

PRESIDENT

WASHINGTON 100W

10/12 M RADIO
AM / FM / SSB

*Engineered to be
the very best*

100
Watt PEP



FEATURES

- APM (Automatic Power Management)
- Automatic Relay / Split
- DC/Temp / Power limitation
- Automatic SWR
- NRC / ANL / NB / Hi-Cut
- Scan / Scan Skip
- 2 Emergency channels
- PA (Public Address) / Vox (Hands-free function)
- CTCSS / DCS
- TB / NG / DW / Lock
- RF Power / RF Gain / Mic Gain
- Microphone Up/Down Activate/Deactivate
- Supplied accessories:
 - 1 Electret UP/DOWN microphone
 - 1 Support
 - 1 Mounting cradle
 - Screws and fused power cord

Art. N° TXUS905



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

Group
PRESIDENT
ELECTRONICS USA

2372/05-26

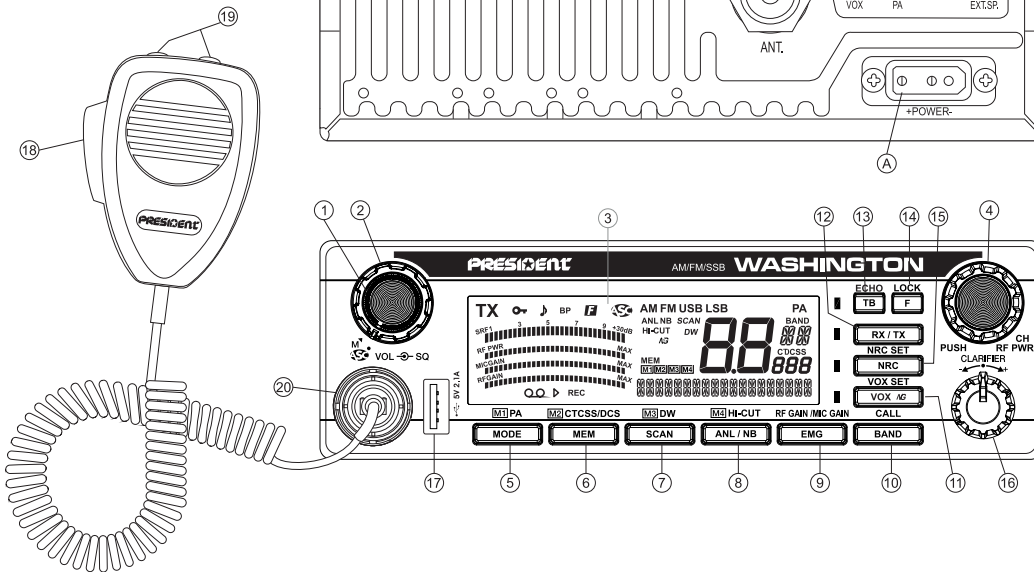
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Functions

14 + 11	Noise Gate
18 + 4	RF POWER
18 + 9	MIC GAIN
18 + 10	CALL



- A) DC-POWER TERMINAL (13.8 V)
- B) ANTENNA CONNECTOR (SO-239)
- C) EXTERNAL SPEAKER JACK (8 Ω, Ø 3.5 mm)
- D) PA (Public Address) SPEAKER JACK (8 Ω, Ø 3.5 mm)
- E) JACK FOR OPTIONAL VOX MIKE (Ø 2.5 mm)

- 1) ON/OFF ~ VOLUME
- 2) ASC (Automatic Squelch Control) ~ SQUELCH
- 3) DISPLAY
- 4) CHANNEL SELECTOR ~ RF POWER
- 5) MODE ~ PA
- 6) MEMORY ~ CTCSS/DCS
- 7) SCAN / DW ~ SCAN SKIP
- 8) ANL / NB ~ HI-CUT
- 9) PRIORITY CHANNELS ~ RF GAIN ~ MIC GAIN
- 10) BAND ~ CALL
- 11) VOX / NOISE GATE ~ VOX SET
- 12) RX/TX
- 13) TALKBACK ~ ECHO
- 14) F ~ LOCK
- 15) NRC ~ NRC SET ~ SPLIT
- 16) CLARIFIER
- 17) USB CHARGING PLUG
- 18) PTT (Push To Talk) ~ TOT (Time Out Timer)
- 19) CHANNEL SELECTOR
- 20) 6 PIN MICROPHONE PLUG

1) GENERAL

- Modulation modes : AM/FM/USB/LSB
- Frequency range : 24,890 to 24,990 MHz
28,000 to 29,700 MHz
- Antenna impedance : 50 ohms
- Power supply : 13.8 V
- Dimensions : 185x 172x 56 mm
7.28 x 6.77 x 2.20 inches
- Weight : 1.4 kg / 3.09 lbs
- Supplied accessories : Electret UP/DOWN microphone with support, mounting cradle, screws and fused power cord.

2) TRANSMISSION

- Frequency allowance : ± 200 Hz
- Carrier power : 100 W PEP (AM/USB/LSB)
50 W (FM)
- Transmission interference : < 4 nW (-54 dBm)
- Audio response : 300 Hz to 3 KHz
- Emitted power in the adj. channel : < 20 μW
- Microphone sensitivity : 3.0 mV
- Max. drain : < 12A (13.8 V)
- Modul. signal distortion : 2 %

3) RECEPTION

- Max. sensitivity at 20 dB sinad : 0.5 μV - 113 dBm (AM)
0.35 μV - 116 dBm (FM)
0.28 μV - 118 dBm (USB/LSB)
- Frequency response : 300 Hz to 3 kHz
- Adj. channel selectivity : 60 dB
- Max. audio power : 3 W
- Squelch sensitivity : min. 0.2 μV - 120 dBm
max. 1 mV - 47 dBm
- Frequency image rejection rate : 60 dB
- Intermediate frequency rejection rate : 70 dB
- Max. drain : 200 ~ 600 mA

Specifications

