

# PRESIDENT

The 2006 summer's innovation

## JOHNSON II ASC



All European Standards  
"DIN" fitted  
Front panel loudspeaker

Groupe

**PRESIDENT**  
ELECTRONICS

Siège Social / Head Office – France – Route de Sète – BP 100  
34540 BALARUC

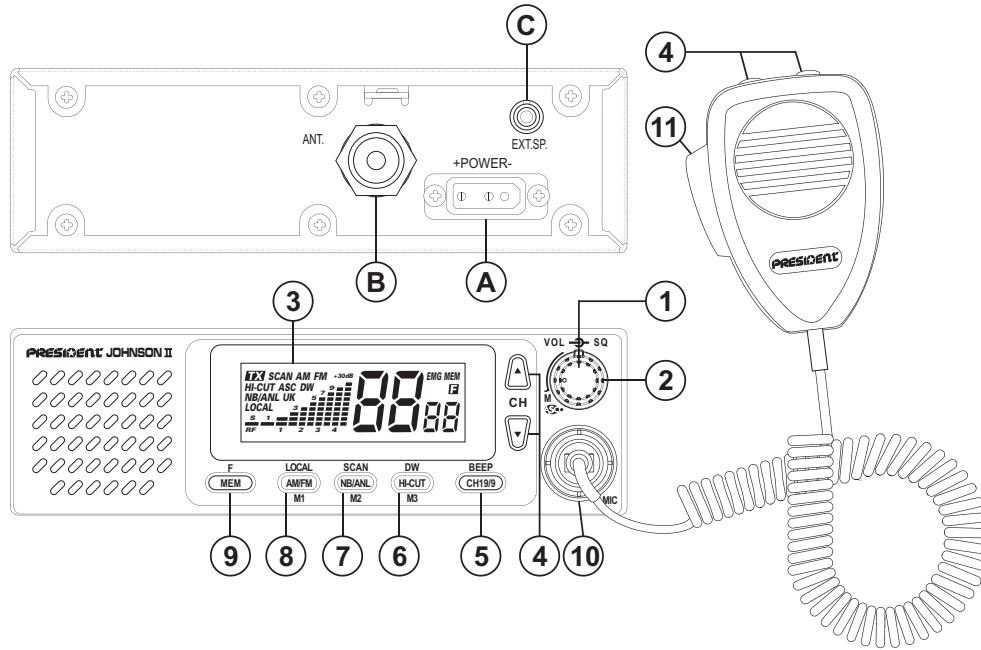
Site Internet : <http://www.president-electronics.com>

e-mail : [groupe@president-electronics.com](mailto:groupe@president-electronics.com)



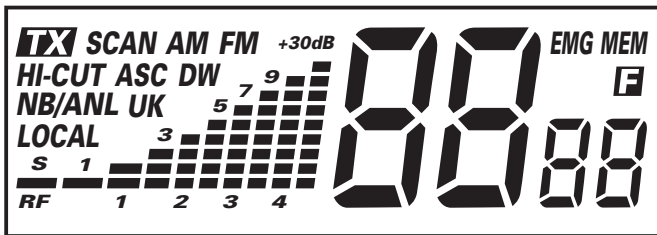
# JOHNSON II ASC

# Functions



- 1) ON/OFF - VOLUME:
  - 2) ASC (Automatic Squelch Control)/SQUELCH :
  - 3) DISPLAY
  - 4) CHANNEL SELECTOR: ▲ and ▼ keys on front panel and «UP» and «DN» on the microphone
  - 5) CH 19/9 BUTTON ~ BEEP
  - 6) HI-CUT ~DW ~ M3
  - 7) NB/ANL ~ SCAN ~ M2
  - 8) AM/FM ~ LOCAL ~ M1
  - 9) MEM ~ F
  - 10) 6-PIN MICROPHONE PLUG:
  - 11) PTT (push to talk):
- A) DC-POWER TERMINAL (13.2 V)  
 B) ANTENNA CONNECTOR (SO-239)  
 C) EXTERNAL SPEAKER JACK (8 Ω, Ø 3.5 mm)

0781/07-06 C0119b



- TX** Shows transmission
- SCAN scan function activated
- AM AM mode selected
- FM FM mode selected
- HI-CUT HI-CUT filter activated
- ASC Automatic Squelch Control activated
- DW Dual Watch activated
- NB/ANL NB and ANL filters activated (in FM mode, only NB filter is active)
- LOCAL Automatic adjustment of RF GAIN activated
- UK Shows the England configuration (see table on page 38)
- EMG the priority channel (emergency) 19 or 9 activated from CH 19/9 button
- MEM Memory function (input datas, recall or delete) activated
- F** Function key activated (selection of the frequency bands)
- 88** Shows the channel number
- 88** Shows the selected configuration

# Specifications

## 1) GENERAL

- Channels : 40
- Modulation modes : AM/FM
- Frequency ranges : from 26.965 MHz to 27.405 MHz
- Antenna impedance : 50 ohms
- Power supply : 13.2 V
- Dimensions (in mm) : 170 (W) x 150 (D) x 52 (H)
- Weight : 1 kg
- Accessories supplied : microphone UP/DOWN with support, mounting cradle, screws and fused power cord.

## 2) TRANSMISSION

- Frequency allowance : +/- 300 Hz
- Carrier power : 1 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 μW
- Microphone sensitivity : 3.0 mV
- Drain : 2 A (with modulation)
- Modulated signal distortion : 1.8 %

## 3) RECEPTION

- Maxi. sensitivity at 20 dB sinad : 0.5 μV - 113 dBm (AM/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 μV - 120 dBm maximum 1 mV - 47 dBm
- Frequency image rejection rate : 60 dB
- Intermediate frequency rej. rate : 70 dB
- Drain : 400 mA nominal / 1000 mA maximum



all european standards

