



FlexiPanel

# HappyTerminal™

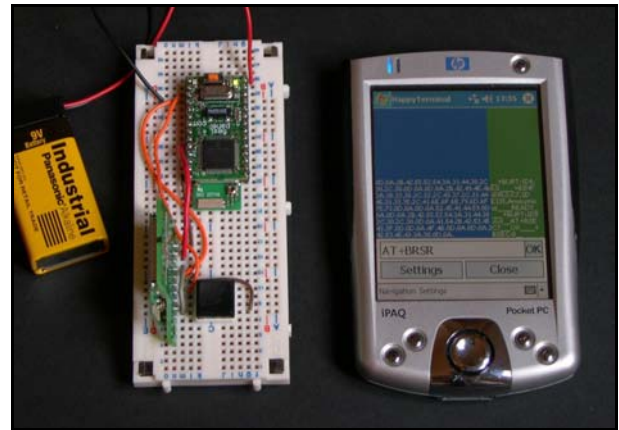
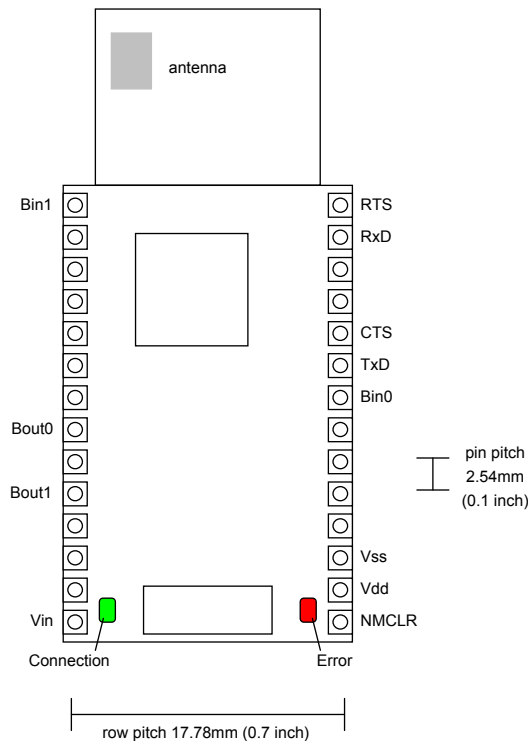
TTL Level Terminal Emulator for Serial I/O

## Summary

HappyTerminal is a terminal emulator for monitoring and injecting TTL-level serial data in digital electronic circuits and prototypes. Its Bluetooth radio allows any Bluetooth-equipped Windows PC or Pocket PC to act as the user interface.

## Hardware Features

- Baud rates 1220 to 115200 bits/s
- Green connection indicator LED
- Red serial error indicator LED
- On-board buffers / inverters for signal conditioning
- FCC / CE certified Class I Bluetooth V2.0 radio, 100m range, integral antenna
- Onboard power regulator, 3.3V – 10V supply.



HappyTerminal shown connected to a BlueMatik Bluetooth radio

## Firmware Features

HappyTerminal uses a FlexiPanel User Interface server allowing any Pocket PC or Windows PC with Bluetooth to display and enter data:

- ASCII data display or 'debug' mode with dual hexadecimal and ASCII display
- ASCII or hexadecimal data entry
- Transmit echo, CR and LF controls
- Receive line wrap and LF controls
- Actual baud rate achieved indicator
- Hardware flow control or no flow control.

## Customization

- Firmware C source code available
- Customization possibilities include faster sampling rates and power saving modes

Manufactured to ISO9001:2000



FM76316