# Operational Description for Wireless Keypad, FCC ID: P4PRF-525

The EUT is Wireless Keypad, FCC ID: P4PRF-525, Model RF-525, RF-530 and RF-540. These models have identical electrical design and mechanical construction except minor appearances are different for marketing purpose. We took model RF-525 as worst-case EUT for the test after these models had been pre-scanned. It consists of one wireless transmitter supplied from DC 3V (Battery size AAA 1.5Vx2), and one receiver connected to USB port rated DC5V from PC. About the EUT installation is listed as below:

(A) Turn on PC to start Windows 98/Me/2000 then connect the EUT receiver to PC USB port.
(B) For Windows 98, [New hardware] shows on screen, then click [Next] button on screen and directed by following guidance to finish installation.
(C) For Windows 2000, [New hardware] shows on screen and it will complete the installation automatically.

Two operating channels rated 27.145MHz and 27.045MHz are available and controlled by select switch at the side of transmitter and the bottom of receiver. The specifications are listed as below:

| Parameter of Technical Spec. | Description |
|---|---|
| 1.  Channel No./Control Mode | 2 channels/Controlled by switch |
| 2.  Operating Fundamental Frequency | 27.145MHz and 27.045MHz |
| 3.  Operation Temperature/Voltage Range | 0~10℃; DC 1V~5V |
| 4.  Power Input of Receiver (EUT-Rx) | DC 5V from PC USB port |
| 5.  Power Input of Transmitter (EUT-Tx) | DC 3V (DC 1.5V batteries size AAA×2) |
| 6.  Transmitting Bandwidth | ±4KHz |
| 7.  Transmitter/Receiver Antenna Type | Integral on PCB |
| 8.  Modulation Type | FSK |