

## **OPERATING THEORY**

BlueTooth is not designed for complicate purpose such as cellular phone. It is designed for normal consumer electronic use and the data rate is quite low. So, it does not to use full-duplexing technique on BlueTooth Device.

Once the link has been established, the master will determine the pseudo random code used. Master and slave is both operating in a TDD rule. During master transmitting data, the slave is only in a receiving mode, and vice versa.