

# Base Receiver EVO – Change Keyboard Wedge Speed

## APPLICABLE DEVICES

WEDGE BASE (MC-BASE-KW-EVO) | MICROBASE EVO USB A (MC-MB-EVO-A) | MICROBASE EVO USB C (MC-MB-EVO-C)

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## 1. Keyboard Wedge Issues with Cloud Based Programs.

The integrated Keyboard Wedge output on MobileCollect Bases allows gage data entry into any program. Data can be entered directly into any field that a user can manually type data into. MicroRidge’s Keyboard Wedge technology works by sending keyboard keystrokes via the Base Receiver acting like a secondary keyboard to the receiving device and fills out the desired text field.

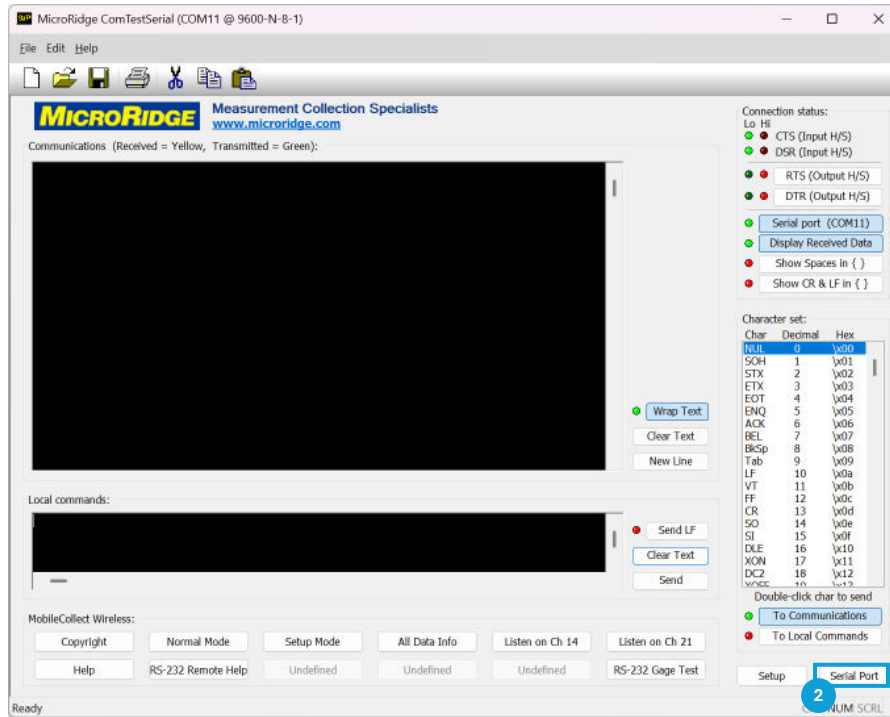
Keyboard Wedge output is frequently used to send data to cloud-based programs, including the latest Microsoft Office products. In some cases, the speed of MobileCollect’s Keyboard Wedge Output is too fast for the destination program and leads to incomplete data packets and other entry inconsistencies.

The MobileCollect Base Receivers have the ability to change the Keyboard Wedge output speed to remedy this issue. This setting is changed directly in the base with a serial command. A program such as ComTestSerial is required to utilize this command.

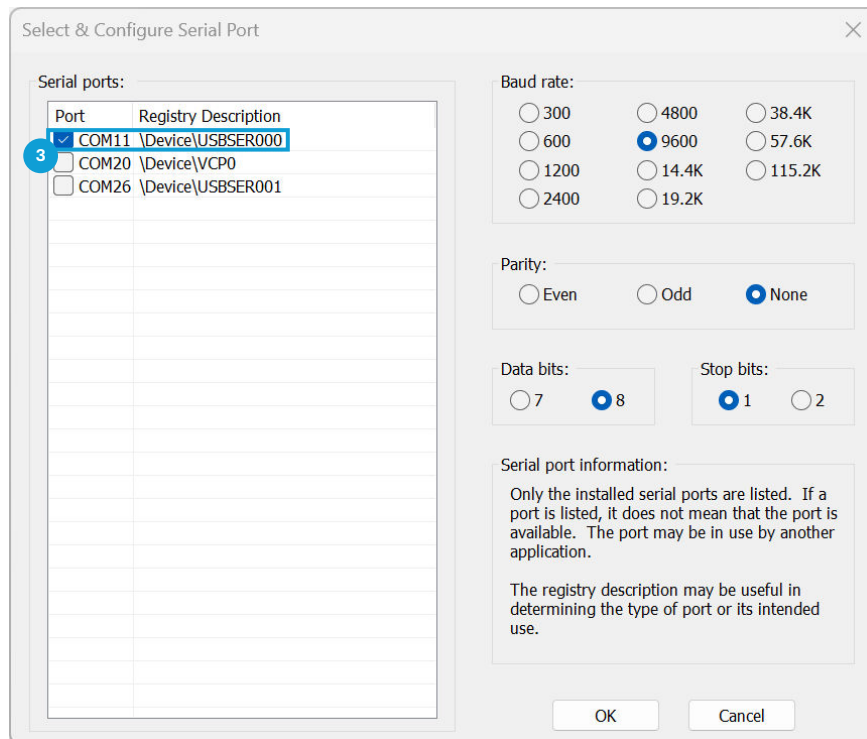
## 2. Change Keyboard Wedge Output Speed in ComTestSerial

Open ComTestSerial, MicroRidge’s serial communication test program. ComTestSerial can be downloaded at [microridge.com/comtestserial](http://microridge.com/comtestserial). ComTestSerial is also installed with the Xpress and Extended Setup Programs and can be accessed from the program via the “Utilities” Menu.

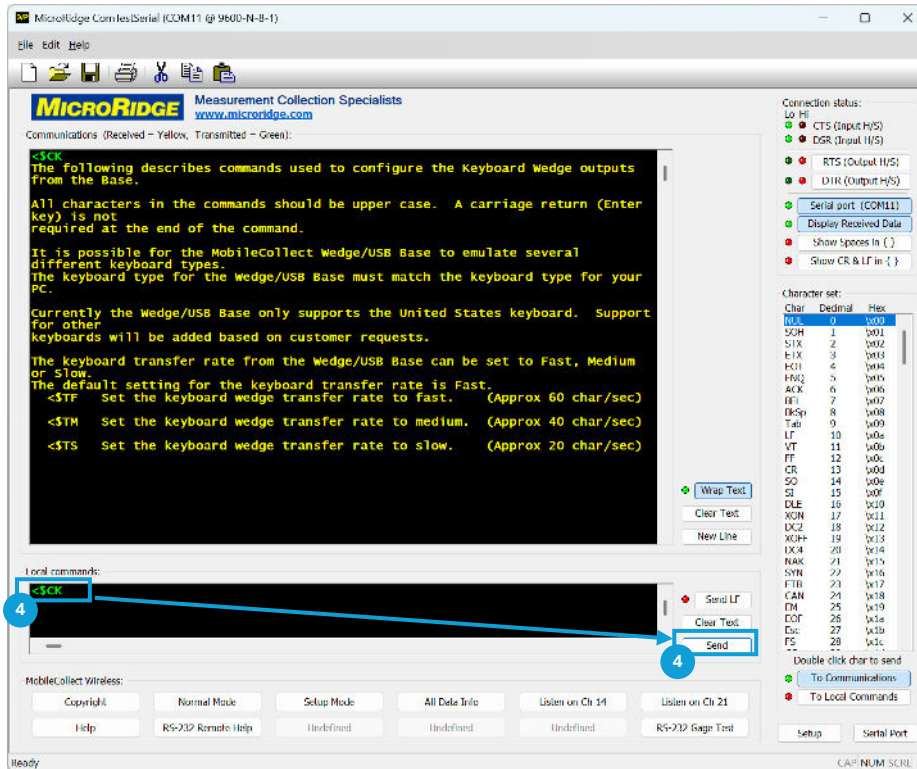
1. Ensure the MobileCollect Base is connected via USB to the PC.
2. Next, open the “Serial Port” Menu to view all the available COM Ports that ComTestSerial has detected.



- The “Select & Configure Serial Port” menu lists the available serial ports that ComTestSerial has detected. EVO Series Bases will have the “Registry Description” format “\Device\USBSERXXX”. Select the appropriate COM Port for the EVO Base Receiver. In this guide, the target Base is on COM11. *Note: The COM Port can be verified to be connected to the target base by sending data from a transmitter to the Base. If the right COM Port is selected, gage data will appear in the main window of ComTestSerial.*



4. Type in the Keyboard Wedge settings serial command, “<\$CK”, into the lower “Local commands” Window. The command is case sensitive. Hit the “Send” Button to send the command to the Base Receiver. The Base Receiver will reply with settings options yellow text.
  - a. Note: Serial Commands Help can always be accessed by entering “<H”



5. Enter the setting command for the desired speed into the lower “Local commands” Window and press the “Send” Button. A confirmation message will appear. We recommend sending data to your desired program at Medium speed to verify if the data entry issues still persist before going to Slow speed.
  - a. <\$TF – Fast speed, ~60 characters/second
  - b. <\$TM – Medium speed, ~40 characters/second
  - c. <\$TS – Slow speed, ~20 characters/second

