
M2200 Bluetooth Module Installation Guide

To install the Bluetooth module in the M2200, first **ensure that the M2200 is unplugged from the power supply.**

Step 1

Remove the top cover from the M2200.



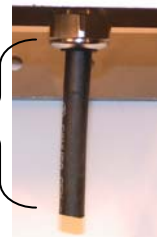
When removing the top cover, note that the keyboard is connected to the electronics card on the top right-hand side. Disconnect the keyboard connectors in order to completely remove the cover.



Step 2

Install the Bluetooth module on the rear side of the M2200 structure. Put the antenna through a cable gland, and keep in mind that the antenna must extend at least 35 mm from of the M2200 housing. Remember to tighten the cable gland.

Minimum
35 mm





Step 3

When the Bluetooth module is in place, connect the wires on the front side, to the first RS232 port to the left.

Remember that at this point the power has to be disconnected.

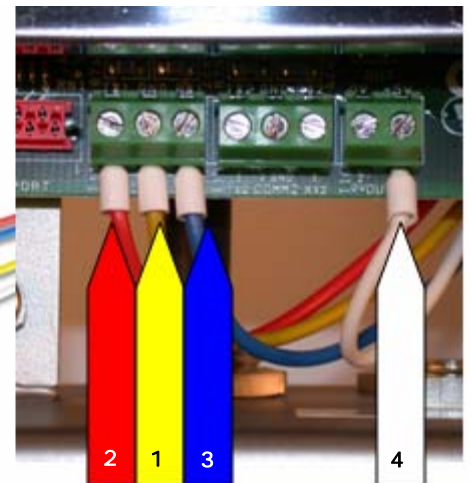
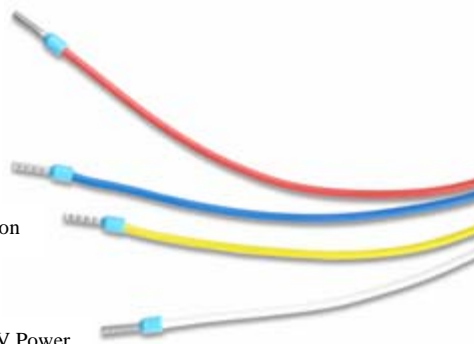
- 3.1. Connect the **YELLOW** wire (Common) to the **center** terminal of the RS232 3pin connector.
- 3.2. Connect the **RED** wire (RX) to the **LEFT** of the yellow wire (to the Tx terminal in M2200).
- 3.3. Connect the **BLUE** wire (TX) to the **RIGHT** of the yellow wire (to the Rx terminal in M2200)
- 3.4. Connect the **WHITE** wire to the **+5V** output on the dual terminal connector.

Red, RXD, Connect to RS-232 Tx

Blue, TXD, Connect to RS-232 Rx

Yellow, GND, Connect to RS-232 Common

White, +VIN, Connect to +5V Power

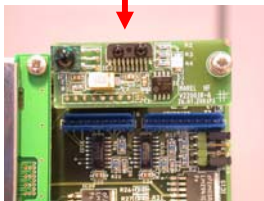


Step 4

Return the cover to the M2200 bottom plate, and make sure you reconnect the keyboard connectors to the V2200 board. Tighten the screws, and finally reconnect the power.

You can now test the module with a Bluetooth hand-held PDA.

IrDA chip



Note: It is recommended to remove the IrDA connector from the top right-hand part of the V2200 board (addon), if it is installed, as the IrDA connection might cause some problems when using the Bluetooth connection.

The IrDA connection can be identified by a special IrDA chip as seen on the picture to the left.