



# TCB-770

The NEW TCB-770 from TTI sets new standards in Citizens Band (CB) radio design, features and performance. Whether you're using the TCB-770 in a truck, car or at home you'll appreciate the ease of operation and quality of communications. The combination of conventional black housing and modern blue illumination encompasses a wide range of advanced features.



#### • EASY & QUICK ACCESS

Simple and user friendly rotary controls allow Channel, Volume, Squelch, RF Gain and Mic Gain to be precisely adjusted. The Quick Channel Up/Down button offers convenience for quick access. To ease operation further, the TCB-770 is equipped with 'soft touch' buttons for AM/FM selection, an Emergency Channel selection, Channel Scan and Quick Up / Quick Down.

#### • EXTRA FEATURES

In addition to the standard power and antenna connections, the back panel also has interfaces for a signal level meter and an external loudspeaker.

#### • MULTIPLE BANDS

For international use, the TCB-770 is pre-programmed with a number of user selectable national channel sets\*, along with the 40 CEPT channels. The user friendly menu system also allows a number of adjustments to suit individual user preferences - from channel scan pause to backlight level and more.

**The TCB-770 really puts you in control!**

\* Subject to licensing requirements, national authorization and radio version.

## GENERAL SPECIFICATIONS

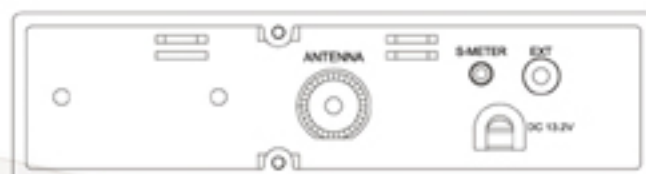
## ►► FEATURE

• 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℃
• Microphone	Plug-in Type
• Input Voltage	13.8V DC $\pm$ 15%
• Size	140(W) * 186(L) * 37(H)
• Weight	870g
• Antenna Connector	SO-239 type

- MULTIPLE BANDS
- 4 WATTS OUTPUT POWER
- AM/FM OPERATION
- MENU MODE  
(BEEP TONE ON/OFF, TOT, BACKLIGHT DIMMER)
- EMERGENCY CHANNEL
- QUICK CHANNEL UP/DOWN
- SCAN
- KEYPAD LOCK & REMOTE LOCK
- BLUE ILLUMINATION

## TRANSMITTER SPECIFICATIONS

Power output	Duty cycle 10% 4 Watts @ 13.8V DC
Modulation	AM:from 85% to 95% FM:1.8KHz $\pm$ 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 superheterodyne
IF Frequencies	Double Conversion 1st 10.695MHz 2nd 455KHz
Sensitivity	0.7 $\mu$ V for 10dB(S+N)/N in AM Mode 0.5 $\mu$ 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

