



Installation and Operating Manual

BDA-PS9-37/37-90-N
900 MHz Band Bi-Directional Amplifier



Figure 3: Mechanical Outline

CONNECTIONS

The RF connections are made via two “N-type” female connectors. The RF connector labeled “BASE” must be connected to the antenna pointing towards the base station. The RF connection labeled “MOBILE” must be connected to the antenna / passive DAS facing the area to be covered by the BDA.

The RF connections must be made through cables with characteristic impedance of 50 ohms.

The BDA AC power is accepted through a standard 3-wire male plug (IEC-320) with phase, neutral and ground leads. The AC power is wired to a high efficiency DC switching power supply which is CE and UL approved. The power supply runs the amplifiers and the LED indicators. The metal enclosure of the BDA is connected to ground.

Additional monitoring connectors are available as described in the “Features” section.

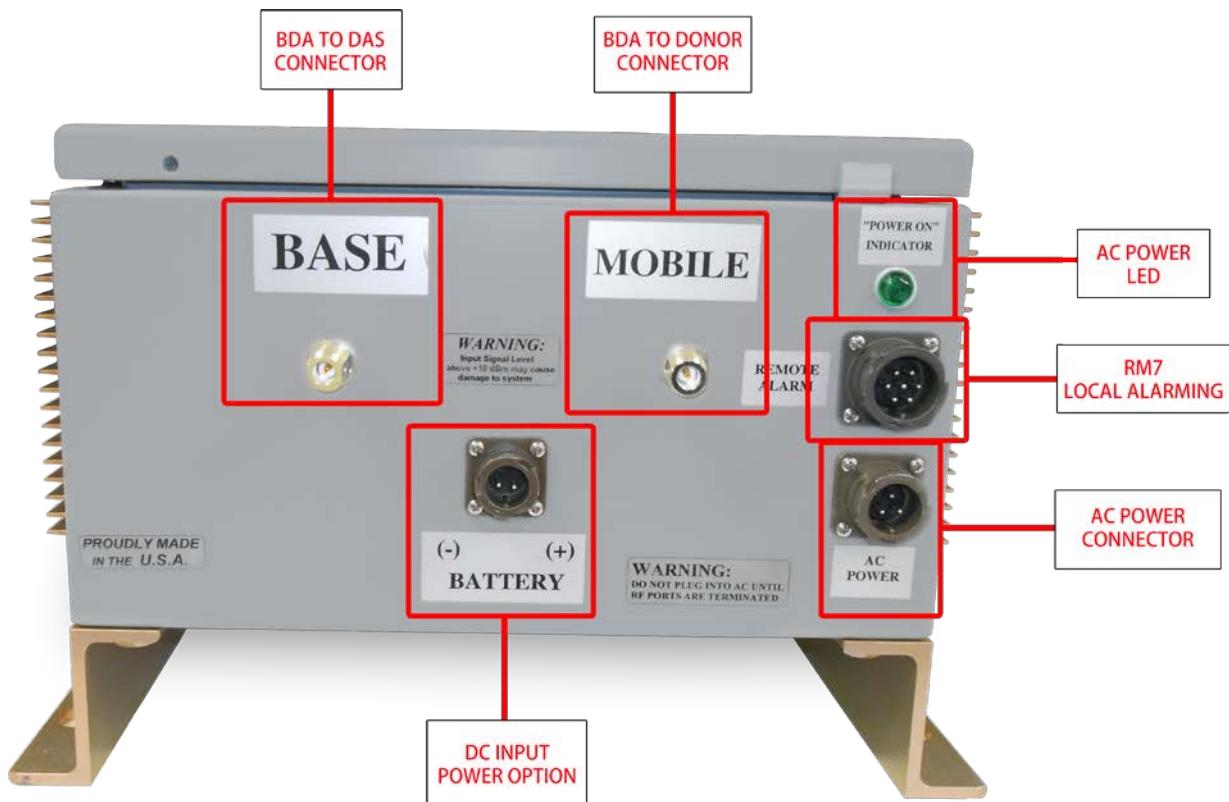


Figure 4: Front Panel Connections