

# Operation of Description

Model No.: ENCHANT 800

This product is a WIRELESS LARGE MULTI-CHANNEL SOUNDBAR with Bluetooth function, 2.4G Wi-Fi function, 5G Wi-Fi function and 2.4G SRD function.

The EUT received AC 100-240V, 50/60Hz

The EUT Support Radios Application: Bluetooth function, 2.4G Wi-Fi function, 5G Wi-Fi function and 2.4G SRD function.

**The EUT is equipped with ADI21489 (Crystal: 24.576MHz),**

**The EUT is equipped with CS42528 (Crystal: 24.576MHz),**

**The EUT is equipped with SPHE8107S (Crystal: 24.576MHz),**

**The EUT is equipped with STM32F446 (Crystal: 32.768KHz) and (Crystal: 25MHz),**

**The EUT is equipped with MN864788A (Crystal: 27MHz),**

EUT function description	: Please reference user manual of this device
Radio Specification	: Bluetooth V4.2, IEEE802.11b/g/n, IEEE802.11n/a/ac
Operation frequency	: Bluetooth: 2402MHz -2480MHz IEEE 802.11b: 2412MHz-2462MHz IEEE 802.11g: 2412MHz-2462MHz IEEE 802.11n HT20: 2412MHz-2462MHz IEEE 802.11a, 11n HT20, 11ac VHT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5700MHz, 5745MHz-5825MHz IEEE 802.11n HT40, 11ac VHT20: 5190MHz-5230MHz, 5270MHz-5310MHz, IEEE 802.11ac VHT80:5210MHz, 5290MHz, 5530MHz, 5775MHz
Modulation	: Bluetooth: GFSK, $\pi/4$ -DQPSK, 8DPSK IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Data rate	: Bluetooth: 1Mbps, 2Mbps, 3Mbps IEEE 802.11b: 1, 2, 5.5, 11 Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n HT20: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2 Mbps IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n HT40: 15, 30, 45, 60, 90, 120, 135, 150 Mbps IEEE 802.11ac VHT20: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7 Mbps IEEE 802.11ac VHT40: 15, 30, 45, 60, 90, 120, 135, 150, 180, 200 Mbps IEEE 802.11ac VHT80: 32.5, 65, 97.5, 130, 195, 260, 292.5, 325,

	390, 433.3 Mbps
Antenna Type	Antenna 1: External FPC antenna, 2.4G band maximum PK gain 1.91dBi, 5G band maximum PK gain 3.88dBi Antenna 2: External FPC antenna, 2.4G band maximum PK gain 1.64dBi, 5G band maximum PK gain 1.23dBi