

Description of Operation Principle

This device is connected to PC or other host devices through USB connector on one side, and propagates microwave signals from the antenna on the other side.

The microwave signals in the air are received by the antenna of the receiver, through Tx/Rx switch which is controlled by the transceiver, then mixed with the 12MHz signals generated by the crystal, and down convert to frequency of base-band. The signals from the transceiver finally transfer to USB signals through base-band controller and exchange data with PC or other host devices.