



TCB-775 PREMIER

The premier is born to fulfill the desires that reach over to the distance.



- **FULL POWERED**

The premier is the full powered unit that maximizes performances to enlarge range and sensitivity. A new concept of organic system leads each of the components to function more efficiently than ever before.

- **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-775 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-775 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-775 really puts you in control!

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

GENERAL SPECIFICATIONS

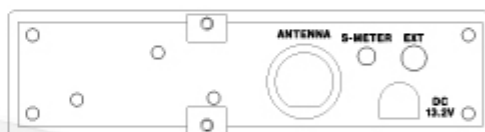
• Channel	40(See the frequency band chart)
• Frequency Range	26.965 MHz ~ 27.405 MHz
• Operating mode	F3E (FM), A3E (AM)
• Frequency Control	PLL Synthesizer
• Frequency Tolerance	0.002%
• Operating Temperature Range	-10 to + 55°C
• Microphone	Plug-in Type
• Input Voltage	13.8V DC ± 15%
• Size	140(W) × 186(L) × 37(H)
• Weight	870g
• 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
- 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 ± 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 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

