

5WAY SYSTEM CB-RADIO



TCB-R2000 is the ultimate in mobile CB transceivers. Developed from the former TCB-1100 technology, this five way system has improved the materials and tuning for better audio reproduction. The remote LCD unit, remote control unit and hands-free microphone are added for driver's convenience and safety. A lot of information from the big LCD unit allows you to quickly and exactly admit the current situation surrounding you and your vehicle.

**PATENT
PENDING**

5WAY SYSTEM

- Transceiver
- Microphone
- Remote LCD Unit
- Remote Control Unit
- Hands-free Microphone

TCB R2000

REMOTE BODY

CON. BODY

MIC AUX

TCB R2000

F: 27.03500MHz
RX-TONE: OFF
TX-TONE: OFF
BAND: 1
VOLUME: 11
RX ATT: OFF

07

RoHS
Compliant
TTI Tech Co., Ltd



TCB-R2000

Downloaded from www.cbradio.nl

TCB-R2000

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℃
• Microphone	Plug-in Type
• Input Voltage	13.8V DC \pm 15%
• Size	190 (W) * 165 (L) * 58(H)
• Weight	990g
• Antenna Connector	SO-239 type

FEATURE

- High Output Power(FM 4W or 10W)
- 12/24 Volt Input
- Multiple Bands
- Frequency readouts
- AM/FM Operation
- Menu Mode (Beep Tone On/Off, TOT, Backlight Dimmer)
- Emergency Channel (9/19)
- Graphic Channel Display
- Graphic Volume Display
- Scan & Scan Memory
- ID Writing
- Programmable Function Key
- Easy Band Selection
- DIN Adaptation Kit
- PC Programmable
- CTCSS Tone
- VOX
- Attenuation
- Extra PTT Capability(ex : Foot PTT)
- Extra Programmable Channels
- Speaker Mute
- Keypad Lock
- Remote Channel Up/Down
- External Speaker Connection Jack
- External S-Meter Connection Jack
- AMG(Auto Microphone Gain)
- Squelch Control&DSS(Dynamic Squelch Control System)
- Backlight Selection(3Colors)

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 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	48 dBm
Adjacent Channel Rejection	60 dBm
Conducted Spurious	Less than -57dBm
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,1163-4, Gaepo-dong, Kangnam-ku, Seoul, Korea, ☎ 135-960
TEL : +82-2-517-3055 FAX : +82-2-518-2419 www.ttikorea.co.kr

tti