



TCB-560

- Compact Size
- 12 / 24 Volt Input
- Multiple Band
- 4 W Output Power
- AM / FM Operation
- DSS (Dynamic Squelch System)
- Three Color Backlighting (Blue / Red / Purple)
- Emergency Channel (9 / 19)
- Scan
- NB (Noise Blanker)

► GENERAL SPECIFICATIONS

Channel	40 (see the frequency band chart)
Frequency Range	26.565 MHz ~ 27.405 MHz, 26.965 MHz ~ 27.405 MHz
Operating Mode	F3E (FM), A3E (AM)
Frequency Control	PLL Synthesizer
Frequency Tolerance	0.002%
Operating Temperature Range	-10 to + 55 °C
Microphone	Plug-in type
Input Voltage	12 V DC to 24 V DC
Size	124 (W) × 135 (L) × 37 (H)
Weight	655 g
Antenna Connector	SO-239 type

► TRANSMITTER SPECIFICATIONS

Power Output	Duty cycle 10 % 4 Watts @ 13.2 V DC
Modulation	AM : from 85 % to 95 % / FM : 1.8 KHz ± 0.2 KHz
Frequency Response	300 Hz to 3000 Hz
Output Impedance	50 Ω, Unbalanced
Conducted Spurious	Less than -54dBm
Current Drain	AM Full Mod, 1.6 A Max.

► RECEIVER SPECIFICATIONS

Receiving System	Dual conversion superheterodyne
IF Frequencies	Double conversion 1st 10.695 MHz / 2nd 455 KHz
Sensitivity	1.5 μV for 10 dB (S+N) / N in AM mode, 1 μV for 20 dB SINAD in FM mode
Audio Output Power @ 10 % THD	2.0 W @ 8 Ω
Audio Distortion	Less than 8 % @ 1 KHz
Image Rejection	More than 48dB
Adjacent Channel Rejection	More than 60dB
Spurious Emission	Less than -57dBm
Frequency Response	300 to 2500 Hz
Built-in Speaker	8 Ω, round
Squelch	Adjustable : Threshold less than 1 microvolt

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