

## SILM COMPACT, & AUTO SQUELCH IMBEDDED



TCB-550, specially, is designed with Compact and Slim concept, but still with powerful features including Multi-Band capabilities. Easy operation and space saving are another big advantages.

Smallest sized, **TCB-550** is equipped with the state-of-the-art technology of Auto Squelch, which works perfectly in the FM mode. A simple clicking of the Squelch control will always lead you to the manual squelch mode.



# TCB-550

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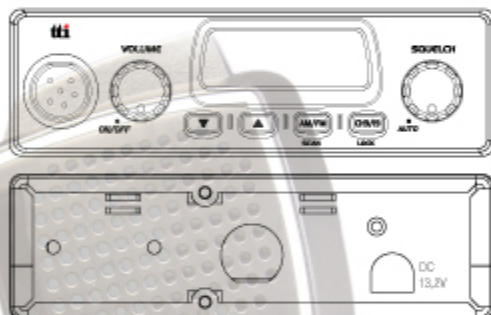
## GENERAL SPECIFICATIONS

## ▶▶ FEATURE

• Channel	40(See the frequency band chart)	• MULTIPLE BANDS
• Frequency Range	26.965 MHz ~ 27.405 MHz	• 4 WATTS OUTPUT POWER
• Operating mode	F3E (FM), A3E (AM)	• AM/FM OPERATION
• Frequency Control	PLL Synthesizer	• MENU MODE (BEEP TONE ON/OFF, TOT, BACKLIGHT DIMMER)
• Frequency Tolerance	0.002%	• EMERGENCY CHANNEL
• Operating Temperature Range	-10 to + 55°C	• 4 MEMORY CONTROLS
• Microphone	Plug-in Type	• SCAN
• Input Voltage	13.8V DC ± 15%	• KEYPAD LOCK
• Size	124(W) × 136(L) × 37.5 (H)	• PA CAPABILITY
• Weight	670g	• BLUE ILLUMINATION
• Antenna Connector	SO-239 type	

## TRANSMITTER SPECIFICATIONS

Power output	Duty cycle 10% 4 Watts @ 13.8V DC
Modulation	AM:from 85% to 95% FM:1.8KHz ± 0.2KHz
Frequency Response	300Hz to 3000Hz
Output Impedance	50ohms, Unbalanced
Harmonic Suppression	Less than -36dBm
Current Drain	AM Full Mod. 1.6A Max.



## RECEIVER SPECIFICATIONS

Receiving system	Dual conversion superheterodyne
IF Frequencies	Double Conversion 1st 10.695MHz 2nd 455KHz
Sensitivity	0.7µV for 10dB(S+N)/N in AM Mode 0.5µV for 20dB SNAD in FM Mode
Audio Output Power @10% THD	2.0W @ 8 Ohm
Audio Distortion	Less than 8% @ 1KHz
Image rejection	-53dBm
Adjacent Channel Rejection	-53dBm
Conducted Spurious	More than 60 dB
Frequency Response	300 to 2500Hz
Built-in Speaker	8 ohms,round
Squelch	Adjustable: Threshold less than 1 microvolt

\* Specification is subject to change without prior notice.