

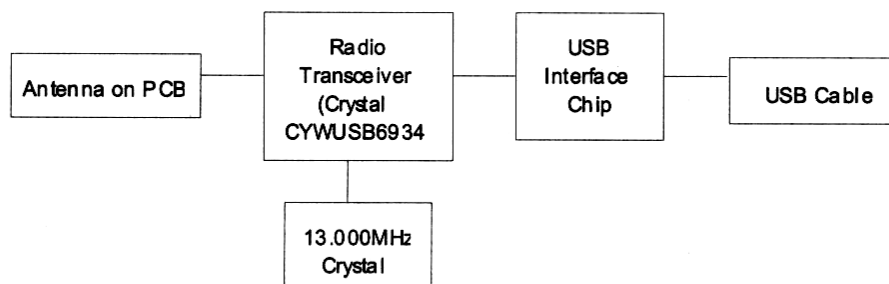
TranzPort Information

Operational Description

The TranzPort consists of two pieces of equipment. The Bridge is a USB computer peripheral with a radio transceiver. It receives power from its USB connection. The Bridge communicates with the Remote, which is a battery-operated remote control with switches, LED's, and an LC. The same radio transceiver circuit and layout is used on both pieces.

During normal operation, the Remote transmits a packet of data to the Bridge many times a second and the Bridge responds. The Remote's transmission may include information about switch presses which is sent via USB to the computer. The Bridge's response both acknowledges the Remote's transmission and may include data from computer to be displayed on the Remote's LED's or LCD.

Bridge Block Diagram



Remote Block Diagram

