



MULTI CHANNEL AM/FM CB TRANSCEIVER **TCB-900**

TTI TECH CO.,LTD.
www.ttikorea.co.kr

Optional Bluetooth Compatible System Imbedded

TCB-900 Front speaker CB radios are prevailing these days. Succeeding TTI's TCB-R2000 and TCB-1100, this new model also proposes high power speaker that is clear, deep and loud enough. On the top of the usual convenient features, the optional Bluetooth compatible connection is available with any of the market purchased Bluetooth headsets.

**Three
Color
Backlighting**



- > **DSS(Dynamic Squelch System)**
- > **Dual Voltage 12V/24V**
- > **High Power**

Features

- > Front Speaker
- > Short Body
- > 12/24 Volt Input
- > Multiple Band
- > 4W Output Power
- > AM/FM Operation
- > Optional Bluetooth Compatible Operation
- > DSS(Dynamic Squelch System)
- > Three Color Backlighting (Blue & Red & Purple)
- > Emergency Channel(9/19)
- > Microphone Gain
- > Attenuation
- > Speaker Mute
- > Scan
- > Keypad Lock
- > Menu Mode
- > Dimension : 170(w)x51(H)x94(L)mm



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Optional Bluetooth Compatible System Imbedded

with the optional Bluetooth compatible system imbedded, this short body CB radio offers all basically necessary features that most users prefer together with high power operation.



SPECIFICATION

GENERAL SPECIFICATION

> Channel	: 40 (See the frequency band chart)
> Frequency Range	: 26.565~27.405MHz (FM) 26.965~27.405MHz (AM)
> 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	: 12V DC to 24V DC
> Size	: 170(W) x 94(L) x 51(H)mm
> Weight	: 655g
> Antenna Connector	: SO-239 type

TRANSMITTER SPECIFICATION

> Power Output	: Duty cycle 10% 4 Watt @13.2V DC
> Modulation	: AM: from 85% to 95% FM: 1.8KHz $\pm$ 0.2KHz
> Frequency Response	: 300Hz to 3000Hz
> Output Impedence	: 50ohms, Unbalanced
> Harmonic Suppression	: Less than -54dBm
> Current Drain	: AM Full Mod. 1.6A Max.

RECEIVER SPECIFICATION

> Receiving System	: Dual Conversion Superheterodyne
> IF Frequencies	: Double Conversion 1st 10.695MHz/ 2nd 455KHz
> Sensitivity	: 1.5 μ V for 10dB(S+N)/N in AM mode 1 μ V for 20dB SINAD in FM Mode
> Audio Output Power	: 2.0W @ 80hm
> Audio Distortion	: Less than 8% @ 1KHz
> Image Rejection	: 60dB
> Adjacent Channel Rejection	: 60dB
> Conducted Spurious	: Less than -57dBm
> Frequency Response	: 300 to 2500Hz
> Built-in Speaker	: 4Ohms, round
> Squelch	: Adjustable : Threshold less than 1 microvolt



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