

# Wedge/USB Base receiver

Product Overview  
September 2022



*MobileCollect Wireless*

**MICRORIDGE**

*Measurement Collection Specialists  
Connect Any Gage into Any Software*

# Overview

- The Wedge Base receiver sends measurement data into Excel, Access, Minitab, and cloud-based data collection programs without using keyboard wedge software

	A
1	VALUE
2	3.25
3	

	A	B
1	VALUE	UNITS
2	3.25	oz
3		

	A	B	C	D
1	DATE	TIME	VALUE	UNITS
2	11/20/2021	3:00p	3.25	oz
3				

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# Features

- Compatible with:
  - All MobileCollect transmitters (Mobile Modules & Remotes)
  - Mitutoyo UWave transmitters (non-Bluetooth models)
  - ANY program that accepts keyboard entry
  - Operating systems that recognize human interface devices (HID)
- International keyboard support
- Foot / Hand Switch input



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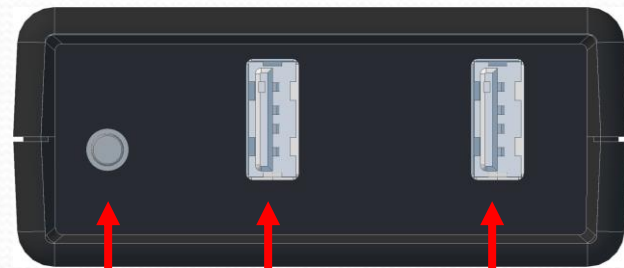


# Product Images



Foot / Hand  
Switch input

Status  
LEDs



Reset  
button

USB Wedge  
port

USB Serial  
port

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# USB Outputs

## USB Keyboard wedge

- USB connection to computer powers the Wedge Base
- Use to send measurements into programs that require a keyboard wedge
- Examples: Excel, Access, Minitab, and cloud-based data collection applications

## USB Serial (virtual COM port)

- USB connection to computer powers the Wedge Base
- Use when connecting to the MobileCollect Xpress or Extended Setup programs
- Can send measurements into PC-based data collection programs

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# Send Data Into Excel

- Connect the receiver to the computer using the **USB Wedge** output
- Open an Excel spreadsheet
  - Take a measurement
  - Press the **SEND** button on the data cable or transmitter
  - Data appears in the active cell and the cursor moves to the next row or column

	E	F	G	H	I	J	K	L	M	N	O	
	1	2	3	4	5	6	7	8	9	10	11	COMMENT
601	OD 72.921	ID 50.934	62.0 step	GAL 9.00	R2.00 face off	R2.00 cut-off	Radius Blend w/Datum A	chamfer height	OD Range height	45°_05	1.6 Ra	
602												
603												
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617	72.933	50.936	62.066	9.002	p	p		8.116	8.500	0.122	1.512	pos
618	72.932	50.933	62.066	9.001	p	p		8.102	8.502	0.106	1.420	pos
619	72.936	50.929	62.078	9.012	p	p		8.294	8.506	0.089	1.350	pos
620	72.930	50.943	62.040	9.018	p	p		8.100	8.510	0.122	1.420	pos
621	72.929	50.938	62.058	9.004	p	p		8.108	8.506	0.101	1.350	pos
622	72.933	50.944	62.070	9.013	p	p		8.108	8.502	0.110	1.220	pos
623												
624												
625												

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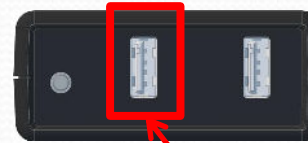
# Setup Diagram



## Wedge/USB Base receiver



Wedge port    Serial port



USB connection provides data transfer function and powers the receiver unit

Connect the USB cable to the Wedge port and the computer USB port



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# Use With

Data collection programs requiring a keyboard wedge

## Windows

- Excel spreadsheets
- Access databases
- Minitab
- LabVIEW
- QI Macros

## Web / Cloud

- 1factory
- PLEX
- CEBOS
- Google Docs

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# Supported Keyboards

- United States
- Canada
- Mexico
- Latin America
- Australia
- United Kingdom
- France
- Belgium
- German

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# Operating Systems

- The Wedge Base is compatible with operating systems that recognize human interface devices (HID)
  - Windows (Win7 and newer)
  - Chrome OS
  - Apple iOS
  - Linux
- Note: Setup must be done on a Windows PC if using the Xpress or Extended Setup programs

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# Ordering Information

- Description: Wedge/USB Base receiver
- Part Number: MC-BASE-KW
- Unit Price: Contact MicroRidge for current pricing

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# Contact MicroRidge

- **Office Information**

- Hours: 8a to 4:30p Pacific (Mon-Fri)
- Phone: 541-593-1656
- Fax: 541-593-5652
- Website: [www.microridge.com](http://www.microridge.com)
- Email: [info@microridge.com](mailto:info@microridge.com)

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