

Operational Description

FCC ID: LYN20TX

Description of Permissive Change

The RF-Microprocessor was changed. Also there was the thru-hole components were changed to SMT.

- 1) The Product Number was changed from: SK98SX to: SK0418TX.
- 2) The RF transmitter microprocessor was changed From: #TX5002 (by RFM) to: RFPIC12F675FT (by Microchip).
- 3) The Crystal was changed from: EFO-S4004E5 (by Panasonic) to: 16876 (by Crystek).
- 4) Voltage Regulator from: Firmware solution to: MCP1701T (by Microchip).
- 5) The Membrane Connector: was changed from 520315-8 (by Avnet) to FH10A-16S-1SHB (by Hirose).
- 6) The LED was changed from: 3513230 (by Xicon) to: LS M676-P2P1 (by Osram).

Description of SideKeys TM

This device is a wireless transmitter of nine keys. The handheld keypad sends an RF signal to a matched receiver connected to the CPU of a personal computer. The receiver is connected to the computer between the computer's normal keyboard and its CPU. The computer's normal keyboard and mouse remain connected, active, and usable. There may be several remote SideKeys keypads matched to the same receiver, allowing several users to access one computer.

The SideKeys transmitting keypads has nine individual switches. When a switch is pressed, the transmitter sends a fixed Wireless 418 MHz Modulated Radio Frequency signal to the matching receiver. This fixed signal indicates which transmitter is being used and on which one the individual switches was pressed. The signals sent are a finite number of predetermined codes, as in a remote control security device. These codes are sent one at time for a single, predetermined meaning, not strung together in different orders to get different meanings. The receiver converts this fixed signal into the prescribed scan code signal and sends it on to the computer's CPU to enter the desired keystroke.

The SideKeys transmitting keypads are matched to the receiver and the individual keys are defined in the receiver by following the three simple steps described on the receiver.