

# Motorola Conventional Portable Radio Products

## March, 2007

| MOTOROLA Conventional Portable Radio Products                                     | VL50                                    | CP100                                       | DTR550 / DTR650                      | Mag One by Motorola<br>BPR 40                      | CP125                                      | CP150   | CP200   |
|---|---|---|--------------------------------------|--|--|---|---|
| <b>GENERAL SPECS</b>  |   |   |                                      |  |  |   |   |
| <b>BAND AVAILABILITY</b>  | UHF                                     | VHF, UHF                                    | 900 MHz                              | VHF, UHF   | VHF,UHF                                    | VHF, UHF  | VHF, UHF  |
| <b>LOW BAND (MHz)</b>   |   |   |                                      |  |  |   |   |
| <b>VHF BANDS (MHz)</b>  |   | 151-159                                     |                                      | 150-174  | 136-174                                    | 146-174   | 136-162, 146-174  |
| <b>UHF BANDS (MHz)</b>  | 461-470                                 | 461-470                                     |                                      | 450-470  | 435-480                                    | 438-470   | 403-440, 438-470, 465-495                               |
| <b>800 BANDS (MHz)</b>  |   |   |                                      |  |  |   |   |
| <b>900 BANDS (MHz)</b>  |   |   | 900-928                              |  |  |   |   |
| <b>SIZE (with standard battery)</b>   | 5.9" x 2.0" x 1.0"                      | 5.28" x 2.52" x 1.49"                       | 5.9" x 2.2" x 1.8"                   | 4.21" x 2.28" x 1.46"                              | 4.55" x 2.20" x 1.81"                      | 5" x 2.4" x 1.75"                                       | 5" x 2.4" x 1.75"                                       |
| <b>ANALOG POWER OUTPUT</b>  | 1W                                      | 2W  | On-Site Digital                      | 1-4W UHF, 1-5W VHF                                 | 2-4W UHF; 2-5W VHF                         | 2W  | 4W UHF, 5W VHF  |
| <b>WEIGHT (with standard battery)</b>   | 4.6 Ounces                              | 9.8 Ounces (w/ NiMH)<br>9.2 Ounces (w/4 AA) | 7.6 Ounces /<br>Ounces               | 7.8<br>11.8 Ounces (NiMH) /<br>9.5 Ounces (Li-ion) | 11.5 Ounces                                | 14.98 Ounces  | 14.98 Ounces  |
| <b>NUMBER OF CHANNELS</b>   | 8                                       | 1 or 15                                     | NA                                   | 8  | 4  | 4 or 16   | 4 or 16   |
| <b>NUMBER OF USER PROGRAMMABLE FREQS</b>  | 56 UHF                                  | 27 VHF, 56 UHF                              | Up to 150 Contacts                   | CPS Programmable                                   | CPS Programmable                           | CPS Programmable  | CPS Programmable  |
| <b>STANDARD BATTERY</b>   | 3.6V 1100 mAh Li-ion                    | 4.8V 1500 mAh NiMH                          | 3.6V 1200 mAh or 1500<br>mAh Li-ion  | 6.8V 1200 mAh NiMH/<br>1500 mAh Li-ion             | 7.2V<br>1500 mAh NiMH                      | 7.2V 1100 mAh NiCd                                      | 7.2V 2250mAh Li-ion                                     |
| <b>LI-ION BATTERY</b>   | 3.6V 1100 mAh Li-ion                    |   | Standard Battery                     | 7.2V 1500 mAh Li-ion                               |  | 7.2V 2250 mAh<br>Li-ion or 7.2V 1600 mAh<br>Slim Li-ion | 7.2V 2250 mAh<br>Li-ion or 7.2V 1600 mAh<br>Slim Li-ion |
| <b>AVERAGE BATTERY LIFE, STANDARD BATTERY (5/5/90 DUTY CYCLE, High Power)</b>     | 12 Hours (Li-ion)<br>10 Hours (AAA)     | 13 Hours (NiMH)<br>22 Hours (AA)            | 14.5 Hours (1200/<br>19 Hours (1500) | 8 Hours (NiMH 4/5W)<br>11 Hours (NiMH 1W)          |  | 9 Hours (1100 mAh)                                      | 14 hours (2250 mAh)                                     |
| <b>AVERAGE BATTERY LIFE, MAX CAPACITY BATTERY (5/5/90 DUTY CYCLE, High Power)</b> | 12 Hours (Li-ion)<br>10 Hours (AAA)     | 13 Hours (NiMH)<br>22 Hours (AA)            | 19 Hours (1500 mAh)                  | 10 hours (Li-ion 4/5W)<br>14 hours (Li-ion 1W)     | 8 hours (4/5W)<br>11 hours (2W)            | 17 hours (2250 mAh)                                     | 14 hours (2250 mAh)                                     |
| <b>STANDARD CHARGER</b>   | 2.5 Hour Drop In                        | 10 Hour Plug In                             | 3 Hour Drop-In/<br>1 Hour Drop-In    | 3 Hour Tri-Chemistry Rapid<br>Charger              | 3 Hour Rapid Charger                       | 10 Hour Drop In   | 90 Min Rapid  |
| <b>ACCESSORY CONNECTOR</b>  | Dual Audio Jack                         | Dual Audio Jack                             | Dual Audio Jack                      | Dual Audio Jack                                    | Dual Audio Jack                            | Dual Audio Jack   | Dual Audio Jack   |
| <b>PL/DPL CODES</b>   | 38 PL, 83 DPL                           | 38 PL, 83 DPL                               | NA                                   | 38 PL, 83 DPL (plus non<br>standard codes)         | 38 PL, 83 DPL (plus non<br>standard codes) | 42 PL, 84 DPL (plus non<br>standard codes)              | 42 PL, 84 DPL (plus non<br>standard codes)              |
| <b>TRUNKED / CONVENTIONAL</b>   | Conventional                            | Conventional                                | Conventional                         | Conventional                                       | Conventional                               | Conventional  | Conventional  |
| <b>MIL SPEC CERTIFICATION</b>   |   |   |                                      |  |  |   |   |
| <b>NUMBER OF MIL-SPEC TESTS PASSED</b>  | 0                                       | 8   | 8                                    | 8  | 8  | 11  | 11  |
| <b>IP RATING</b>  |   | IP54  |                                      | IPX4   | IPX4                                       | IP54  | IP54  |
| <b>FEATURES</b>   |   |   |                                      |  |  |   |   |
| Digital or Analog   | Analog                                  | Analog                                      | Digital                              | Analog   | Analog                                     | Analog  | Analog  |
| <b>12.5/25 kHz SWITCHABLE CHANNEL SPACING</b>                                     | X                                       | X   |                                      | X  | X  | X   | X   |
| <b>X-PAND™ (Companding) TECHNOLOGY</b>  | X                                       | X   |                                      |  |  | X   | X   |
| <b>ADJUSTABLE AUDIO TONE CONTROL</b>  |   |   |                                      |  |  |   | X   |
| <b>BATTERY STATUS INDICATOR (LED)</b>   | X                                       | X   | X                                    | LED and Alert Tone                                 | X  | LED and Alert Tone                                      | LED and Alert Tone                                      |
| <b>BATTERY GAS GAUGE</b>  | X                                       | X   | X                                    |  | X  |   |   |
| <b>BUSY CHANNEL LOCKOUT</b>   |   |   | X                                    | X  | X  | X   | X   |
| <b>ADJUSTABLE POWER LEVELS</b>  |   |   |                                      | X  | X  | X   | X   |
| <b>INTERNAL VOX</b>   | X                                       | X   |                                      |  | X  | X   | X   |
| <b>DISPLAY</b>  | X                                       | X   | X                                    |  | X  |   |   |
| <b>PROGRAMMABLE BUTTONS</b><br>**short and long press available                   |   | 2 (15 ch model)                             | OTA Programming and<br>Cable Cloning | 2**  | 4**  | 2**   | 2**   |
| <b>MULTIPLE RING TONES</b>  | 7 Call Tones<br>(plus VibraCall™ Alert) | 4 Call Tones                                | 12 Alert Tones                       |  |  |   |   |
| <b>EMERGENCY SIREN</b>  |   |   |                                      |  |  |   |   |
| <b>FACTORY MUTUAL APPROVED</b>  |   |   |                                      |  |  |   |   |
| <b>CLOCK/DATE ON DISPLAY</b>  |   |   | X                                    |  |  |   |   |
| <b>SIGNAL STRENGTH INDICATOR</b>  | X                                       | X   | Talk Permit Tone                     |  | X  |   |   |
| <b>OPTION BOARD EXPANDABILITY</b>   |   |   |                                      |  |  |   |   |
| <b>VOICE STORAGE</b>  |   |   | SMS Messaging                        |  |  |   |   |
| <b>SIGNALING FEATURES</b>   |   |   |                                      |  |  |   |   |
| <b>QUICK-CALL II</b>  |   |   |                                      |  |  |   | Decode  |
| <b>DTMF ENCODE/DECODE</b>   |   |   |                                      |  |  |   |   |
| <b>DTMF TELEPHONE INTERCONNECT</b>  |   |   |                                      |  |  |   |   |
| <b>MDC-1200 CALL ALERT</b>  |   |   | X                                    |  |  |   |   |
| <b>MDC-1200 SELECTIVE CALL</b>  |   |   | Digital 1 to 1 Call                  |  |  |   |   |
| <b>MDC-1200 PTT-ID</b>  |   |   | Private ID                           |  |  |   | Encode  |
| <b>MDC-1200 EMERGENCY</b>   |   |   |                                      |  |  |   |   |
| <b>MDC-1200 SELECTIVE RADIO INHIBIT</b>   |   |   |                                      |  |  |   | Decode  |
| <b>MDC-1200 RADIO CHECK</b>   |   |   |                                      |  |  |   | Decode  |
| <b>SCAN</b>   |   |   |                                      |  |  |   |   |
| <b>SCAN</b>   | X                                       | 15 ch model                                 | X                                    | X  | X  | X   | X   |
| <b>NUISANCE CHANNEL DELETE</b>  | X                                       | X   | X                                    | X  | X  | X   | X   |
| <b>PRIORITY SCAN</b>  |   |   |                                      | X  | X  | X   | X   |
| <b>DUAL PRIORITY SCAN</b>   |   |   |                                      |  |  |   |   |
| <b>WARRANTY</b>   |   |   |                                      |  |  |   |   |
| <b>STANDARD WARRANTY</b>  | 1 Year                                  | 1 Year                                      | 1 Year                               | 1 Year   | 1 Year                                     | 2 Years   | 2 Years   |

Specifications subject to change without notice.

# Motorola Conventional Portable Radio Products

## March 2007

| MOTOROLA Conventional Portable Radio Products                                     | PR400   | HT750   | PR860                                   | HT1250  | HT1550-XLS                      | EX500                                 | EX560-XLS*                   | EX600-XLS                             | PR1500                          | MT1500                                       |
|---|---|---|---|---|---------------------------------|---------------------------------------|------------------------------|---------------------------------------|---------------------------------|--|
| <b>GENERAL SPECS</b>  |   |   |   |   |                                 |                                       |                              |                                       |                                 |  |
| <b>BAND AVAILABILITY</b>  | VHF, UHF  | LB, VHF, UHF  | LB, VHF, UHF                            | LB, VHF, UHF  | VHF, UHF                        | VHF, UHF                              | VHF, UHF                     | VHF, UHF                              | VHF, UHF                        | VHF, UHF, 800                                |
| <b>LOW BAND (MHz)</b>   | 29.7-42, 35-50                                    | 29.7-42, 35-50                                      | 29.7-42, 35-51                          | 29.7-42, 35-50                                      |                                 |                                       |                              |                                       |                                 |  |
| <b>VHF BANDS (MHz)</b>  | 136-162, 146-174                                  | 136-174   | 136-174                                 | 136-174   | 136-174                         | 136-174                               | 136-174                      | 136-174                               | 136-174                         | 138-174                                      |
| <b>UHF BANDS (MHz)</b>  | 403-440, 438-470, 465-495                         | 403-470, 450-512                                    | 403-470, 450-512                        | 403-470, 450-512                                    | 403-470, 450-512                | 403-470, 450-512                      | 403-470, 450-512             | 403-470, 450-512                      | 380-470, 450-520                | 380-470, 450-520                             |
| <b>800 BANDS (MHz)</b>  |   |   |   |   |                                 |                                       |                              |                                       |                                 | 806-824, 851-870                             |
| <b>900 BANDS (MHz)</b>  |   |   |   |   |                                 |                                       |                              |                                       |                                 |  |
| <b>SIZE (with standard battery)</b>   | 5" x 2.4" x 1.75"                                 | 5.4"x 2.26"x 1.5"                                   | 5.4"x 2.26"x 1.6"                       | 5.4"x 2.26"x 1.5"                                   | 5.4"x 2.26"x 1.5"               | 3.74"x1.3"x2.2"                       | 3.74"x1.5"x2.2"              | 3.74"x1.3"x2.2"                       | 6"x2.30"x1.5"                   | 6"x2.30"x1.5"                                |
| <b>ANALOG POWER OUTPUT</b>  | 4W UHF, 5W VHF                                    | 6W LB, 4W UHF, 5W VHF                               | 6W LB, 4W UHF, 5W VHF                   | 6W LB, 4W UHF, 5W VHF                               | 4W UHF, 5W VHF                  | 4W UHF, 5W VHF                        | 4W UHF, 5W VHF               | 4W UHF, 5W VHF                        | 5W UHF, 5W VHF                  | 5W UHF/VHF, 3W 800                           |
| <b>WEIGHT (with standard battery)</b>   | 13.3 Ounces                                       | 15 Ounces   | 12.8 Ounces                             | 15 Ounces   | 16 Ounces                       | 8.8 ounces                            | 11.3 ounces                  | 9.5 ounces                            | 20.63 ounces                    | 19.85 ounces                                 |
| <b>NUMBER OF CHANNELS</b>   | 16/32/64  | 4 or 16   | 16                                      | 128   | 160                             | 16                                    | 160                          | 160                                   | 32                              | 48   |
| <b>NUMBER OF USER PROGRAMMABLE FREQS</b>  | CPS Programmable                                  | CPS Programmable                                    | CPS Programmable                        | CPS Programmable                                    | CPS Programmable                | CPS Programmable                      | CPS Programmable             | CPS Programmable                      | CPS Programmable                | CPS Programmable                             |
| <b>STANDARD BATTERY</b>   | 7.2V 1600 mAh Slim Li-ion                         | 7.5V 1500 mAh NiMH (U,V) or 7.5V 1900 mAh NiMH (LB) | 7.5V 2000 mAh impres™ Li-ion            | 7.5V 1500 mAh NiMH (U,V) or 7.5V 1900 mAh NiMH (LB) | 7.5V 1500 mAh NiMH              | 7.5V 1300 mAh Li-ion                  | 7.5V 1350 mAh IP67 Li-ion    | 7.5V 1300 mAh Li-ion                  | 7.5V 1850 mAh impres™ NiMH      | 7.5V 1525 mAh NiCD                           |
| <b>LI-ION BATTERY</b>   | 7.2V 2250 mAh Li-ion or 7.2V 1600 mAh Slim Li-ion | 1500 mAh Li-ion                                     | 7.5V 2000 mAh impres™ Li-ion (Standard) | 1500 mAh Li-ion                                     | 1500 mAh Li-ion                 | 1300 mAh Li-ion, 1000 mAh Slim Li-ion | 7.5V 1350 mAh IP67 Li-ion    | 1300 mAh Li-ion, 1000 mAh Slim Li-ion |                                 |  |
| <b>AVERAGE BATTERY LIFE, STANDARD BATTERY (5/5/90 DUTY CYCLE, High Power)</b>     | 12 Hours (1600 mAh)                               | 8 Hours (1500 mAh)                                  | 14 Hours (2000 mAh)                     | 8 Hours (1500 mAh)                                  | 8 Hours (1500 mAh)              | 10 Hrs (1300 mAh)                     | 10 Hrs (1350 mAh)            | 10 Hrs (1300 mAh)                     | 10 Hrs (1850 mAh)               | 8 Hrs (1525 mAh)                             |
| <b>AVERAGE BATTERY LIFE, MAX CAPACITY BATTERY (5/5/90 DUTY CYCLE, High Power)</b> | 14 hours (2250 mAh)                               | 11 Hours (1900 mAh)                                 | 14 Hours (2000 mAh)                     | 11 Hours (1900 mAh)                                 | 11 Hours (1900 mAh)             | 10 Hrs (1300 mAh)                     | 10 Hrs (1350 mAh)            | 10 Hrs (1300 mAh)                     | 10 Hrs (1850 mAh)               | 10 Hrs (1850 mAh)                            |
| <b>STANDARD CHARGER</b>   | 90 Min Rapid                                      | 90 Min Rapid  | impres™ Rapid Single Unit Charger       | 90 Min Rapid  | 90 Min Rapid                    | 90 Min Rapid                          | 90 Min Rapid                 | 90 Min Rapid                          | 90 Min Rapid                    | Option                                       |
| <b>ACCESSORY CONNECTOR</b>  | Dual Audio Jack                                   | 13 Pin Flex Pro                                     | 13 Pin Flex Pro                         | 13 Pin Flex Pro                                     | 13 Pin Flex Pro                 | 13 Pin Flex Expert                    | 13 Pin Flex Expert           | 13 Pin Flex Expert                    | 13 Pin Flex (HT1000 Compatible) | 13 Pin Flex (HT1000 Compatible)              |
| <b>PL/DPL CODES</b>   | 42 PL, 84 DPL (plus non standard codes)           | 42 PL, 84 DPL                                       | 42PL, 84 DPL                            | 42 PL, 84 DPL                                       | 42 PL, 84 DPL                   | 42 PL, 84 DPL                         | 42 PL, 84 DPL                | 42 PL, 84 DPL                         | 42 PL, 84 DPL                   | 42 PL, 84 DPL                                |
| <b>TRUNKED / CONVENTIONAL</b>   | Conventional and LTR®                             | Conventional  | Conventional                            | Conventional  | Conventional and LTR®           | Conventional                          | Conventional and LTR®        | Conventional and LTR®                 | Conventional                    | Conventional (Trunked available through APB) |
| <b>MIL SPEC CERTIFICATION</b>   |   |   |   |   |                                 |                                       |                              |                                       |                                 |  |
| <b>NUMBER OF MIL-SPEC TESTS PASSED</b>  | 11  | 11  | 11                                      | 11  | 11                              | 11                                    | 11                           | 11                                    | 11                              | 11   |
| <b>IP RATING</b>  | IP54  | IP54  | IP54                                    | IP54  | IP54                            | IP54                                  | IP67 (Submersible)           | IP54                                  | IP54                            | IP54   |
| <b>FEATURES</b>   |   |   |   |   |                                 |                                       |                              |                                       |                                 |  |
| <b>Digital or Analog</b>  | Analog  | Analog  | Analog                                  | Analog  | Analog                          | Analog                                | Analog                       | Analog                                | Analog (Digital Upgradeable)    | Analog (Digital Upgradeable)                 |
| <b>12.5/25 kHz SWITCHABLE CHANNEL SPACING</b>                                     | X   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>X-PAND™ (Companding) TECHNOLOGY</b>  | X   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>ADJUSTABLE AUDIO TONE CONTROL</b>  |   |   |   |   |                                 |                                       |                              |                                       | X                               | X  |
| <b>BATTERY STATUS INDICATOR (LED)</b>   | 32/64 ch models                                   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>BATTERY GAS GAUGE</b>  | X   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>BUSY CHANNEL LOCKOUT</b>   | X   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>ADJUSTABLE POWER LEVELS</b>  | X   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>INTERNAL VOX</b>   | X   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>DISPLAY</b>  | 8 character (32/64 ch models)                     |   |   | 14 Character  | 56 Character                    |                                       | 14 Character                 | 14 Character                          |                                 | 48 Character (1.5 Model)                     |
| <b>PROGRAMMABLE BUTTONS</b>   | 2** (16 ch)                                       | 4**   | 4**                                     | 7**   | 7**                             | 3**                                   | 6**                          | 6**                                   | 4                               | 4  |
| <b>MULTIPLE RING TONES</b>  |   |   |   | X   | X                               | X                                     | X                            | X                                     |                                 |  |
| <b>EMERGENCY SIREN</b>  |   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     |                                 |  |
| <b>FACTORY MUTUAL APPROVED</b>  | Option  | Option  | Option                                  | Option  | Option                          | Option                                | Option                       | Option                                | Option                          | Option                                       |
| <b>VOICE SCRAMBLING</b>   |   | Option Board  | Option Board                            | Option Board  | Option Board                    |                                       |                              |                                       |                                 |  |
| <b>VIBRACALL ALERT</b>  | -   | -   | -                                       | -   | -                               | -                                     | -                            | -                                     | -                               | -  |
| <b>CLOCK/DATE ON DISPLAY</b>  |   |   |   | X   | X                               |                                       | X                            | X                                     |                                 | X  |
| <b>SIGNAL STRENGTH INDICATOR</b>  | X   |   |   | X   | X                               |                                       | X                            | X                                     |                                 | X  |
| <b>OPTION BOARD EXPANDABILITY</b>   | X   | X   | X                                       | X   | X                               |                                       |                              |                                       |                                 |  |
| <b>VOICE STORAGE</b>  |   | Option Board  | Option Board                            | Option Board  | X (w/Answer Mode)               |                                       |                              |                                       |                                 |  |
| <b>SIGNALING FEATURES</b>   |   |   |   |   |                                 |                                       |                              |                                       |                                 |  |
| <b>QUIK-CALL II</b>   | Encode/Decode                                     | Decode (16 ch)                                      | Decode (16 ch)                          | Encode/Decode                                       | Encode/Decode (Conventional)    | Decode                                | Encode/Decode (Conventional) | Encode/Decode (Conventional)          | Encode/Decode                   | Encode/Decode                                |
| <b>DTMF ENCODE/DECODE</b>   | Encode  | Encode (16 Ch)/Decode with Option Board             | Encode/Decode with Option Board         | Encode/Decode with Option Board                     | Encode/Decode with Option Board |                                       |                              |                                       | Encode/Decode                   | Encode/Decode                                |
| <b>DTMF TELEPHONE INTERCONNECT</b>  | X   | Optional  | Optional                                | Optional  | Optional                        |                                       | X                            | X                                     |                                 |  |
| <b>MDC-1200 CALL ALERT</b>  | Encode  | Decode (16 ch)                                      | Decode                                  | Encode/Decode                                       | Encode/Decode                   | Decode                                | Encode/Decode                | Encode/Decode                         | Decode                          | Decode                                       |
| <b>MDC-1200 SELECTIVE CALL</b>  | Encode/Decode                                     | Decode (16 ch)                                      | Decode                                  | Encode/Decode                                       | Encode/Decode                   | Decode                                | Encode/Decode                | Encode/Decode                         | Decode                          | Decode                                       |
| <b>MDC-1200 PTT ID</b>  | Encode/Decode                                     | Encode  | Encode                                  | Encode/Decode                                       | Encode/Decode                   | Encode                                | Encode/Decode                | Encode/Decode                         | Encode                          | Encode                                       |
| <b>MDC-1200 EMERGENCY</b>   | Encode (16 ch)                                    | Encode  | Encode                                  | Encode  | Encode                          | Encode                                | Encode                       | Encode                                | Encode                          | Encode                                       |
| <b>MDC-1200 SELECTIVE RADIO INHIBIT</b>   | Decode  | Decode (16 ch)                                      | Decode                                  | Decode  | Decode                          | Decode                                | Decode                       | Decode                                | Decode                          | Decode                                       |
| <b>MDC-1200 RADIO CHECK</b>   | Decode  | Decode  | Decode                                  | Encode/Decode                                       | Encode/Decode                   | Decode                                | Encode/Decode                | Encode/Decode                         | Decode                          | Decode                                       |
| <b>SCAN</b>   |   |   |   |   |                                 |                                       |                              |                                       |                                 |  |
| <b>SCAN</b>   | X   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>NUISANCE CHANNEL DELETE</b>  | X   | X   | X                                       | X   | X                               | X                                     | X                            | X                                     | X                               | X  |
| <b>PRIORITY SCAN</b>  | X   | X (16 ch)   | X                                       | X   | X                               | X                                     | X (Conventional)             | X (Conventional)                      | X                               | X  |
| <b>DUAL PRIORITY SCAN</b>   | X   |   |   | X   | X                               |                                       | X (Conventional)             | X (Conventional)                      | X                               | X  |
| <b>WARRANTY</b>   |   |   |   |   |                                 |                                       |                              |                                       |                                 |  |
| <b>STANDARD WARRANTY</b>  | 2 Years   | 2 Years   | 2 Years                                 | 2 Years   | 2 Years                         | 3 Years                               | 3 Years                      | 3 Years                               | 2 Years                         | 1 Year                                       |
| Specifications subject to change without notice.                                  |   |   |   |   |                                 |                                       |                              |                                       |                                 |  |

\* Available in Q2

# Motorola Conventional Mobile Radio Products

## March, 2007

| MOTOROLA Conventional Mobile Radio Products                     | CM200                 | CM300                    | CDM750   | PM400                 | CDM1250                           | CDM1550                | CDM1550-LS+                       | PM1500                                   | XTL1500   |
|---|-----------------------|--------------------------|--|-----------------------|-----------------------------------|------------------------|-----------------------------------|--|---|
| <b>GENERAL SPECS</b>  |                       |                          |  |                       |                                   |                        |                                   |  |   |
| <b>BAND AVAILABILITY</b>  | VHF, UHF              | VHF, UHF                 | LB, VHF, UHF                                     | VHF, UHF              | LB, VHF, UHF                      | LB                     | VHF, UHF, 200, 700                | VHF, UHF                                 | VHF, UHF, 700, 800                                  |
| <b>LOW BAND</b>   |                       |                          | 29.7-36, 36-42, 42-50                            |                       | 29.7-36, 36-42, 42-50             | 29.7-36, 36-42, 42-50  |                                   |  |   |
| <b>VHF BANDS (MHz)</b>  | 146-174               | 136-162 (45W)<br>146-174 | 136-174  | 146-174               | 136-174                           |                        | 136-174                           | 136-174                                  | 136-174   |
| <b>UHF BANDS (MHz)</b>  | 438-470               | 438-470                  | 403-470, 450-512                                 | 438-470, 465-495      | 403-512                           |                        | 403-470, 450-512                  | 380-470                                  | 380-470, 450-520                                    |
| <b>200/700/800 BANDS (MHz)</b>                                  |                       |                          |  |                       |                                   |                        | 217 - 222, 746 - 794              |  | 764-806, 806-870                                    |
| <b>DIMENSIONS H x W x L</b><br>**UHF HP shown                   | 1.73" x 6.67" x 4.64" | 1.73" x 6.67" x 4.64"    | 2.3"x 6.93" x 7.44" **                           | 1.73" x 6.67" x 4.64" | 2.34" x 7.05" x 7.8" **           | 2.83" x 7.28" x 10.02" | 2.34"x 7.05" x 7.79" (HP)         | 2.7" x 8" x 12.3" and 2.5" x 7.2" x 3.3" | 2.6" x 7.3" x 9.8"                                  |
| <b>WEIGHT</b>   | 2.25 lbs              | 2.25 lbs                 | 3.5 lbs  | 2.25 lbs              | 3.5 lbs                           | 4.5 lbs                | 3.15 - 3.50 lbs                   | 9.7 lbs                                  | 5.2 lbs   |
| <b>POWER OUTPUT</b>   | 1-25W<br>25-45W       | 1-25W<br>25-45W          | 1-25W<br>25-45W (V)<br>25-40W (U)<br>40-60W (LB) | 1-25W<br>25-45W       | 1-25W<br>25-40W(U)<br>40-60W (LB) | 40-60W                 | 1-25W<br>25-40W                   | 25-110W                                  | 10-50W (VHF)<br>10-40/45W (UHF)<br>10-35W (700/800) |
| <b>NUMBER OF CHANNELS:</b>                                      | 4                     | 32                       | 4  | 64                    | 64                                | 128                    | 16 or 160                         | 255                                      | 48 or 255   |
| <b>TRUNKED / CONVENTIONAL</b>                                   | Conventional          | Conventional             | Conventional                                     | Conventional and LTR® | Conventional                      | Conventional           | Conventional, LTR®, and PassPort® | Conventional                             | Conventional (Trunked available through APB)        |
| <b>MILITARY SPECS:</b>  |                       |                          |  |                       |                                   |                        |                                   |  |   |
| <b>MIL-SPEC CERTIFIED</b>                                       | 7                     | 7                        | 11   | 7                     | 11                                | 11                     | 11                                | 18                                       | 18  |
| <b>FEATURES</b>   |                       |                          |  |                       |                                   |                        |                                   |  |   |
| <b>Digital or Analog</b>  | Analog                | Analog                   | Analog   | Analog                | Analog                            | Analog                 | Analog                            | Analog (Digital Upgradeable)             | P25 Digital   |
| <b>12.5/25 kHz SWITCHABLE CHANNEL SPACING</b>                   | X                     | X                        | X  | X                     | X                                 |                        | X                                 | X  | X   |
| <b>X-Pand (Companding) Technology</b>                           | X                     | X                        | X  | X                     | X                                 | X                      | X                                 |  |   |
| <b>PL/DPL CODES</b>   | 42 PL/84 DPL          | 42 PL/84 DPL             | 42 PL/84 DPL                                     | 42 PL/84 DPL          | 42 PL/84 DPL                      | 42 PL/84 DPL           | 42 PL/84 DPL                      | 42 PL, 84 DPL                            | 42 PL, 84 DPL                                       |
| <b>TIME OUT TIMER</b>   | X                     | X                        | X  | X                     | X                                 | X                      | X                                 | X  | X   |
| <b>BUSY CHANNEL LOCKOUT</b>                                     | X                     | X                        | X  | X                     | X                                 | X                      | X                                 | X  | X   |
| <b>ADJUSTABLE POWER LEVELS</b>                                  | X                     | X                        | X  | X                     | X                                 | X                      | X                                 | X  | X   |
| <b>ALPHANUMERIC DISPLAY</b>                                     | Single digit          | 8 Character              |  | 8 Character           | 14 Character                      | 14 Character           | 14 Character                      | 8 Character                              | 8 Character   |
| <b>PROGRAMMABLE BUTTONS</b><br>****short & long press available | 2****                 | 4****                    | 2****  | 4****                 | 4****                             | 4****                  | 4****                             | 4 Standard (16 with keypad mic)          | 4 Standard (16 with keypad mic)                     |
| <b>CUSTOMIZABLE OPTION BUTTONS</b>                              |                       |                          | X  |                       | X                                 | X                      | X                                 | Soft Menu                                | Soft Menu   |
| <b>REMOTE MOUNTABLE CONTROL HEAD</b>                            |                       |                          | X  |                       | X                                 | X                      | X                                 | Standard                                 |   |
| <b>SIGNAL STRENGTH INDICATOR</b>                                |                       | X                        |  | X                     | X                                 | X                      | X                                 | X  | X   |
| <b>OPTION BOARD EXPANDABILITY</b>                               |                       | X                        | X  | X                     | X                                 | X                      | X                                 |  |   |
| <b>VOICE STORAGE</b>  |                       |                          | Option Board                                     |                       | Option Board                      | Option Board           | Option Board                      |  |   |
| <b>SIGNALING FEATURES</b>                                       |                       |                          |  |                       |                                   |                        |                                   |  |   |
| <b>QUIK-CALL II</b>   | Decode                | Encode/Decode            |  | Encode/Decode         | Encode/Decode                     | Encode/Decode          | Encode/Decode                     | Encode/Decode                            | Encode/Decode                                       |
| <b>DTMF ENCODE/DECODE</b>                                       | Encode                | Encode                   |  | Encode                | Encode                            | Encode                 | Encode                            | Encode/Decode                            | Encode/Decode                                       |
| <b>MDC-1200 CALL ALERT</b>                                      |                       | Decode                   |  | Encode/Decode         | Encode/Decode                     | Encode/Decode          | Encode/Decode                     | Encode/Decode                            | Encode/Decode                                       |
| <b>MDC-1200 SELECTIVE CALL</b>                                  |                       |                          |  | Encode/Decode         | Encode/Decode                     | Encode/Decode          | Encode/Decode                     | Encode/Decode                            | Encode/Decode                                       |
| <b>MDC-1200 PTT-ID</b>  | Encode                | Encode/Decode            | Encode   | Encode/Decode         | Encode/Decode                     | Encode/Decode          | Encode/Decode                     | Encode/Decode                            | Encode/Decode                                       |
| <b>MDC-1200 EMERGENCY CALL</b>                                  | Encode                | Encode                   |  | Encode                | Encode                            | Encode/Decode          | Encode/Decode                     | Encode/Decode                            | Encode/Decode                                       |
| <b>MDC-1200 RADIO CHECK</b>                                     | Decode                | Decode                   |  | Decode                | Encode/Decode                     | Encode/Decode          | Encode/Decode                     | Decode                                   | Decode  |
| <b>MDC-1200 SELECTIVE RADIO INHIBIT</b>                         | Decode                | Decode                   | Decode   | Decode                | Decode                            | Decode                 | Decode                            | Decode                                   | Decode  |
| <b>SCAN</b>   |                       |                          |  |                       |                                   |                        |                                   |  |   |
| <b>DUAL PRIORITY SCAN</b>                                       |                       | X                        |  | X                     | X                                 | X                      | X                                 | X  | X   |
| <b>HOME REVERT SCAN</b>   | X                     | X                        |  | X                     | X                                 | X                      | X                                 | X  | X   |
| <b>NUISANCE CHANNEL DELETE</b>                                  |                       | X                        | X  | X                     | X                                 | X                      | X                                 | X  | X   |
| <b>WARRANTY</b>   |                       |                          |  |                       |                                   |                        |                                   |  |   |
| <b>STANDARD WARRANTY</b>  | 2 Years               | 2 Years                  | 2 Years  | 2 Years               | 2 Years                           | 2 Years                | 2 Years                           | 2 Years                                  | 1 Year  |
| Specifications subject to change without notice                 |                       |                          |  |                       |                                   |                        |                                   |  |   |