

CodeXML M3 Bluetooth® Modem Installation with USB Cable

Cable Installation

Attach the end of the USB cable to the CodeXML M3 Bluetooth® Modem (Figure 2). Connect the USB connector to the host computer (Figure 3). Once connected the modem's blue LED light will turn on.



Figure 2



Figure 3



USB Cable installed to CodeXML M3 Bluetooth® Modem

Establish Mode

Scan the USB Mode code (M708_01-right). You are ready to begin reading bar codes and transmitting decoded data to the host computer.

USB Mode



M708_01

Connecting with QuickConnect Code

See instructions on page 3 for establishing a paired connection between the modem and the host computer.

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:

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

Connecting with QuickConnect Code (for all cable types):

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 to a host computer. The reader and host computer should easily connect within 60 seconds. The Code reader will beep once and flash both LEDs green as confirmation. If the reader and computer do not connect, the reader will beep three times in rapid succession and flash red LEDs.

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

For All Readers: Scan to View Firmware Version	VVVVvvvvCKP BaudString:	
	VVVV	4 digit firmware version (MSP430 firmware version)
	vvvv	4 digit firmware version (TUSB firmware version)
	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, 4=Encrypted Packet Format, 5= Protocol Version (AES)
	BaudString	spx: Baud:DataBitsParityStopbits

CodeXML M3 Bluetooth® Modem Important Note:

The CodeXML Modem has been tested for compliance with FCC 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.

Cable Installation

Attach the end of the RS-232 cable (pictured below) to the CodeXML M3 Bluetooth Modem (Figure 7). Connect the RS-232 adapter to the back of your computer (Figure 8). Connect the RS-232 cable to the power supply (Figure 9). Plug the power supply into a wall socket (Figure 10). Once connected the Modem's blue LED light will turn on.



Figure 7

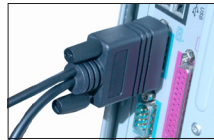


Figure 8



Figure 9



Figure 10

Connecting with QuickConnect Code

See Page 2 for instructions to establish a paired connection between the Modem and the host computer.

Establish Mode

Scan the RS-232 Mode code (M661_01-right). You are ready to begin reading bar codes and transmitting decoded data to a host computer with any open software application that accepts data from RS-232/Serial input

Change Baud Rate Settings: Scan the appropriate code below:

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

1200 M313_01	2400 M314_01	4800 M315_01	9600 (Default) M316_01
19200 M317_01	38400 M318_01	57600 M319_01	115200 M320_01

RS-232 Mode

M661_01

Default Modem settings:

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



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

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

The CodeXML M3 Bluetooth® MIU Modem is an external modem designed to be connected to the host computer in use with a Code reader (CR2 or CR3). The Modem enables a reader to wirelessly transmit captured and decoded data to its host computer. The Modem can accommodate cabled attachment with two connector types (Figure 1).



USB RS-232

Figure 1

CodeXML M3 Bluetooth®Modem MIU

The CodeXML M3 Bluetooth® Modem is 'plug & play.' You simply plug-in the Modem 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