

AM/FM/SSB 10 METER MOBILE

TRANSCIVER

MODEL: SS-485

AM/FM/SSB PLL SYNTHESIZER
LARGE LCD DISPLAY & NIGHT ILLUMINATION
1KHz/10KHz/100KHz FREQUENCY RESOLUTION
FREQUENCY READ OUT
± SHIFT FREQUENCY



SPECIFICATION

GENERAL SPECIFICATION

- FREQUENCY RANGE 28.000 MHz to 29.699MHz
OR 25.165 to 29.695 MHz(454CH)
- FREQUENCY RESOLUTION 1K /10K /100KHz step
- FREQUENCY CONTROL..... Digital phase-locked loop synthesizer
- POWER REQUIREMENTS.....13.8 V DC, 12-16 volts DC, negative
- ANTENNA.....50 Ohm (coaxial connector)
- MICROPHONE.....Electric condenser type
- SPEAKER.....8 Ohm, 3watts
- DIMENSIONS (HWD).....52x154x194 mm (2-3/64x6-1/16x7-41/64 inches)
- WEIGHT (NET).....1.2 Kg (2.65 lbs)

PUBLIC ADDRESS AMPLIFIER

- MAXIMUM OUTPUT POWER : 2.5 WATTS

SEUNG YONG Electronics Co., Ltd

HEAD OFFICE / FACTORY :
210-2, KA JWA-3DONG, SEU-KU, INCHON, 404-253 KOREA
Tel No. : (82) - 32 - 575 - 3227 / Fax No. : (82) - 32 - 577 - 6037

RECEIVER SECTIONS

- MAX SENSITIVITY.....FM/AM 0.5μV, SSB 0.25μV
- SENSITIVITY FOR 10dB S/N.....FM/AM 0.5μV, SSB 0.25μV
- OVERLOAD AUDIO FIDELITY
AT 6 dB DOWN.....450 Hz ~ 2100 Hz
- ADJACENT CHANNEL SELECTIVITY.....FM/AM 60 dB
- IMAGE REJECTION (5.6 MHz).....Typically better than 90 dB
- 1st IF REJECTION.....70 dB or better
- MAXIMUM AUDIO OUTPUT POWER.....3.0 watts
- SQUELCH RANGE.....Adjustable from 0.5μV to 1 mV
- CURRENT DRAIN AT MAX. OUTPUT POWER.....1.0 A
- RECEIVER CLARIFIER RANGE.....±1 KHz Variable

TRANSMITTER SECTIONS

- MAX. OUTPUT POWER.....FM/AM 4 Watts, SSB 12 Watts PEP
- SPURIOUS emission.....65 dB or better
- Current drain at no modulationFM/AM less than 2.5A SSB less than 1.0A
at Max. output power.....FM/AM less than 2.5A SSB less than 3.0A
- MODULATION FREQUENCY RESPONSE
(1 KHz, 0 dB REFERENCE).....Lower, at 450 Hz, AM -6dB, SSB-6dB
.....Upper, at 2.5 KHz, AM -6dB, SSB-6dB
- MICROPHONE SENSITIVITY
.....AM 4 mV for 50% mod, SSB 4mV for 4Watts PEP
- MICROPHONE AMPLIFIER
.....AM 50dB(between 98% and 80% modulation)
.....SSB 50dB(between 12W PEP and 10W PEP)