

# MP18 addendum (for 224 MHz variant)

**This document defines the deviations from MP18 User's guide H-2000-5154.**



European Radio Authority approvals applying to the 433 MHz MP18 systems are not valid or relevant to this 224 MHz variant.

## FCC

### Information to User (FCC Section 15.19)

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

### Information to User (FCC Section 15.105)

This equipment has been tested and found to comply with the limits for both a Class A and Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not used in accordance with this Installation and User's Guide, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case you will be required to correct the interference at your own expense.

### Information to User (FCC Section 15.21)

The user is cautioned that any changes or modifications, not expressly approved by Renishaw plc or authorised representative, could void the user's authority to operate the equipment.

### Special accessories (FCC Section 15.27)

The user is cautioned that any peripheral device installed with this equipment, such as a computer, must be connected with a high-quality shielded cable to ensure compliance with FCC limits.

The FCC has assigned the following product information codes:

FCC ID: KQG RMP3-224

Comprising:

RMP3 radio module probe (transmitter)

MP7 touch-trigger probe

## Radio frequencies and transmission ranges

Region	Normal transmission frequency	Number of transmission channels	Channel separation	Transmission range
USA	224 MHz	40	25 KHz	6 m (19.68 ft)

## Transmission frequencies - USA

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**NOTE:** In compliance with the governing regulations of the USA, this version of the RMP3 operates on a much lower transmission power than the European version. As a result, the transmission range of this product is limited to 6 meters (19.68 ft).

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The radio transmission system applicable to the USA version of the RMP3 operates on frequencies of between 224.5 MHz and 225.475 MHz. It is designed to provide a total of 40 user-selectable channels, each channel having a spacing of 25 KHz as specified below.

Channel number	Frequency / MHz	Channel number	Frequency / MHz
1	224.500	21	225.000
2	224.525	22	225.025
3	224.550	23	225.050
4	224.575	24	225.075
5	224.600	25	225.100
6	224.625	26	225.125
7	224.650	27	225.150
8	224.675	28	225.175
9	224.700	29	225.200
10	224.725	30	225.225
11	224.750	31	225.250
12	224.775	32	225.275
13	224.800	33	225.300
14	224.825	34	225.325
15	224.850	35	225.350
16	224.875	36	225.375
17	224.900	37	225.400
18	224.925	38	225.425
19	224.950	39	225.450
20	224.975	40	225.475

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**IMPORTANT:** This product variant operates at 224 MHz and must be used in combination with the compatible 224 MHz MI 16 interface and RMM antenna.

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## Parts list - Please quote the part number when ordering equipment

Type	Part number	Description
RMP3	A-2249-0250	RMP3 transmission module with tool kit.
Shank adaptor	A-2107-0031	Shank adaptor plate for attachment to MP18 style shanks.
Shank adaptor	A-2249-0134	Shank adaptor plate kit for shank switch for attachment to MP18-S style shanks.
RMM side exit	A-2056-0360	RMM antenna - side exit cable.
RMM rear exit	A-2056-1077	RMM antenna - rear exit cable.
RMM extension cable	A-2056-0322	10 m extension cable for RMM.
MI 16	A-2137-0260	MI 16 interface with connector.
OM16 kit	A-2137-0401	OM16 optical module and mounting bracket.
Battery	P-BT03-0001	Duracell MN1604, PP3, 9 V.
Stylus	A-5000-3709	PS3-1C stylus, Ø6 ball x 50 mm long with ceramic stem.
Weak link kit	A-2085-0068	Kit comprising: stylus weak link stem x 2, spanner and instruction sheet.
Weak link stem	M-2085-0069	Stylus weak link stem for use with steel shaft styli.
Spanner	P-TL09-0003	Spanner for weak link stem.
Styli	-	See Data sheet H-1000-3200.
PSU3 power supply	-	See Data sheet H-2000-2200.
Software	-	See Data sheet H-2000-2289.

**USER REGION USA**

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