

**Body Sound Technologies**  
**Air Link Model: ALNK-A01**  
**Operational Description**

Airlink description:

The AirLink module is a plug in PCB module that can be installed in several BodySound enclosures designed specifically for AirLink Module installation. The module receives 5VDC regulated power from the 26 pin header that is then further regulated locally on the AirLink module to 3.3VDC for specific and exact control of the RF amplifier and modulation. The module sends or receives PCM or AC3 digital audio data in I2C format over the 26 pin header connector. This data is sent or received to/from the Nordic chip set. The Nordic chip set is in control of data formatting and modulation / demodulation. Since the Nordic chip is a transceiver, it is in direct control of the RF amplifier and the RF switches to set the state for transmit or receive. The module will only be installed at the factory or by a factory trained technician. The firmware in the BodySound enclosure will automatically detect and setup the AirLink Module. No user interaction is necessary for operation.