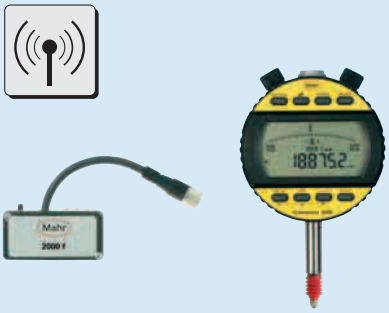
MarConnect MarCom Professional 5.0

►| Whether you are using the tried and tested MarConnect interface or the new wireless data transmission Integrated Wireless, the MarCom software enables you to transmit data quickly and easily from a measuring station to a PC. |◄

Measuring Instruments

Integrated Wireless



Data Transmission via cable

Trigger a sending command via:

- the Measuring instrument
- Remote control

Data Transmission

- Footswitch
- Keyboard
- Timer function

Universal Software MarCom Profession

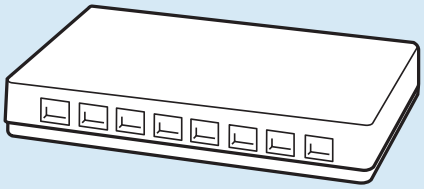
Interface on device: 4 x 8

Interface on device: Data cable USB 124, iStick 4 x 8

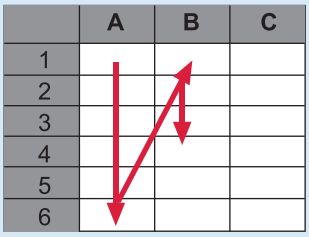
Interface on device: Data cable USB 124, iStick 4 x 8

Interface on device: Data cable USB 124, iStick 4 x 8

- Interface
al 5.0

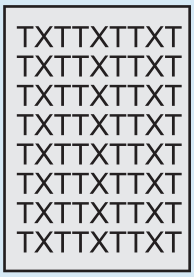


Virtual Interface Box



Intelligent Excel Interface

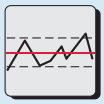
Keyboard Emulation



Text - File

Data Acquisition

SPC Software



Simply choose a virtual Interface Box in your SPC Software and you can capture the measured values from all your connected Mahr Measuring Instruments.

Microsoft Office Excel®

Irrespective of whether you are using existing Excel templates or those designed for your requirements, the MarCom cell controller is highly flexible.

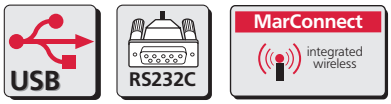
Any Windows Software

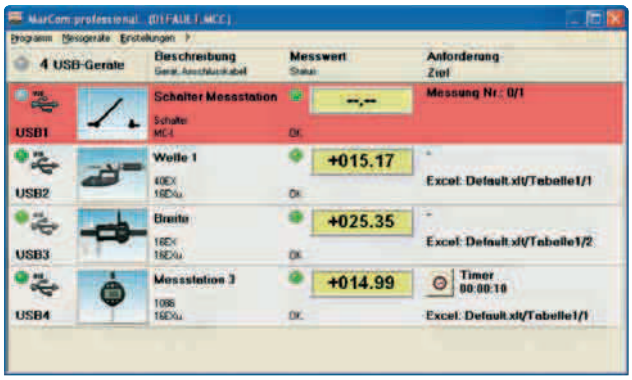
Do you use an application which does not support the integration of a measuring instrument? No Problem, with the MarCom keyboard emulation the measured values will be sent directly to the active cell of the program in use.

Flexible data transmission

MarCom is extremely flexible and enables freely configurable measuring cycle; regardless of whether you are sending data using a foot switch, on the measuring instrument, a Timer function or a Keyboard

Software-Interface MarConnect MarCom Standard / Professional 5.0





Features

- Directly transfer measuring values into Microsoft Office Excel® (from Verison 97), **into SPC-Software using virtual interface box (MUX50 format)** (Professional), a text file or key code
- Measured values from each device can be sent to a different column, table or folder in Excel
- USB hub is also suitable as a measuring instrument interface
- Clear portrayal of selected measuring devices with the aid of icons
- Freely definable / configurable measurement cycles
- Data transmission via Data-button on the measuring devices or on the data cable; via a PC, timer, keyboard, remote control or a foot switch connected to a USB interface
- Languages available: German, English, French, Italian, Dutch, Polish, Portugese, Russian, Czech, Chinese
- System Requirements: Microsoft Windows 8, Microsoft Windows 7, USB ,interface from version 1.1, minimum 10 MB free hard disk space, Microsoft Office Excel® from version 97 onwards
- Scope of delivery: Driver, Instruction manual

Technical Data

	MarCom Standard 5.0	MarCom Professional 5.0
Number of connected wireless receivers i-Stick	1	4
Number of connectable measuring instruments with Integrated Wireless	1	32
Number of connected wireless receivers e-Stick	1	
Number of connectable Sender modules for the e-Stick	1	100
Number of connected wireless receivers FM	1	
Number of connectable Sender modules for the wireless receivers FM	1	100
Number of devices to be connected with a USB interface	1	127
Number of USB foot switches that can be connected	1	127
Number of devices to be connected with a RS232C interface	1	2
Number of virtual Interface boxes (8 inputs)	–	4
Order no.	**4102211**	**4102212**

Accessories

		For measuring instruments	Order no.
Receiver incl. Software MarCom Std.	**i-Stick**	MarCal 16 EWRi / 30 EWRi MarCator 1086 Ri / 1087 Ri / 1087 BRi	**4102220**
Receiver incl. Software MarCom Std.	**e-Stick**	Transmitters 16 EWe, 2000 e, RS232 e, 1082 e	**4102230**
Receiver incl. Software MarCom Std.	**FM 2**	Transmitters 16 EXf, 1082 f, 2000f, 817 f, RS232 f	**4102305**
Transmitter for e-Stick	**16 EWe**	MarCal 16 ER, 16 EWR, 16 EWV, 30 EWR, 30 EWN Digimar 814 SR Micromar 40 EWR, 40 EWS, 40 EWV, 44 EWR, 46 EWR	**4102231**
Transmitter for FM 2	**16 EXf**	MarCator 1075 R, 1086 R, 1087 R, 1087 BR	**4102306**
Data Connection Cable USB (2 m)	**16 EXu**	MarCal 16 ER, 16 EWR, 18 EWR, 30 EWR, 30 EWN Digimar 814 SR Micromar 40 ER, 40 EWR, 40 EWV, 40 EWS, 44 EWR, 46 EWR	**4102357**
Data Connection Cable RS232C (2 m)	**16 EXr**	MarCator 1075 R, 1086 R, 1086 Ri, 1087 R, 1087 Ri, 1087 BR, 1087 BRi MarSurf PS1, M300, M300C	**4102410**
Transmitter for e-Stick	**2000 e**		**4102232**
Transmitter for FM 2	**2000 f**	Digimar 816 CL MarCator 1088 / 1088W	**4102309**
Data Connection Cable USB (2 m)	**2000 usb**	Millimess 2000, 2001, 2100, *µMaxum II*	**4346023**
Data Connection Cable RS232C (2 m)	**2000 r**		**4346020**
Data Connection Cable RS232C (3 m)		Digimar 817 CLM Millimar C1208, C1216, 1240, C1245, S1840, S1841, X1715, X1745	**7024634**
Transmitter for e-Stick	**RS232 e**	Millimar C1208, C1216, C1245, S1840 Digimar 817 CLM	**4102233**
Adaptor Cable RS232-USB (1 m)		Millimar C1208, C1216, 1240, C1245, S1840, S1841, X1715, X1745 (in conjunction with Data Cable 7024634)	**4102331**
Transmitter for FM 2	**817 f**	Digimar 817 CLM	**4102310**
Adaptor Cable RS232-USB (1 m)	**817 usb**	Digimar 817 CLM (in conjunction with Data Cable 7024634)	**4102333**
Transmitter for FM 2	**RS232 f**	Millimar C1208, C1216, C1245, S1840	**4102311**
Transmitter for e-Stick	**1082 e**		**4102235**
Transmitter for FM 2	**1082 f**	Digimar M814 N/G Multimar 25 ES MarTool 106 ES	**4102307**
Data Connection Cable RS232C (2 m)	**16 ESv**		**4102510**
Adaptor Cable RS232-USB (1 m)	**Opto usb***		**4102330**
Data Connection Cable USB (2 m)	**800 EWu**	MarCal 31 EW MarTest 800 EW, 800 EWL	**4305121**
Data Connection Cable RS232C (2 m)	**800 EWr**		**4305122**
Data Connection Cable USB (1.5 m)	**838 usb**	Marameter 838 EI, 838 EA	**4495079**
USB-Hub 7-fold industrial model	**USB-Hub**		**4102553**
Data Connection Cable USB (0.1 m)	**MC-I**	Foot Switch 16 ESf	**4102782**
Foot Switch to trigger data transmission	**16 ESf**		**4102058**
Remote Control for MarCom	**MC-R**		**4102221**

** in conjunction with Data Cable 4102510)*

Receiver MarConnect i-Stick

Application

Features

- Measure without being hampered by any additional modules: Compared to a bulky conventional radio transmission which has a large external transmitter with a separate battery; the integrated wireless transmitter is integrated in the instrument.
- Freedom of Movement: Integrated Wireless offers you considerably more freedom of movement. Whether at a measuring station, measuring directly on or at the machine or on large workpieces you are not obstructed by any cables.
- Simple data transmission: With the i-Stick you can simply transfer your measured values via the Integrated Wireless to a PC. The measured values are sent directly (as with a data cable) via the MarCom software to Microsoft Office Excel© or by a keyboard code into any other Windows program.
- Secure data transmission: With the Integrated Wireless your data will be transferred from the digital measuring instrument to the i-Stick, thus computer. This is confirmed with a message in the display of the measuring instrument to whether the sent data has been transferred correctly, and/or whether you are in the reception range of the i-Stick.
- Long battery life span: The wireless interface is integrated in the digital measuring instruments, these measuring instruments are extremely energy efficient. In addition contrary to conventional wireless data transmission systems no additional battery is needed.
- Inexpensive: With the Integrated Wireless receiver up to 8 measuring instruments can be connected per i-Stick, therefore expensive interface boxes are no longer required. When just attaching a measuring instrument with the Integrated Wireless function you have already a wireless data transmission for the price of a data cable.
- System Requirements: IBM AT compatible PC, CD- / DVD-drive, Microsoft Office Excel® from version 97 onwards, Microsoft Windows XP, Microsoft Windows Vista, Microsoft Windows 7, USB-interface from version 1.1, minimum 10 MB free hard disk space.
- Scope of delivery: Software MarCom Standard, Driver

Technical Data

Number of channels		3
Number of transmitters		8 per Stick
Frequency band	MHz	2400
Radio range		up to 6 m
For measuring instruments		MarCal 16 EWRi / 30 EWRi MarCator 1086 Ri / 1087 Ri / 1087 BRi
Order no.		**4102220**

Accessories

		Order no.
Software-Interface MarCom Professional 5.0		**4102212**
Digital Caliper, 0.01 mm, 0 – 150 mm	**16 EWRi**	**4103400**
Digital Caliper, 0.01 mm, 0 – 150 mm	**16 EWRi**	**4103401**
Digital Caliper, 0.01 mm, 0 – 150 mm	**16 EWRi**	**4103402**
Digital Caliper, 0.01 mm, 0 – 150 mm	**16 EWRi**	**4103403**
Digital Caliper, 0.01 mm, 0 – 200 mm	**16 EWRi**	**4103404**
Digital Caliper, 0.01 mm, 0 – 200 mm	**16 EWRi**	**4103405**
Digital Caliper, 0.01 mm, 0 – 300 mm	**16 EWRi**	**4103406**
Digital Caliper, 0.01 mm, 0 – 300 mm	**16 EWRi**	**4103407**
Digital Depth Gage, 0.01 mm, 0 – 150 mm	**30 EWRi**	**4126755**
Digital Depth Gage, 0.01 mm, 0 – 300 mm	**30 EWRi**	**4126756**
Digital Depth Gage, 0.01 mm, 0 – 500 mm	**30 EWRi**	**4126757**
Digital Indicator, 0.0005 mm, 12.5 mm	**1086 Ri**	**4337624**
Digital Indicator, 0.0005 mm, 25 mm	**1086 Ri**	**4337625**
Digital Indicator, 0.0005 mm, 50 mm	**1086 Ri**	**4337626**
Digital Indicator, 0.0005 mm, 100 mm	**1086 Ri**	**4337627**
Digital Indicator, 0.0005 mm, 25 mm	**1086 Ri**	**4337628**
Digital Indicator, 0.01 mm, 12.5 mm	**1086 Ri**	**4337134**
Digital Indicator, 0.01 mm, 25 mm	**1086 Ri**	**4337135**
Digital Indicator, 0.01 mm, 50 mm	**1086 Ri**	**4337136**
Digital Indicator, 0.01 mm, 100 mm	**1086 Ri**	**4337137**
Digital Indicator, 0.0005 mm, 12.5 mm	**1086 WRi**	**4337142**
Digital Indicator, 0.0005 mm, 25 mm	**1086 WRi**	**4337143**
Digital Indicator, 0.01 mm, 12.5 mm	**1086 WRi**	**4337147**
Digital Indicator, 0.01 mm, 25 mm	**1086 WRi**	**4337148**
Digital Indicator, 0.0005 mm, 12.5 mm	**1087 Ri**	**4337663**
Digital Indicator, 0.0005 mm, 25 mm	**1087 Ri**	**4337665**
Digital Indicator, 0.0005 mm, 12.5 mm	**1087 BRi**	**4337664**

16 EWRi

30 EWRi

1086 Ri

1086 Ri

1087 Ri

Receiver MarConnect e-Stick

Features

- Wireless data transmission from a measuring instrument to a PC
- Scope of delivery: Software MarCom Standard, Driver

Technical Data

Frequency band	MHz	2400
Radio range		up to 10 m
For measuring instruments		Transmitters 16 EWe, 2000 e, RS232 e, 1082 e
Order no.		**4102230**

Accessories

			Order no.
Transmitter for e-Stick	MarCal 16 ER, 16 EWR, 16 EWV, 30 EWR, 30 EWN Digimar 814 SR Micromar 40 EWR, 40 EWS, 40 EWV, 44 EWR, 46 EWR MarCator 1075 R, 1086 R, 1087 R, 1087 BR	**16 EWe**	**4102231**
Transmitter for e-Stick	Digimar 816 CL MarCator 1088 / 1088W Millimess 2000, 2001, 2100, *µMaxum II*	**2000 e**	**4102232**
Transmitter for e-Stick	Millimar C1208, C1216, C1245, S1840 Digimar 817 CLM	**RS232 e**	**4102233**
Transmitter for e-Stick	Digimar M814 N/G Multimar 25 ES MarTool 106 ES	**1082 e**	**4102235**

Receiver MarConnect FM2

FM 2

16 EXf

2000 f

Application:

- Wireless data transmission from a measuring instrument to a PC

Technical Data

Number of channels		69
Number of transmitters		unlimited
Frequency band	MHz	433
Radio range		up to 100 m (depending on the working environment)
Dimensions W x H x D	mm	60 x 120 x 25
For measuring instruments		Transmitters 16 EXf, 1082 f, 2000f, 817 f, RS232 f
Order no.		**4102305**

Accessories

			Order no.
Software to store measured data from several transmitters		**Softwarepaket Plus**	**4102315**
Transmitter for FM 2	MarCal 16 ER, 16 EWR, 16 EWV, 30 EWR, 30 EWN Digimar 814 SR Micromar 40 EWR, 40 EWS, 40 EWV, 44 EWR, 46 EWR MarCator 1075 R, 1086 R, 1087 R, 1087 BR	**16 EXf**	**4102306**
Transmitter for FM 2	Digimar M814 N/G Multimar 25 ES MarTool 106 ES	**1082 f**	**4102307**
Transmitter for FM 2	Digimar 816 CL MarCator 1088 / 1088W Millimess 2000, 2001, 2100, *µMaxum II*	**2000 f**	**4102309**
Transmitter for FM 2	Digimar 817 CLM	**817 f**	**4102310**
Transmitter for FM 2	Millimar C1208, C1216, C1245, S1840	**RS232 f**	**4102311**
Hand Switch for remote control		**HTF 1**	**4102314**

Features

- Secure data transmission due to the acknowledgement dialog of the received data from the PC to the measuring instrument
- Optical confirmation of received data on the transmitter
- TWIN receiver for USB and RS232 interfaces
- Basic Software consists of a software for a keyboard interface and the software to save data in a Excel column
- 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 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)
- Triggering data via a hand switch is possible
- System Requirements: IBM AT compatible PC, CD- / DVD-drive, Microsoft Windows 2000, Microsoft Windows XP
- Scope of delivery: USB-cable, Driver, Basic software