

MODEL: **SS-201**

**AM/FM/SSB
10 METER HAND HELD**



- AM/FM/SSB PLL SYNTHESIZER SYSTEM
- FREQUENCY READ OUT
- 5-PRESET MEMORY & ACTIVE CHANNEL SCAN
- 1KHz/ 10KHz/ 100KHz FREQUENCY RESOLUTION
- $\pm$ SHIFT FREQUENCY

SPECIFICATION

■ GENERAL

- Frequency coverage 28.000MHz -29.699MHz
or 25.165MHz to 29.695MHz(454CH)
- Frequency resolution 1KHz/ 10KHz/ 100KHz step
- Emission mode A3E, F3E, J3E
- Channel control P.L.L Synthesizer
- Frequency stability ± 500 Hz
- Usable Temperature -10°C ~ +60°C
- Antenna impedance 50 ohms unbalanced
- Voltage operation DC 9V ~ 13.2V
- Receiving system Double conversion super heterodyne
- Dimensions(WxHxD) 65 x 37 x 167mm
- Weight (Net) 0.5 Kg (with ANT, 9pcs Battery pack)

■ RECEIVER SECTIONS

- Intermediate 1st 1F: 10.695MHz
2nd 1F: 455KHz
- Receiver clarifier range ± 1 KHz Variable
- Sensitivity at 10dB S+S/N AM 0.5uV, FM 0.25uV
SSB 0.25uV
- Adjacent channel rejection 60dB
- Image rejection (1st 1F/2nd 1F) 60dB
- Signal to noise ratio at 1mV input 40dB
- AGC figure of merit at 50mV input 80dB
- Power output at 1mV input, 8 ohm
Undistorted(10% THD) 150mW
Maximum 250mW
- Current consumption(No signal) 40mA

■ TRANSMITTER SECTIONS

- RF power output AM/FM 4 Watts max.
SSB 6 Watts PEP
- Frequency accuracy ± 500 Hz
- Spurious radiation & harmonic Signal radiation ratio
from Fundamental -70dB
- Current: consumption at unmodulated 1200mA
- Microphone Sensitivity AM 5mV for 50% mod
FM 5mV for 1.5KHz
SSB 5mV for 2 Watts PEP
- Microphone Amplifier:
AM 50dB (between 98% and 80% modulation)
FM 50dB (between 2KHz and 2.2K max.)
SSB 50dB (between 5W PEP and 4W PEP)

SEUNG YONG Electronics Co.,Ltd.

HEAD OFFICE / FACTORY :
210-2, KA JWA-3DONG, SEU-KU, INCHON, 404-253 KOREA
Tel No. : (82)-32-5775-3227 / Fax No. : (82)-32-5776-037