

3.3 Functional Description

The keyboard system is based upon a SAA3004 remote control circuit. The SAA3004 performs keyboard scanning and debouncing and converts the key reference to a serial format that may be read by the microprocessor.

It is only necessary with 2 wires between keyboard and microprocessor, 3 to 4 keyboards may be connected in parallel, and a remote keyboard at a distance of at least 30-40 metres is possible.

3.4 Keyboard Circuit Diagram

The diagram consists of 1 page.