

# PRESIDENT

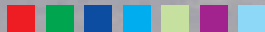
*Engineered to be the very best*

## RONALD AM FM

**50 + Watts PEP**



7 COLOR DISPLAY



**AM/FM • DW • Mic Gain • RF Gain • 2 Emergency Channel • Rotary switch • Roger beep • Key beep RF Power • NB/ANL - HI-CUT filters • Span Mic electret/dynamic compatible • ASC • Scan Talkback • Public Address • Echo**

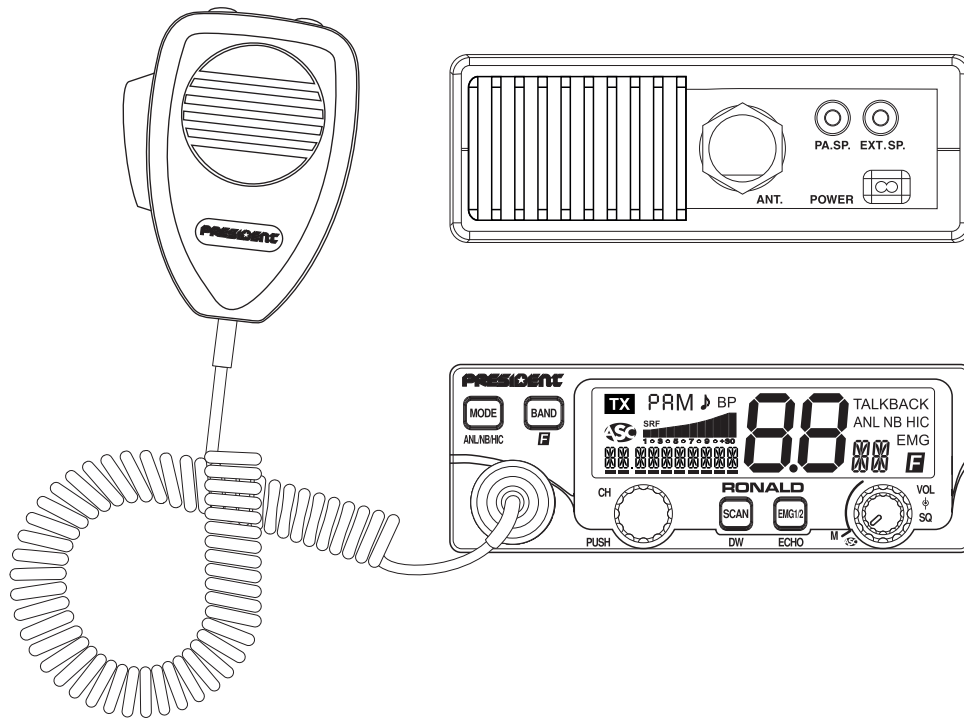
\*See warranty conditions on our website: [www.president-electronics.us](http://www.president-electronics.us)

Group  
**PRESIDENT**  
ELECTRONICS USA

1906/01-18

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- 1) ON/OFF ~ VOLUME
- 2) ASC (Automatic Squelch Control) ~ SQUELCH
- 3) EMG 1/2 ~ ECHO
- 4) SCAN ~ DW
- 5) ROTARY "PUSH" KNOB
- 6) LCD
- 7) BAND ~ F (Functions)
- 8) MODE ~ ANL/NB/HIC
- 9) 6 PIN MICROPHONE PLUG
- 10) PTT
- 11) UP/DN KNOBS ON THE MICROPHONE
  - A) DC-POWER TERMINAL (13,8 V)
  - B) ANTENNA CONNECTOR (SO-239)
  - C) JACK FOR EXTERNAL OPTIONAL SPEAKER (8  $\Omega$ ,  $\varnothing$  3,5 mm)
  - D) JACK FOR PA OPTIONAL SPEAKER (Public Address) (8  $\Omega$ ,  $\varnothing$  3,5 mm)

## MENU

- 1) BACKLIGHT COLOR
- 2) KEY BEEP
- 3) ROGER BEEP
- 4) EMG SET 1
- 5) EMG SET 2
- 6) ECHO SET
- 7) DW SETTING
- 8) SCAN TYPE
- 9) SWR
- 10) SPAN
- 11) MIC TYPE
- 12) MIC GAIN
- 13) RF GAIN
- 14) BAND NAME
- 15) PA SETTING
- 16) RESET BAND/RESET ALL

## FUNCTIONS WITH PTT SWITCH

- 1) RF POWER
- 2) TALKBACK / TALKBACK LEVEL
- 3) RADIO/PA (Public Address)

TOT (Time Out Timer)

1907/01-18

## 1) GENERAL

- Modulation modes : AM / FM
- Frequency ranges : from 28.000 MHz to 29.700 MHz
- Antenna impedance : 50 ohms
- Power supply : 13.8 V
- Dimensions : 4.92 (W) x 6.89 (D) x 1.77 (H) inches  
: 125 (W) x 175 (D) x 45 (H) cm
- Weight : 1.98 lbs / 0.9 kg
- Accessories supplied : 1 microphone UP/DOWN with support, mounting cradle, screws and fused power cord.

## 2) TRANSMISSION

- Frequency allowance : +/- 300 Hz
- Carrier power : 13 W AM (50 W PEP)/ 35 W FM /
- Transmission interference : inferior to - 50 dBm
- Audio response : 300 Hz to 3 KHz in AM/FM
- Emitted power in the adj. channel : inferior to 20  $\mu$ W
- Microphone sensitivity : 3.0 mV
- Drain : 7 A max. (with modulation)
- Modulated signal distortion : 2 %

# Specifications

## 3) RECEPTION

- Maxi. sensitivity at 20 dB sinad : 0.7  $\mu$ V - 110 dBm (AM)  
: 0.35  $\mu$ V - 116 dBm (FM)
- Frequency response : 300 Hz to 3 kHz in AM/FM
- Adjacent channel selectivity : 60 dB
- Maximum audio power : 3 W
- Squelch sensitivity : minimum 0.2  $\mu$ V - 120 dBm  
: maximum 1 mV - 47 dBm
- Frequency image rejection rate : 60 dB
- Intermediate frequency rejection rate : 70 dB
- Drain : 500 mA maximum

