

PRODUCT COMPARISON MATRIX Analog Portables

	PR860	HT750	HT1250	EX500	MT1500	PR400	HT1250LS+	EX560XLS	EX600XLS
General									
Display	N/A	N/A	14-Character Alphanumeric	N/A	Optional 4/12-Character Alphanumeric	Optional 8-Character Alphanumeric	14 Character Alphanumeric	14 Character Alphanumeric	14 Character Alphanumeric
Expansion Card Capable	Y	Y	Y	N/A	N/A	Y	Y	N/A	N/A
Frequency Bands	VHF/UHF/Lowband	VHF/UHF/Lowband	VHF/UHF/Lowband	VHF/UHF	VHF/UHF/800	VHF/UHF	VHF/UHF	VHF/UHF	VHF/UHF
Ingress Protection Rating	IP54	IP54	IP54	Optional/IP67	IP54	IP54	IP54	Standard IP67	IP54
Intrinsically Safe Option	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Standard	Optional
Keypad	N/A	N/A	Limited/Full	N/A	N/A	None/Limited/Full	Limited/Full	Limited	Full
Max. # of Channels	16	16	16	16	16	16/32/64	32	160	160
Max. # of Zones	N/A	N/A	8	N/A	6	N/A	15	15	15
Password Lock	N/A	N/A	Full Keypad Only	N/A	N/A	N/A	Y	Y	Y
Power Output	5W(V) 4W(U)	5W(V) 4W(U)	5W(V) 4W(U)	5W(V) 4W(U)	5W(V) 5W(U)	5W(VHF) 4W(UHF)	5W(V) 4W(U)	5W(V) 4W(U)	5W(V) 4W(U)
Third Party Applications	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Analog Conventional	✓	✓	✓	✓	✓	✓	✓	✓	✓
12.5 KHz Channel Bandwidth	Y	Y	Y	Y	Y	Y	Y	Y	Y
And/Or Signaling Squelch in MDC 1200	Y	Y	Y	Y	Y	Y	Y	Y	Y
And/Or Signaling Squelch in Quik-Call II	Y	Y	Y	Y	Y	Y	Y	Y	Y
Bluetooth Audio	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CSQ/TPL/DPL Squelch Type	Y	Y	Y	Y	Y	Y - 32/64Ch	Y	Y	Y
DTMF Hot Keypad	N/A	N/A	Y	N/A	N/A	Y	Y	Y	Y
Escalart Tone	Y	Y	Y	Y	N/A	Y	Y	Y	Y
Lone Worker	N/A	Y	Y	N/A	N/A	N/A	Y	N/A	N/A
Man Down	N/A	Y	Y	N/A	N/A	N/A	Y	N/A	N/A
MDC 1200 Sig. Call Alert	Decode	Decode	Encode/Decode	Decode	Request-To-Talk	16Ch-Dec Only 32/64Ch-Enc/Dec	Encode/Decode	Encode/Decode	Encode/Decode
MDC 1200 Sig. Emergency	Encode	Encode	Encode	Encode	Y - Silent Emergency	N/A	Encode	Encode	Encode
MDC 1200 Sig. PTT-ID	Encode	Encode	Encode/Decode	Encode	Encode	16Ch-Enc Only 32/64Ch-Enc/Dec	Encode/Decode	Encode/Decode	Encode/Decode
MDC 1200 Sig. Selective Call	Decode	Decode	Encode/Decode	Decode	N/A	16Ch-Enc Only 32/64Ch-Enc/Dec	Encode/Decode	Encode/Decode	Y
MDC 1200 Sig. Status Messages	N/A	N/A	N/A	N/A	Y	N/A	Encode	N/A	N/A
MDC 1200 Sig. Radio Check	Decode	Decode	Encode/Decode	Decode	Y	Decode	Encode/Decode	Encode/Decode	Encode/Decode
MDC 1200 Sig. Remote Monitor	N/A	N/A	N/A	Y	N/A	N/A	N/A	NA	N/A
Quik-Call II Signaling	Decode	Decode	Encode/Decode	Decode	N/A	All Decode 32/64Ch Enc/Dec	Encode/Decode	Encode/Decode	Encode/Decode
Scan	Y	Y	Y	Y	Y	Y	Y	Y	Y
Scan (Operator Selectable On/Off)	N/A	N/A	Y	N/A	Y	Y	Y	Y	Y
Scan with Dual Priority Levels	N/A	N/A	Y	N/A	Y	Y	Y	Y	Y
Talk Around	Y	Y	Y	Y	Y	Y	Y	Y	Y
VOX (Voice Operated Transmit)	Y	Y	Y	Y	N/A	Y	Y	Y	Y
X-Pand Companding Audio Enhancement	Y	Y	Y	Y	N/A	Y	Y	Y	Y
LTR/PassPort Trunking (Analog)	N/A	N/A	N/A	N/A	N/A	LTR	LTR/Passport	LTR	LTR
Max. # of Groups	N/A	N/A	N/A	N/A	N/A	16(16Ch) 100(32/64Ch)	16	16	16
Max. # of Trunked Systems	N/A	N/A	N/A	N/A	N/A	4(16Ch)	15	15	15
LTR									
Busy Queuing and Call Back	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GPS (TrAVL data)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MDC 1200 Sig. Call Alert	N/A	N/A	N/A	N/A	N/A	N/A	Encode/Decode	Encode/Decode	Encode/Decode
MDC 1200 Sig. Emergency	N/A	N/A	N/A	N/A	N/A	N/A	Encode	Encode	Encode
MDC 1200 Sig. PTT-ID	N/A	N/A	N/A	N/A	N/A	Y	Encode/Decode	Encode/Decode	Encode/Decode
Scan (Group)	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y	Y
Scan (LTR and Conventional- option board)	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y	Y
Scan (Operator Selectable On/Off)	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Y
Scan with Priority	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Y
X-Pand Companding Audio Enhancement	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y	Y

PRODUCT COMPARISON MATRIX

Analog Portables

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	PR860	HT750	HT1250	EX500	MT1500	PR400	HT1250LS+	EX560XLS	EX600XLS
Classic PassPort									
All Call	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Automatic Site Registration	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Automatic Site Roaming	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Band 5B Frequency Assignments	N/A	N/A	N/A	N/A	N/A	N/A	N/A Band 12	N/A	N/A
Bluetooth Audio	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Busy Queuing and Call Back	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Call Alert	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Direct Frequency Assignment	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Escalert Tone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ESN System Access Verification	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Failsafe Operation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GPS (TrAVL data)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Group Call	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Home Channel Revert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Home System Lookback	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Lone Worker	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Down	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Multi-group Call	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Neighbor List DFA	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Privacy (Basic)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Privacy (Enhanced)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private (Selective) Call	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
PTT-ID (MIN View)	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Scan (Group)	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Scan (Mixed Mode - Analog/Digital Channels)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scan (Operator Selectable On/Off)	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Scan with Dual Priority	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Site Lock/Roam Request	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Stun/Kill	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Talk Around	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Telephone Interconnect	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Text Messaging	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Transmit Interrupt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Classic PassPort (Continuation)									
VOX (Voice Operated Transmit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
X-Pand Companding Audio Enhancement	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Enhanced PassPort (Additional Features)									
Channel Backup	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Emergency	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Message Trunking	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
Selective Call Across Talkgroups	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A
User Priority Access Levels	N/A	N/A	N/A	N/A	N/A	N/A	Y	N/A	N/A

GENERAL NOTES

- * Analog Portable subscriber features are based on the latest radio firmware, option board firmware and CPS versions.
- * Some features may require additional infrastructure equipment or licensing (i.e. GPS, Telephone Interconnect)
- * Motorola Solutions Customer Service at 1-800-927-2744.
- * Table entry Y = Available.
- * Table entry N/A = Not Available or Not Applicable.
- * Table entry = Optional. Feature requires additional hardware and/or software license.

PRODUCT COMPARISON MATRIX
Analog Mobiles

	CDM750	CDM1250	CDM1550	PM1500	PM1200	VX-5500	XTL1500	PM400	CDM1550 LS+
Scan (LTR and Conventional- option board)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y
Scan (Operator Selectable On/Off)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y
Scan with Priority	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y
X-Pand Companding Audio Enhancement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y
Classic PassPort									
All Call	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Automatic Site Registration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Automatic Site Roaming	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Band 5B Frequency Assignments	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Busy Queuing and Call Back	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
Call Alert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Direct Frequency Assignment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Escalart Tone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	?
ESN System Access Verification	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Failsoft Operation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
GPS (TrAVL data)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Group Call	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Home Channel Revert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
Home System Lookback	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Horn/Lights (Alarm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Lone Worker	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
Multi-group Call	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Neighbor List DFA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Privacy (Basic)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
Privacy (Enhanced)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
Private (Selective) Call	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
PTT-ID (MIN View)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Scan (Group)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Scan (Operator Selectable On/Off)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Scan with Dual Priority	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
Site Lock/Roam Request	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Stun/Kill	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Talk Around	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
Telephone Interconnect	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Text Messaging	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
Transmit Interrupt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
X-Pand Companding Audio Enhancement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Enhanced PassPort (Additional Features)									
Channel Backup	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Emergency	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Home Channel Revert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Message Trunking	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
Selective Call Across Talkgroups	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y
User Priority Access Levels	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y

GENERAL NOTES

- Analog Mobile subscriber features are based on the latest radio firmware, option board firmware and CPS versions.
- * Online version of the Analog Mobile Feature Matrix is available in Motorola Online (Resource Center/Product Information/Two-Way Product Comparison Matrixes).
- * Some features may require additional infrastructure equipment or licensing (i.e. Telephone Interconnect)
- * Please refer to Analog Mobile System Planners for more details on features or contact Motorola Solutions Customer Service at 1-800-927-2744.
- * Table entry Y = Available.
- * Table entry N/A = Not Available or Not Applicable.
- * Table entry = Optional. Feature requires additional hardware and/or software license.

Canadian customers and US based customers who are not impacted by this FCC mandate for Part 90 VHF and UHF frequencies may contact Motorola customer service can request an enablement key to reinstate 25 kHz programming capabilities into the CPS.

WARNING: It is the responsibility of the FCC licensee to comply with FCC Narrowbanding rules and not apply these international & service tools in a manner that is inconsistent with the Narrowbanding regulations or the directions provided by the manufacturer.