



Talk to The Future

LT-8001 PRO

AM/FM/SSB MULTIBAND CB TRANSCEIVER



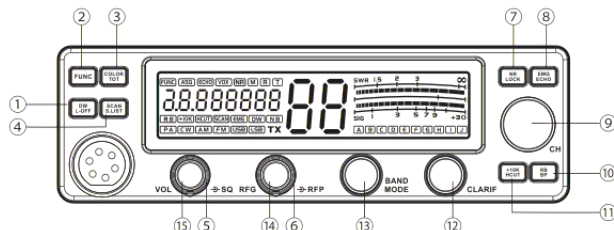
QUICK GUIDE

FEATURES

- Large 4.25" multicolour LCD with VA technology
- Creation of private channels (CTCSS/DCS tones)
- Dual-function NR filter, with DSP and AI (Artificial Intelligence) for RX/TX
- VOX adjustable over 9 levels
- ECHO function with 6 levels
- HI-CUT filter adjustable over 6 levels
- Backlight brightness adjustable over 10 levels
- Customizable Roger Beep
- Keypad beep ON/OFF with adjustable volume
- Emergency channel 9/19
- Keypad lock
- 7 selectable display colours
- Channel scan
- Skip channel during scan
- Dual Watch (DW), monitor two channels
- Display ON/OFF
- Customizable TOT (Time-Out Timer) from 30 to 600 seconds
- Clarifier function
- Microphone with ▲/▼ - ASQI 🔒 buttons
- Automatic Squelch adjustable over 9 levels
- Battery level display; TOT countdown; SWR level
- Visual over/under voltage warning
- SWR protection activation – customizable protection threshold
- Monitor function with adjustable pre-listening level
- Microphone sensitivity adjustment for AM, USB, LSB, FM

CONTROL DESCRIPTION

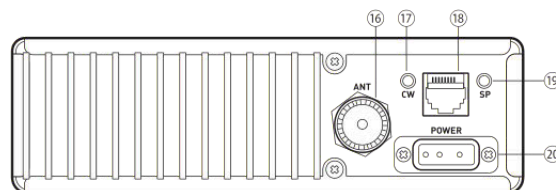
Front Panel



- 1 **Dual Watch (DW)/L-OFF button.** *Short press:* Monitors two channels simultaneously (DW). *Long press:* completely turns off the display (L-OFF).
- 2 **FUNC Button.** *Short press:* Activates the FUNC mode. When pressed together with another button, it allows quick access to certain settings. The following key combinations are available:
 - **FUNC + COR/TOT:** Enables/disables the TOT function.
 - **FUNC + DW/L-OFF:** Turns the display on/off.
 - **FUNC + SCAN/S.LIST:** Adds/removes a channel from scanning.
 - **FUNC + NR/LOCK:** Enables/disables keypad lock.
 - **FUNC + EMG/ECHO:** Enables/disables the ECHO function.
 - **FUNC + RB/BP:** Enables/disables the keypad beep sound.
 - **FUNC + HCUT:** Enables/disables the Hi-Cut filter.*Long press:* Enters the radio's settings menu.
- 3 **COR/TOT Button.** *Short press:* Changes the backlight colour of the screen. *Long press:* Enables/disables the TOT (Time-Out Timer) function.
- 4 **SCAN/S.LIST button.** *Short press:* starts channel scanning and stops on the busy one. *Long press:* temporarily excludes the current channel from the scan sequence. Activation is indicated by a dot displayed after the first digit of the frequency.
- 5 **SQ knob.** *Rotate clockwise/counterclockwise* to adjust the threshold level at which the audio opens, eliminating background noise when no signal is present.
- 6 **RFP knob.** *Rotate clockwise* to set the maximum transmission power.
- 7 **NR/LOCK button.** *Short press:* enables/disables DSP (USB/LSB)/AI (AM/FM) noise reduction. *Long press:* enables/disables keypad lock.
- 8 **EMG/ECHO button.** *Short press:* cycles through emergency channels 9, 19, and the current channel. *Long press:* enables/disables the ECHO function.

- 9 **CH knob.** *Rotate clockwise* to increase the current channel. *Rotate counterclockwise* to decrease the current channel. In the menu: rotate the knob to navigate between options.
- 10 **RB/BP button.** *Short press:* Enables/disables the Roger Beep function. *Long press:* enables/disables the keypad tone.
- 11 **+10kHz/HCUT button.** *Short press:* increases the current frequency by 10 kHz (function available only in non-EU markets). *Long press:* enables/disables the Hi-Cut filter.
- 12 **CLARIF (Clarifier).** *Short press:* activates frequency offset adjustment in RX AM/LSB/USB/CW from a minimum of 10 Hz up to a maximum of 1 MHz for improved tuning. *Rotate:* increases/decreases the offset in RX AM/LSB/USB/CW.
- 13 **Band Mode.** *Short press:* allows activation of the band change function; subsequent rotation enables switching the Operating Band. *Rotate clockwise/counterclockwise:* allows changing the modulation type (PA, CW, AM, FM, USB, LSB). PA Mode (Public Address)
- 14 **RFG (RF Gain) knob.** *Rotate clockwise* to increase reception sensitivity. *Rotate counterclockwise* to decrease reception sensitivity.
- 15 **Power/Volume Knob (PWR/VOL).** *Rotate clockwise* to power on the device. *Rotate fully counterclockwise until a "click"* is heard to power off the device. *Rotate clockwise/counterclockwise* to adjust the volume.

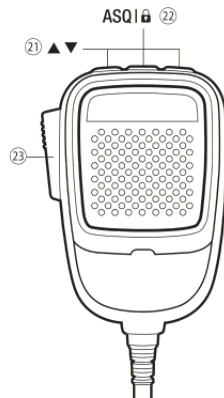
Rear Panel



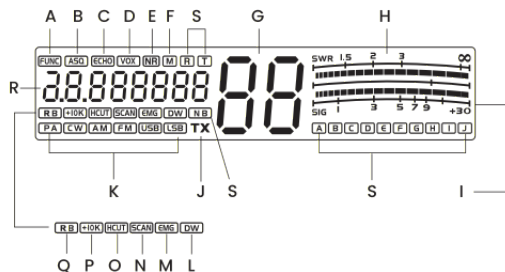
- 16 **Antenna connector:** PL-259 type.
- 17 **CW Jack:** For Morse code operation.
- 18 **RJ connector:** For firmware programming.
- 19 **SP:** External speaker output.
- 20 **Power supply socket.**

Microphone

- ②1 **▲/▼ button.** **Short press:** Increases or decreases the selected channel. **Long press:** Quickly scrolls through channels. Into the menu: Press ▲/▼ to navigate through options.
- ②2 **ASQ button.** **Short press:** enables/disables the ASQ (Automatic Squelch) function. **Long press:** enables/disables the keypad lock.
- ②3 **PTT Button.** **Press and hold:** Transmits on the current channel. **Release:** Returns to receive mode.



Display



- A. FUNC function active
 B. ASQ active
 C. ECHO function active
 D. VOX active
 E. Noise Reduction (NR) active
 F. Icons for selected operating band
 G. Channel number and active band
 H. SWR value during transmission
 I. RSSI signal strength indicator in RX or TX
 J. Transmission active icon
 K. Operating mode
 L. Dual Watch active
 M. EMG – Emergency channel
 N. Scan active
 O. Hi-Cut filter active
 P. +10 kHz – Function available only for non-EU markets
 Q. Roger Beep active
 R. Menu navigation / current frequency / system alerts
 S. Icons valid only for non-EU markets

FREQUENCY BAND TABLE

Code	Country	Available band
I1	Italy	40 CH AM-FM-SSB
I2	Italy	34 CH AM-FM-SSB
E1	Europe	40 CH AM-FM-SSB
PL	Poland	40 CH AM-FM-SSB (Poland; -5 kHz)
UK	United Kingdom	40 CH FM
US	USA	40 CH AM-FM-SSB
DE	Germany	80 CH FM - 40 CH AM - 80 CH SSB
EU	Europe	40 CH AM-FM-SSB
EC	Europe	40 CH FM

FACTORY RESET

This function allows you to restore the factory settings, erasing all changes made. To reset the device, hold down the “FUNC” button while turning it on. The word “reset” will appear on the display for about 5 seconds. Once complete, the device will automatically switch to the default CB band.



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