MarConnect i-Stick
Receiver for Instruments with Integrated Wireless

#ID

FEATURES

- Unlike conventional wireless solutions, which have a large external transmitter with separate battery, the transmitter in integrated wireless is fully integrated.
- The lack of external cables and modules allows for high mobility
- With integrated wireless, you can transfer your measured values to the PC using the i-Stick
- As with a data cable, the measured values are accepted via the MarCom Software directly into MS Excel® or via a keyboard code into any Windows application
- Safe and reliable data transfer
- Instruments display messages confirming data has been received
- Confirms being in range of i-Stick
- Long battery life
- Negates need for additional battery
- With integrated wireless, you can connect up to 8 measuring instruments per i-Stick receiver
- Expensive interface boes are no longer necessary
- **Package contains:** i-Stick wireless receiver, driver

- **Software MarCom Professional** free download: www.mahr.com/marcom (only for Mahr data cables and wireless systems with USB and RS232 interface)

TECHNICAL DATA

Order no.		4102220
Number of channels		3
Frequency band	MHz	2400
Radio range		Up to 6 m
Product type		i-Stick
Number of connectable wireless receivers for i-Stick		4
Number of connectable measuring instruments with integrated wireless		32
For measuring instrument		MarCal 16 EWRi / 30 EWRi MarCator 1086 Ri / 1086 WRi / 1087 Ri / 1087 BRi Micromar 40 EWRi / 40 EWRi-L

MarConnect e-Stick

Receiver

FEATURES

- To retrofit on all Mahr hand measuring instruments that have a data interface
- Safe and reliable data transfer
- Instruments display messages confirming data has been received
- Confirms being in range of e-Stick
- Compact transmitter without an external antenna
- Bi-directional radio link (remote control from measuring instruments)
- Radio frequency is 2400 MHz
- **Package contains:** e-stick wireless receiver, driver

- **Software MarCom Professional** free download: www.mahr.com/marcom (only for Mahr data cables and wireless systems with USB and RS232 interface)

Application:

- Wireless data transmission from a measuring instrument to a PC

TECHNICAL DATA

Order no.		4102230
Frequency band	MHz	2400
Radio range		Up to 6 m
Product type		e-Stick
Number of connectable wireless receivers for e-Stick		1
Number of connectable transmission modules for e-Stick		8
For measuring instrument		Transmission modules 16 EWe, 2000 e, RS232 e

ACCESSORIES

Order no.	Product name	Type	For measuring instrument
4102231	16 EWe Transmitter for e-Stick	16 EWe	MarCal 16 ER, 16 EWR, 16 EWV, 18 EWR, 30 EWR, 30 EWN Digimar 814 SR Micromar 40 EWR (≤2017), 40 EWS, 40 EWV, 44 EWR, 46 EWR MarCator 1075 R, 1086 R, 1087 R, 1087 BR MarSurf PS1, PS10
4102232	2000 e Transmitter for e-Stick	2000 e	Digimar 816 CL MarCator 1088 / 1088W Millimess 2000, 2001, 2100, µMaxum II Millimar C1200
4102233	RS232 e Transmitter for e-Stick	RS232 e	Millimar C1208, C1216, C1245, S1840 Digimar 817 CLM
4102239	Battery for e-Stick / FM2 transmission modules Type CR 1/3	CR1/3N	
4102554	USB 2.0 Docking Ball with 5 m extension cable, Interfaces: 1 x USB 2.0 Data , 1 x USB Power	MC-USB-Ext	

16 EWe   **2000 e**   **RS232 e;RS232 f;817 f**

MarConnect FM 2

Receiver

FEATURES

- Safe and reliable data transfer
- Instruments display messages confirming data has been received
- TWIN receiver for USB and RS232 interfaces
- Compact transmitter without an external antenna
- Theoretically unlimited amount of measuring instruments can be connected to a receiver
- Distance of radio wave up to 100 m (depending on the working environment)
- Radio frequency is 433 MHz (further frequencies are available upon request)
- Up to 69 channels are available per receiver, several receivers can be used at any one time
- Bi-directional radio link (remote control from measuring instruments)
- Hand triggering possible for acquiring data
- **Package contains:** FM2 wireless receiver, driver, USB cable

- **Software MarCom Professional** free download: www.mahr.com/ marcom (only for Mahr data cables and wireless systems with USB and RS232 interface)

Application:

- Wireless data transmission from a measuring instrument to a PC

TECHNICAL DATA

Order no.		4102305
Number of channels		69
Number of transmitters		100
Frequency band	MHz	433
Radio range		Up to 100 m (depending on the working environment)
Product type		FM 2
For measuring instrument		Transmission modules 16 EXf, 1082 f, 2000f, 817 f, RS232 f

Order no.	Depth	Height	Width
	mm	mm	mm
4102305	25	120	60

ACCESSORIES

Order no.	Product name	Type	For measuring instrument
4102306	16 EXf Transmitter for FM 2	16 EXf	MarCal 16 ER, 16 EWR, 16 EWV, 18 EWR, 30 EWR, 30 EWN Digimar 814 SR Micromar 40 EWR (≤2017), 40 EWS, 40 EWV, 44 EWR, 46 EWR MarCator 1075 R, 1086 R, 1087 R, 1087 BR
4102307	1082 f Transmitter for FM 2	1082 f	Digimar M814 N/G Multimar 25 ES MarTool 106 ES
4102309	2000 f Transmitter for FM 2	2000 f	Digimar 816 CL MarCator 1088 / 1088W Millimess 2000, 2001, 2100, µMaxum ll
4102310	817 f Transmitter for FM 2	817 f	Digimar 817 CLM
4102311	RS232 f Transmitter for FM 2	RS232 f	Millimar C1208, C1216, C1245, S1840
4102239	Battery for e-Stick / FM2 transmission modules Type CR 1/3	CR1/3N	

16 EXf   **2000 f**   **RS232 e;RS232 f;817 f**