

PRESIDENT

WASHINGTON 100W

AM / FM / SSB

12 V

100

Watt PEP



Non-contractual photo

SIMPLY POWERFUL

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 (9 & 19)
- PA (Public Address) / Vox (Hands-free function)
- CTCSS / DCS
- TB / NG / DW / Lock
- RF Power / RF Gain / Mic Gain
- ...
- Supplied accessories:
 - 1 Electret UP/DOWN microphone
 - 1 Support
 - 1 Mounting cradle
 - Screws and fused power cord

Art. N° TXPR905



*See warranty conditions on our website

Groupe **PRESIDENT** ELECTRONICS since 1978
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Compatible
REMOTE BT MIKE
REMOTE MIKE



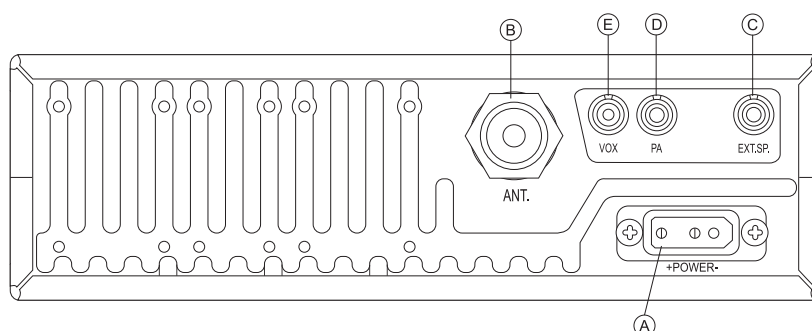
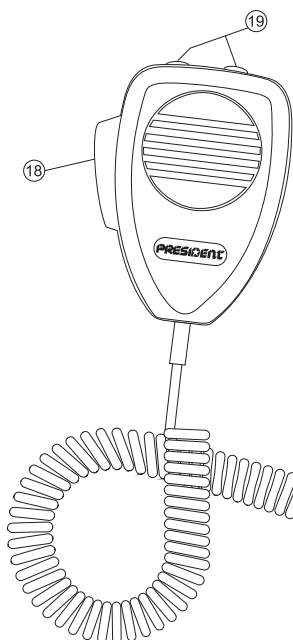
VOX built in



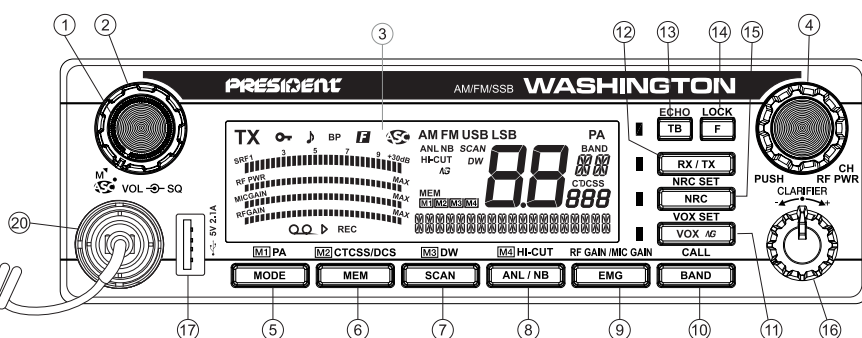
WASHINGTON 100W

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 , $\varnothing$ 3,5 mm)
- D) PA (Public Address) SPEAKER JACK (8 Ω , $\varnothing$ 3,5 mm)
- E) JACK FOR OPTIONAL VOX MIKE ($\varnothing$ 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 (mm) : 185 (W) x 172 (D) x 56 (H)
- Weight : 1.4 kg
- 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 μ W
- Microphone sensitivity : 3.0 mV
- Max. drain : < 12 A (13.8 V)
- Modul. signal distortion : 2 %

3) RECEPTION

- Max. sensitivity at 20 dB sinad : 0.5 μ V - 113 dBm (AM)
0.35 μ V - 116 dBm (FM)
0.28 μ V - 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 μ V - 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

