

2. PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test(EUT) is the KORI TECH Co., Ltd. Wireless karaoke microphone Model:KT-113MHR(FCC ID : PK8KT-113MHR). This microphone is supply powered by AC/DC Adaptor and Battery. This equipment is low power transmitter intended for wireless microphone with audio data stored in the karaoke DSP chip. And transmit video and audio to CCTV Monitor.

The wireless is support with audio source for FM frequency band of 104.0 ~ 108.0 MHz and Voice support with dynamic microphone.

2.2 General Specification

- Chassis Type	Plastic (Internal copper coating)
- List of Each OSC. Or X-Tal. Freq.(>=1MHz)	X-TAL:11.2896 MHz, 27 MHz, 9.6 MHz, OSC:48 MHz
- Chipset Number	SAM9703 / dream, KT-9703cw32-1 / hynix, 39VF400A / SST HY57V641620HG / hynix, K9F5608UCB / Samsung TMS320DSC21 / DSP, D7225GB / NEC
- RF Frequency Out	104.0 MHz – 108.0 MHz
- Antenna Type	Herix Antenna tunned to 106MHz
- I/O Cable(s)	Unshielded
- Power Requirement	Internal : Lithium Ion Battery (3.7V, 900mA) AC/DC Adapter : DC 5.7 V, 1.2A
- Electric Power	1.5W
- Dimension(LxD)	215 x 48 mm
- Sound source	SAM9703
- Weight	240g
- Image method	NTSC(Standard signal method used in Japan and the U.S.)
- Memory built in	48Mbyte
- SD Card	Available to use 64mbyte at maximum
- Method for PC communication	USB V1.1