

Operational Description

Model: Forte MA

Forte MA is a hearing aid; the main working principle is: the sound signal by the microphone into electrical signals, amplified by the amplifier, by the receiver will be reduced to an acoustic signal signal to the human ear.

Forte MA amplifier part mainly by the DSP chip and BLE module; DSP chip core algorithm processing, such as reducing noise, howling suppression, voice enhancement and so on. Mobile APP is responsible for providing user-friendly software UI interface, to achieve human-computer interaction. Mobile APP will pass the data through the BLE protocol to the Bluetooth BLE module, the Bluetooth BLE module and then pass the UART protocol to the DSP, so that the DSP can realize such as frequency response, mode switching, volume addition and subtraction. So as to achieve through the mobile phone APP DSP chip control.

Operating Frequency: 2402MHz~2480MHz

Module Type: GFSK

Antenna Type: Internal Antenna

Antenna Gain: 0dBi

Crystal: 32.768KHz, 16MHz