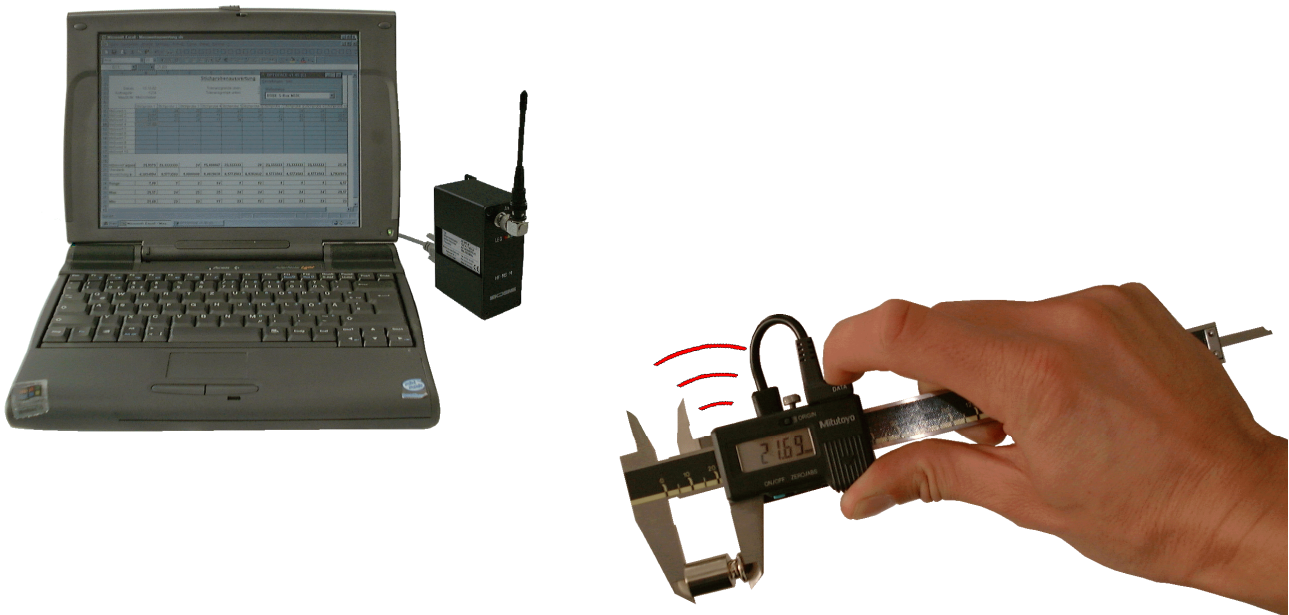


# Radio transmission

Wireless data transmission  
From the measuring tools  
to the PC



- Transmitter for Mitutoyo-, Mahr-, TESA- and OptoRS232-measuring tools
- Receiver with RS232- (Serial port) and Digimatic output or only USB-Port
- Instruction set MUX10\* (e.g. for qs-STAT, STATPAK or other MUX10 compatible programs)
- no cable (between measuring tool and interface)
- no external antenna at the transmitter
- max. approx. 10-15 meters depending on environmental conditions
- Data-transfer with the data-key
- small measurements
- Control-buzzer and LED's to the acknowledgement at the receiver




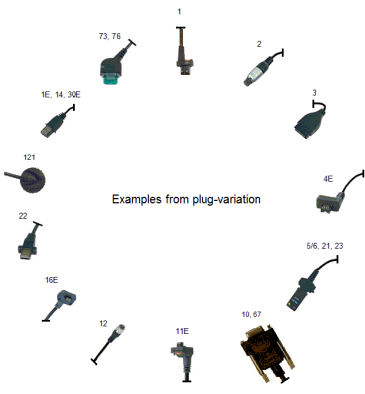
\* The instruction set MUX10 the same is as in the Mitutoyo DMX-1/DMX-3

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## Wireless data transmission

HF-Receiver		
 <p><b>Receiver:</b> Dimension: H 105mm x T 75mm x B 45mm Weight: ca. 300g Supply voltage: 9-15V=, 120mA Transmit power: 10mW Working frequency: Not adjustable, to the selection: On request</p>	<p><b>HF-MS-M</b> The connection of the receiver is carried out via RS232 interface of the computer.</p>	<p>on request</p>
HF-Receiver (SLIM-version)		
 <p><b>Receiver:</b> Dimension: H 20mm x T 84mm x B 72mm Weight: ca. 144g Transmit power: 10mW Working frequency: Not adjustable, on request</p>	<p><b>HF-MS-M/SLIM</b> The connection via USB port, the power supply come from the USB-port, as HF-MS-M.</p>	<p>on request</p>
HF-Transmitter		
 <p><b>Sender:</b> Dimension: H 45mm x T 12mm x B 54mm Weight: ca. 30g Supply power: 3V button-battery Transmit power: 10mW Working frequency: Not adjustable, on request</p> <p>Examples from plug-variation</p>  <p>e.g HF-MS-S14</p>	<p><b>HF-MS-Sxx</b> (xx corresponds to the respective plug-variation) Connection at the digital interfaces of different measuring tools. <u>Plug-variation:</u></p> <ol style="list-style-type: none"> <li>1. Mitutoyo-Digimatic – caliper</li> <li>1E. Mitutoyo-Digimatic – caliper/clock (with cable connector 905338), with data-switch on transmitter</li> <li>2. Mitutoyo-Digimatic – micrometer/kroplin digitaler gauge to Schnittstellenkonzept v2.0 (6pole)</li> <li>3. Mitutoyo-Digimatic - ID-F-clock (10pole)</li> <li>4E. Mahr- for the types EX, with data-switch on the transmitter</li> <li>5/6. OptoRS232 from Sylvac, Mahr, Tesa, Tesa capa μ, Helios, Preisser u.a.</li> <li>9. Bareiss HPE (8pole)</li> <li>10. Mahr CX1/CX2/Garant HC1/Mitutoyo LH600B/Mahr Millimar S1840 (9 pole)</li> <li>11E. Mitutoyo-Digimatic - caliper IP65/67, with data-switch on the transmitter</li> <li>12. Mahr Extramess 2000/2001 (4pole)</li> <li>14. Mitutoyo-Digimatic – clock; with data-switch on the transmitter and Cable length max. 900mm, standard ca. 500mm</li> <li>15. TESA-Micro Hite 10/11/TESA Hite 350 (8pole)</li> <li>16E. Mitutoyo-Digimatic – micrometer IP65/67, with data-switch on the transmitter</li> <li>18. Mitutoyo-Digimatic – clock; round transmitter</li> <li>19. TESA/Sylvac – clock; round transmitter</li> <li>20. TESA Micro Hite plus M/TESA Hite 400/TESA Hite Magna 400 (9pole)</li> <li>22. Mitutoyo-Digimatic-clock IP66 (Typ ID-B a. ID-N)</li> <li>26. Mahr Perthometer M1 (9pole)</li> <li>27. Quadracheck QC 200 (9pole)</li> <li>30E. Mitutoyo-Digimatic - clock (575-121), with data-switch to the transmitter</li> <li>50E. Mahr micrometer 40 EWR (measuring device plug DK-D1), with data button on the side of the transmitter</li> <li>51E. Mahr micrometer 40 EWR (measuring device plug DK-D1), with data button on top of the transmitter</li> <li>58. Stahlwille electromechanical torque series MANOSKOP 730DR</li> <li>61. Karl Deutsch Leptoskop 2042 (connector type FFA.0S)</li> <li>62. Karl Deutsch Echometer 1075, 1076 (connector type FGG.00)</li> <li>67. Mettler Toledo scales Typ PB-S</li> <li>68. Kern-scales Typ 571/ALJ/ALS/PLJ/PLS</li> <li>73. Sylvac Proximity - caliper</li> <li>74. Mahr Digimar 817CLM</li> <li>76. Sylvac Proximity – clock</li> <li>78. Mahr C1208</li> <li>79. Mahr Digimar 816CL</li> <li>80. Bowers Holematic XB</li> <li>121. TESA TWIN-CAL IP 40/67 caliper</li> </ol> <p>---other transmitter on request---</p>	<p>on request</p>
<p><b>About which plug-variation it is declares request with the order of the station!</b></p>		
<p>The current prices on request plus statutory VAT and freight/packaging.</p>		

**In the moment existing frequency (not adjustable)**

433,920 MHz	434,075 MHz	434,600 MHz	434,700 MHz	868,300 MHz	868,6625 MHz
869,2125 MHz	869,2750 MHz	869,3625 MHz	869,750 MHz	869,800 MHz	869,9250 MHz