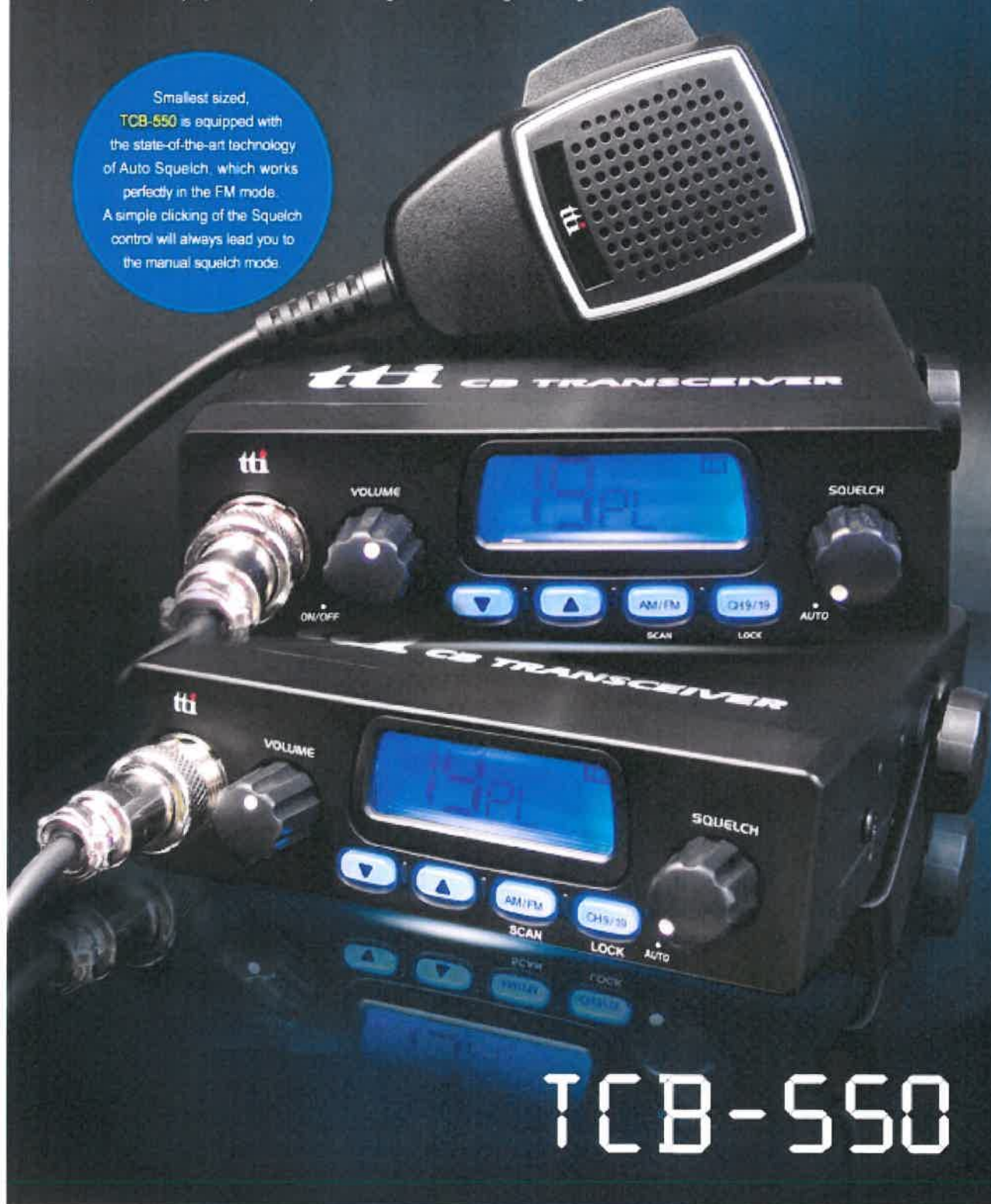


SILM COMPACT, & AUTO SQUELCH IMBEDDED



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

GENERAL SPECIFICATIONS

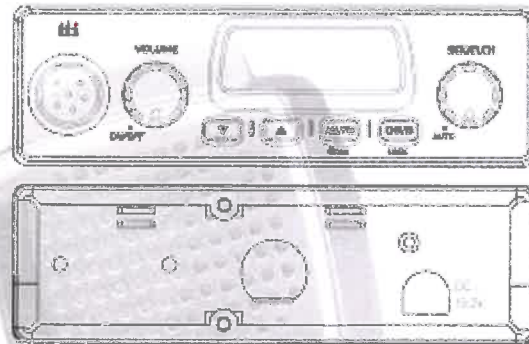
• Channel	40(See the frequency band chart)
• Frequency Range	26.965 MHz – 27.405 MHz
• Operating mode	F3E (FM), A3E (AM)
• Frequency Control	PLL Synthesizer
• Frequency Tolerance	0.002%
• Operating Temperature Range	-10 to + 55°C
• Microphone	Plug-in Type
• Input Voltage	13.8V DC $\pm$ 15%
• Size	124(W) $\times$ 136(L) $\times$ 37.5 (H)
• Weight	670g
• Antenna Connector	SO-239 type

►► FEATURE

- MULTIPLE BANDS
- 4 WATTS OUTPUT POWER
- AM/FM OPERATION
- MENU MODE
(BEEP TONE ON/OFF, TOT, BACKLIGHT DIMMER)
- EMERGENCY CHANNEL
- 4 MEMORY CONTROLS
- SCAN
- KEYPAD LOCK
- PA CAPABILITY
- BLUE ILLUMINATION

TRANSMITTER SPECIFICATIONS

Power output	Duty cycle 10% 4 Watts @ 13.8V DC
Modulation	AM:from 85% to 95% FM:1.9KHz $\pm$ 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 superhetrodyne
IF Frequencies	Double Conversion 1st 10.695MHz 2nd 455KHz
Sensitivity	0.7 μ V for 10dB(S+N)/N in AM Mode 0.5 μ V for 20dB SINAD 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.

TTi House, 163-4, Poi-dong, Keryangnam-lu, Seoul, Korea, P. 135-250
TEL : +82-2-574-3055 FAX : +82-2-518-2419 www.ttkorea.co.kr

