

## **PS3 "Tony Hawk: Ride" Skateboard Controller Operation Principle**

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### **Station Side Radio (Dongle)**

Station side radio always send RF signal at intervals, and it also receives, unpacks, and sends the data to the Wii Console. Station side radio system will enter Search mode and send sync packets after being powered on, and then wait for response from the skateboard controller. If a response packet is received, the Station side radio system will enter normal working mode. Then, if station side radio system losses synchronization, it will enter search mode. Station side radio system is powered by console (5V(USB)), current consumption is about 30 mA in normal working mode.