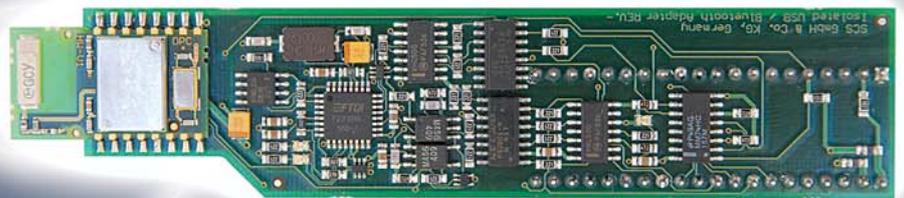




# BT Modul

for the PTC-IIusb

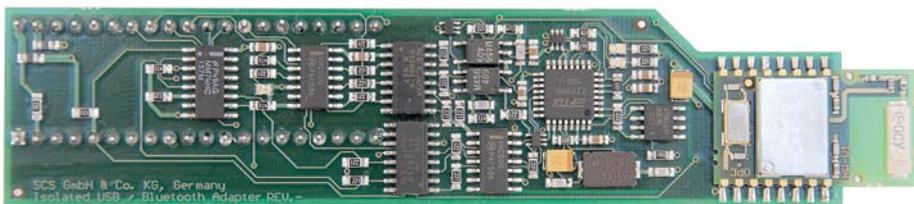
Integrate your PTC-IIusb wireless to your bluetooth net



**SCS**  
the pactor creators

# BT Modul

## Using Bluetooth with your PTC-IIusb



The PTC-IIusb is now available with optional Bluetooth. Bluetooth is a low power high frequency (2.4 GHz) radio link which serves as a cable replacement for short distances. In the interference susceptible shortwave environment of the PTC-IIusb, the USB cable connection between the modem and the PC can be eliminated.

### Option for PTC-IIusb

- You can order the PTC-IIusb with Bluetooth option already installed, or you can get an existing PTC-IIusb extended for Bluetooth by an authorized dealer or by SCS. For the prices for both versions please refer to the price list or ask your dealer.
- If the USB cable is connected between the PTC-IIusb and the PC, then Bluetooth is always disabled, USB always has priority! This decision is made by the PTC-IIusb at power-on. Never change the configuration whilst in operation.

### Advantage for running the PTC-IIusb with BT Option

- The data stream signal of a USB interface is located in the middle of the shortwave bands. Therefore, the USB data signal cannot be separated from the shortwave signal being transmitted or received by simply filtering. Mutual interference is possible, especially where the antenna is located close to the modem/PC setup (ship borne installations). Mutual interference in this case means that the transmitted HF-signal can disturb the USB data stream between PC and modem, as well the USB data stream can disturb the radio reception of shortwaves. Bluetooth can help solve this problem, as Bluetooth and shortwave radio signals don't interfere with one another. Additionally, eliminating the USB cable connection, the danger of ground loops and parasitic currents distorting the radios signal modulation are removed, which will lead to a better transmission quality.



Many modern laptop computers are already equipped with Bluetooth. If not, the user needs to purchase a "Bluetooth stick" which is plugged into a free USB connector. Bluetooth sticks of various brands are available from computer stores. The installation should be done in accordance with the instructions of the Bluetooth stick vendor. It supplies a manager software which helps you to find the modem quickly and get connected to it wireless. A virtual COM port is created which you use to setup the terminal software you operate the modem with. For further information refer to the installation manuals for the Bluetooth stick and the SCS Bluetooth module.



# SCS

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