

CodeXML™ M3 Bluetooth® Modem Installation as a USB Keyboard

Cable Installation

Attach the end of the USB cable to the CodeXML™ M3 Bluetooth® Modem (Figure 2). Plug the USB connector into the USB port on the computer (Figure 3). Once plugged in the modem's blue LED light will flash.



Figure 2



Figure 3



USB Cable installed to
CodeXML™ M3 Bluetooth® Modem

Connecting with QuickConnect Code

Scan the QuickConnect Code on the label of the CodeXML™ M3 Bluetooth® Modem using the Code Reader with which you wish to establish a paired connection. The reader and computer should connect within 10 seconds. The reader will beep once as confirmation, the modem's LED light will become solid once the connection is established. If the reader does not connect, the reader will beep four times in rapid succession.

Establish Mode

Establish connection (see above), then scan the USB Mode code (M708_01). Scan the QuickConnect Code again. You are ready to begin reading bar codes and transmitting data to the computer.

USB Mode



M708_01

Keyboard Input (USB)

The modem is defaulted to English language keyboards. If you need to communicate in a different language requiring a change in keyboard settings, please scan the appropriate code below, after connecting to the modem:

English (Default)



M590_01

Universal



M591_01

French



M594_01

German



M595_01

Japanese



M596_01

Non-printable ASCII Keyboard (No Leading 0)



M593_01

Non-printable ASCII Keyboard (Ctrl + character)



M597_01

CodeXML™ M3 Bluetooth® Modem Installation as a RS-232 (Serial)

Cable Installation

Attach the end of the RS-232 cable to the CodeXML™ M3 Bluetooth® Modem (Figure 4). Connect the RS-232 adapter to the back of the computer (Figure 5). Connect the RS-232 cable to the power supply (Figure 6). Plug the power supply into a wall socket (Figure 7). Once connected the Modem's blue LED light will turn on.



Figure 4



Figure 5



Figure 6



Figure 7

Connecting with QuickConnect Code

See instructions on page 2 for establishing a Bluetooth connection between the modem and the reader.

Establish Mode

Establish connection (see page 2), then scan the RS-232 Mode code (M661_01). Scan the QuickConnect Code again. You are ready to begin reading bar codes and transmitting data to the computer.

RS-232 Mode



M661_01



RS-232 Cable (Left), CodeXML™ M3
Bluetooth® Modem (Center), Power
Supply (Right)

Change Baud Rate Settings: Scan the appropriate code below, after connecting to the modem:

Note: Codes only affect Baud Rate for the modem and do not affect any settings on Code Readers.

9600 (Default)



M316_01

19200



M317_01

38400



M318_01

57600



M319_01

115200




M320_01

Default Modem settings:

Baud Rate: 9600
Stop Bits: 8
Parity: None
Stop Bits: 1
Hardware: None



Modem Firmware Version Output & Values (for reference only):

For All Readers: Scan to View Firmware Version	VVVVvvvCKPE BaudString:	
	VVVV	4 digit firmware version
 M321_01	vvvv	Not Applicable to the CodeXML™ M3 Bluetooth Modem
	C	1 digit comm mode: 1=RS-232, 2=Wand Emul., 3=USB KBD
	K	Keyboard Map, same as reader host ICD setting 0x2d
	P	1 digit packet protocol: 0=Raw, 1=SPX packet, 2=Code Reader packet
	E	Pre-emptible Mode 1=enabled, 0=off/disabled
	M	Max Packet Sized (Firmware version 1080 and Higher) 1= enabled, 0=off/disabled
	BaudString	spx: Baud:DataBitsParityStopbits

CodeXML™ M3 Bluetooth® Modem

Important Note:

The CodeXML™ M3 Bluetooth® Modem has been tested for compliance with FCC and CE regulations and was found to be compliant with all applicable FCC Rules and Regulations. FCC ID#: QQ6-XML02
Model #: BTHDG-M3-RO-CX

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes made by the user not approved by Code Corporation can void the user's authority to operate the equipment.

To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance are not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

US Patent: US 7,240,831, Patents Pending.



CodeXML™ M3 Bluetooth® Modem - Multiple Interface Unit (MIU)

The CodeXML™ M3 Bluetooth® MIU Modem is an external PC accessory designed to be connected to a computer for use with a Code Reader (CR2 or CR3). The Modem enables a reader to wirelessly transmit data to the computer without installing any software or drivers. The Modem can accommodate USB and RS-232 (Serial) cables (Figure 1).

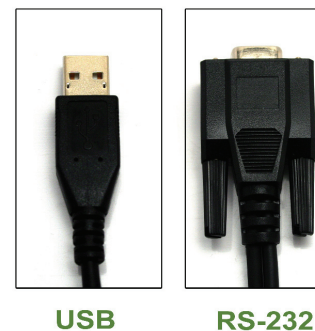


Figure 1



CodeXML™ M3 Bluetooth® Modem

The CodeXML™ M3 Bluetooth® Modem is 'plug & play.' You simply plug-in the Modem, scan the QuickConnect code on the Modem label and start transmitting data from Code Readers without downloading any drivers or software. The Modem can receive Bluetooth signals from up to 300 feet (100 meters) away.

For assistance, contact Code Technical Support at: (801) 495 2200; or by email: support@codecorp.com

