

PRESIDENT

Engineered to be the very best

THOMAS FCC

AM/FM

7 COLOR DISPLAY



- 7 color display • AM/FM • PA mode • Key Beep function
- Roger Beep function • Large display with LCD
- 2 Programmable Emergency channels • Talkback
- Automatic Squelch Control • Compander • Vox function
- Compatible with Electret or Dynamic 6 pin microphone
- Scan • Noise Gate • 12/24 V • NB filter • Reset...

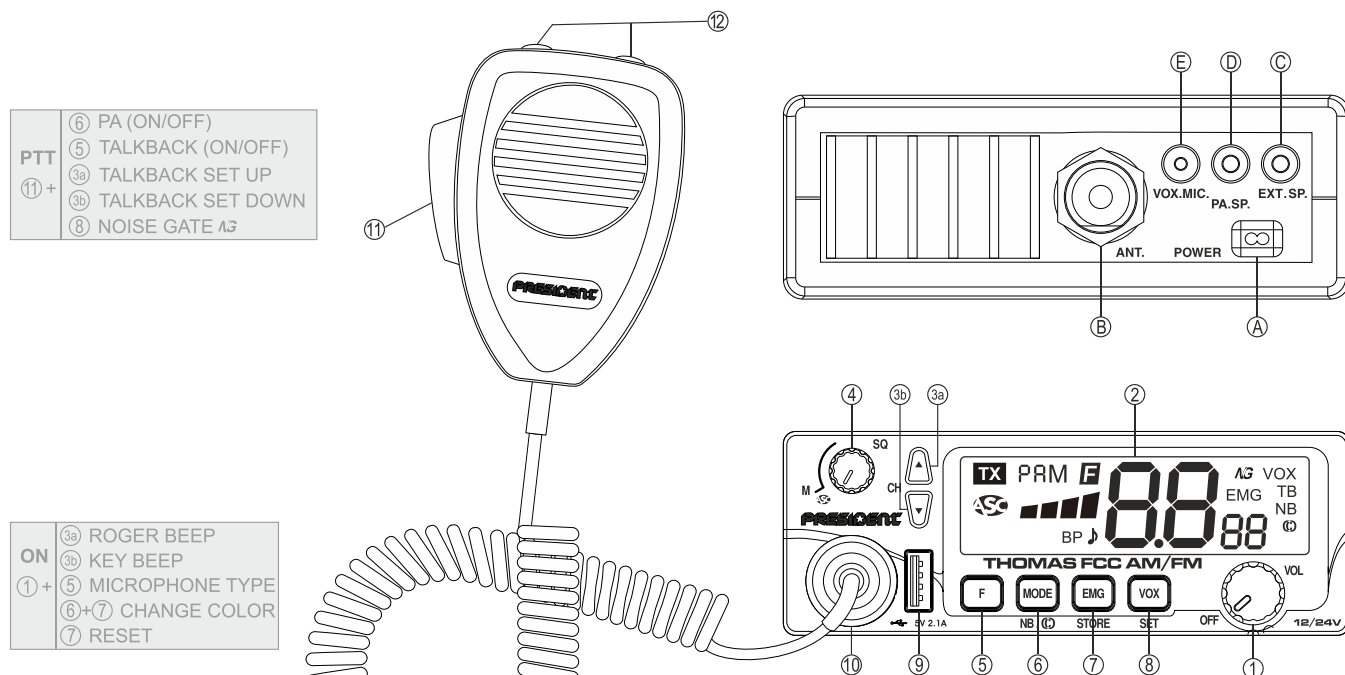
*See warranty conditions on our website: www.president-electronics.us

Group
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2158/11-21



- PTT**
(11) +
- ⑥ PA (ON/OFF)
 - ⑤ TALKBACK (ON/OFF)
 - ③a TALKBACK SET UP
 - ③b TALKBACK SET DOWN
 - ⑧ NOISE GATE Δ

- ON**
(1) +
- ③a ROGER BEEP
 - ③b KEY BEEP
 - ⑤ MICROPHONE TYPE
 - ⑥+⑦ CHANGE COLOR
 - ⑦ RESET

- 1) ON/OFF - VOLUME
- 2) DISPLAY
- 3) CHANNEL SELECTOR: Δ/∇ keys ~ SCAN
- 4) ASC (Automatic Squelch Control) / SQUELCH
- 5) F - MICROPHONE TYPE
- 6) MODE ~ NB & COMPANDER
- 7) EMG ~ EMG STORE
- 8) VOX ~ VOX SET
- 9) USB CHARGING SOCKET
- 10) 6 PIN MICROPHONE PLUG
- 11) PTT (Push To Talk)
- TOT (Time Out Timer)
- 12) CHANNEL SELECTOR: UP/DN buttons on the microphone

- A) DC-POWER TERMINAL (13.8 V / 27.6 V)
- B) ANTENNA CONNECTOR (SO-239)
- C) EXTERNAL SPEAKER JACK (8 Ω , $\varnothing$ 3.5 mm)
- D) PA SPEAKER JACK (8 Ω , $\varnothing$ 3.5 mm)
- E) OPTIONAL VOX MIKE ($\varnothing$ 2.5 mm)

FUNCTIONS TURNING ON THE UNIT

- 1) KEY BEEP (∇ key on the unit or DN button on microphone)
- 2) ROGER BEEP (Δ key on the unit or UP button on microphone)
- 3) F - MICROPHONE TYPE (F key)
- 4) COLOR (MODE + EMG keys)
- 5) RESET

FUNCTIONS WITH PTT SWITCH

- 1) TALKBACK (PTT + F)
- 2) TALKBACK LEVEL (PTT + Δ/∇ on the unit)
- 3) PA (PTT + MODE)
- 4) NOISE GATE (PTT + VOX)

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1) GENERAL

- Channels : 40
- Modulation modes : AM/FM
- Frequency ranges : from 26.965 MHz to 27.405 MHz
- Antenna impedance : 50 ohms
- Power supply : 13.8 V / 27.6 V
- Dimensions (in inches) : 4,92 (W) x 7,09 (D) x 1,77 (H)
- Weight : $\pm$ 1,98 lbs
- Accessories supplied : Electret microphone with support, mounting cradle, screws.
- Filter : ANL (Automatic Noise Limiter) built-in

2) TRANSMISSION

- Frequency allowance : $\pm$ 200 Hz
- Carrier power : 4 W AM / 4 W FM
- Transmission interference : inferior to 4 nW (- 54 dBm)
- Audio response : 300 Hz to 3 KHz in AM/FM
- Emitted power in the adj. channel : inferior to 20 μ W
- Microphone sensitivity : 7 mV
- Maximum drain : 1.7 A at 13.8 V / 0.85 A at 27.6 V
- Modul. signal distortion : 3 %

Specifications

3) RECEPTION

- Maxi. sensitivity at 20 dB sinad : 0.5 μ V - 113 dBm AM
0.35 μ V - 116 dBm FM
- Frequency response : 300 Hz to 3 kHz
- Adjacent chan. selectivity : 60 dB
- Maximum audio power : 2.5 W
- Squelch sensitivity : minimum 0.2 μ V - 120 dBm
maximum 1 mV - 47 dBm
- Frequency image rejection rate : 70 dB
- Intermediate frequency rejection rate : 70 dB
- Drain : 160 ~ 500 mA (13.8 V)
100 ~ 250 mA (27.6 V)

