MCS2000/MTS2000 Radios

For the 902 user
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N1OTY

MTS2000

- Jedi Series
- Three versions
  - No keypad
  - Partial keypad
  - Full keypad

MTS2000

- No keypad version
  - Top display
  - 48 channels
  - Small alpha-numeric
- Partial/Full keypad versions
  - Side display
  - 160 channels (some 255 channel may exist)
  - Larger alpha-numeric

MTS2000

- Version 1 (No keypad)

MTS2000

- Version 2 and 3

MTS2000

- Programming
  - Typical Jedi cables (Rib or Ribless)
  - Current M software is RVN4176U for CPS
  - Current M software is RVN4097V for RSS
  - RVN4177V includes:
    - RVN4176U CPS (Windows)
    - RVN4097V RSS (DOS)
    - RVN4175V CPS for the MCS2000 mobiles

MTS2000

- Programming caveats
  - Not fussy about Rib vs. Ribless
  - Cannot use older versions of software
  - Tolerant of decent aftermarket cables
  - Software must be hacked for 902 use

MTS2000

- Operational observations
  - Clean transmit/receive audio
  - Most put out 3 to 5 watts no problem
  - Public Safety grade radio
  - Biggest upside:
    - Inexpensive (used version 1's $60 to $70)
  - Biggest downside:
    - Most will not do talkaround (simplex)

MTS2000

- Operational observations (cont'd)
  - Multiple zones
  - Multiple scan lists
  - Most are capable of MPL
  - Sensitive receive at 927 without filter change
  - Accepts all Jedi chargers/accessories

MTS2000

- Ham friendly pricing
  - Typical used pricing well under $100
  - I once paid $150 for a NIB with a 2004 date code
  - Recently paid $130 for a Version 2 that was pristine and worked on talkaround

MCS2000

- Three versions
  - Version 1
    - Few keys
    - Smaller size (Compare to GTX mobile)
    - 48 channels (personalities)

MCS2000

- Three versions
  - Version 2
    - More keys
    - Larger size
    - 160 channels

MCS2000

- Three versions
  - Version 3
    - Same size as version 2
    - Full keypad
    - 160 channels

MCS2000

- Programming
  - Use actual M RIB or high quality aftermarket
  - Aftermarket RIB to radio cables are OK
  - RVN4175V CPS
  - RVN4177V includes
    - RVN4175V CPS
    - RVN4176U CPS (for the MTS2000)
    - RVN4097V RSS (for MTS/MTX handhelds)

MCS2000

- Programming caveats
  - Fussy about RIB quality
  - Cannot use older versions of software
  - Tolerant of decent aftermarket cables
  - Software must be hacked for 902 use

MCS2000

- Operational observations
  - Version 1's same dimensions as GTX mobile
  - Version 1's have internal speaker
  - Other versions do <u>not</u> have internal speakers
  - Public Safety grade radio
  - 15 and 30 watt versions available
  - Sensitive receive at 927 (no filter change)
  - Most do 25 MHZ splits <u>AND</u> talkaround easily

MCS2000

- Operational observations (cont'd)
  - Multiple zones
  - Multiple scan lists
  - Most do MPL
  - Do not have the GTX simplex problem
  - Biggest upside:
    - Version 1's sometimes found cheaper than a GTX
  - Biggest downside:
    - Version 3's can get expensive if you are not careful

MCS2000

- Ham friendly pricing
  - Used version 1's usually $60 to $90
  - Used version 3's (30 watt) usually ~$230
  - Low power units on the low end of this scale
  - NIB units sometimes show up and cost more
  - I have paid $200 for a NIB 30 watt version 1

MCS/MTS2000

- Questions?