u>	
Distance	10 m -30 m (with internal antenna, depends on spatial conditions and the surrounding)
Output rating	3 dBm (max. 7 dBm optional)
Input sensitivity	-93 dBm
Antenna	Internal antenna with U.FL-plug
<u>Radio technology</u>	
Frequency range	2402 to 2480 MHz
Chanel spacing	2 MHz
Modulation	GFSK, adaptive frequency hopping of 40 channels
<u>Applied radio standards</u>	
Europe	EN 300 328; EN 301 489-1; EN 301 489-17; EN 62479, EN 62368-1, EN IEC 63000
	Note: see EU Declaration of Conformity for corresponding revision level
<u>Transmitter and radio module</u>	
USA	 Part 15C , single Modular, Identifier: XK5-SW24LE
Canada	RSS-247 Issue 1, Identifier: 5158A-SW24LE
Japan	ARIB STD-T66, Identifier: 204-650001
 Please note the instruction manual for the SW2.4LE system (D023336) (Document on request)	

## Environmental conditions

	Storage/Transport (without batteries)	Operating	
Temperature range	-20 °C up to +60 °C	0 °C up to +45 °C	
Relative humidity	10 % up to 100 %	10 % up to 100 %	
Air pressure	500 hPa – 1060 hPa	700 hPa – 1060 hPa	

## General notes

The foot switch as a component of a medical device can be evaluated only together in the overall system of the customer. Therefore the conformity evaluation including the classification of the overall system according to the Medical Device Directive 93/42/EEC respectively EU Medical Device Regulation 2017/745 must be carried out at the customer. In addition, validation can also only be carried out by the customer in the overall system.

Furthermore, the intended use and the basic functions are verifiable only in interaction with the overall system. As a result, the customer must involve the footswitch in his risk management, his usability analysis, the verification of the electromagnetic compatibility and, if applicable, the verification of the biocompatibility.

 Please refer to the Technical Description (D031289) for Medical synthetic footswitch SW2.4LE-MED/ battery-powered

## Maintenance/cleaning

- During cleaning, avoid wiping with a cloth under the pedal, because this may cause the springs to move out of position.



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## Safety instructions

Despite careful production and inspection as well as redundant design of important components, an entirely safe function cannot be guaranteed at all times (in case of malfunction, for example, a switch contact can turn off incorrectly, or a spring may break).

A functional test must be performed before every operation.

Risk of injury due to incorrect handling!

- The plug connections must not be subjected to mechanical loads!
- Switch off terminal before cleaning or maintenance work!
- Test functions when device is switched back on!
- Moving actuating components (e.g. carrying handle) can be a crushing hazard!
- Tripping hazard!

If components with reed contacts or hall sensors are used, strong magnetic fields can result in unwanted influences to the system. Additionally, magnetically conducting materials are to be kept away from the direct foot switch area!

The electrical connection may only be carried out by authorized personnel.

Components, especially pedals or other actuating elements, may not be disassembled or dismembered under any circumstances! If this happens the products need to be sent back immediately.

Errors and omissions excepted.