Wireless Buzz!™ Buzzers operation descriptions

1) The Wireless Buzz!™ Buzzers is a bi-direction communication application, one USB Receiver can be paired with 4 Pods at most. The USB Receiver and Pods are bound as a fixed system.

2) The USB Receivers is master device at all time. The Pods are slave devices. The USB Receiver transmits request signal actively always. The Pods keep as receiving status always before it receives a request from USB Receiver. If a Pod receives a request from the USB Receiver, it respond a acknowledge signal to USB Receiver immediately

3) The time slot of transmitting a request signal and receiving an acknowledgement of Pods is 0.75ms.

4) We use time-sharing technology to let all 5 devices (1 USB Receiver and 4 Pods) working in a same channel. As the USB Receiver poll the Pods very quickly, the end user seems that 4 Pod are communicated with USB Receiver simultaneously. Each Pod has one ID