

Conventional Mobile Comparison Matrix

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(X = YES) (- = No)	SM50	SM120	M1225	M130	GM300	M208/M216	MaxTrac	CDM750	CDM1250	CDM1550	MaraTrac	MCS2000
GENERAL SPECS												
BAND AVAILABILITY (MHz)	VHF, UHF	VHF, UHF	VHF, UHF	VHF, UHF	LB, VHF, UHF	Low Band	LB, VHF, UHF	LB, VHF, UHF	LB, VHF, UHF	LB, VHF, UHF	LB, VHF, UHF	VHF, UHF
LOW BAND	N/A	N/A	N/A	N/A	N/A	29.7-36, 36-42, 42-50	29.7-36, 36-42, 42-50	29.7-36, 36-42, 42-50	29.7-36, 36-42, 42-50	29.7-36, 36-42, 42-50	29.7-36, 36-42, 42-50	N/A
VHF	136-170	136-170	150-174	146-174	136-174	N/A	136-174	136-174	136-174	136-174	150-174	136-174
UHF	450-490	450-490	450-474	438-520	403-520	N/A	449-470	403-512	403-512	403-512	450-470	403-512
POWER LEVELS												
1-25w	10-25w	10-25w	10-25w	-	1-25w	-	10-25w	1-25w	1-25w	1-25w	-	1-25w
25-45w	25-40w	25-40w	25-40w	25-45w	25-45w	-	25-45w	25-45w	25-45w	25-45w	-	20-40w
40-60w	-	-	-	-	-	40-60w	40-60w	40-60w	40-60w	40-60w	-	-
100-110w	-	-	-	-	-	-	-	-	-	-	50-110w	50-110w
NUMBER OF MODES:	2	16	4 or 20	2	8 or 16	8 or 16	2, 6, 32	4	64	128	99	48 or 160 std
FEATURES												
12.5/25 kHz SWITCHABLE CHANNEL SPACING	-	-	X	-	-	-	-	X	X	X	-	X
X-PAND (COMPANDING) TECHNOLOGY	-	-	X	-	-	-	-	X	X	X	-	-
MIL-SPEC CERTIFIED	Limited	Limited	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full
TIME OUT TIMER	X	X	X	X	X	X	X	X	X	X	X	X
BUSY CHANNEL LOCKOUT	X	X	X	X	X	X	X	X	X	X	-	X
ADJUSTABLE POWER LEVELS	X	X	X	X	X	X	-	X	X	X	-	X
ALPHANUMERIC DISPLAY	-	-	8 Character (20 ch)		-	-	-	-	14 Character	14 Character	-	14 char/2x14 char
PROGRAMMABLE OPTION BUTTONS	1	1	3	-	-	-	-	2	4	4	-	13
CUSTOMIZABLE OPTION BUTTONS	-	-	-	-	-	-	-	X	X	-	-	X
MULTIPLE RING TONES	-	-	-	-	-	-	-	-	X	X	-	-
REMOTE MOUNTABLE CONTROL HEAD	-	-	-	X	X	-	-	X	X	X	X	X
SIGNALLING FEATURES												
QUIK-CALL II DECODE	Option Board	Option Board	Option Board	-	16-Channel	16-Channel	6/32 channel	-	X	X	X	X
QUIK-CALL II ENCODE	-	-	-	-	16-Channel	16-Channel	6/32 channel	-	X	X	-	-
MDC-1200 CALL ALERT DECODE	-	-	-	X	16-Channel	16-Channel	6/32 channel	-	X	X	X	X
MDC-1200 CALL ALERT ENCODE	-	-	-	-	16-Channel	16-Channel	6/32 channel	-	X	X	-	X
MDC-1200 SEL CALL DECODE	-	-	-	X	16-Channel	16-Channel	6/32 channel	-	X	X	X	X
MDC-1200 SEL CALL ENCODE	-	-	-	-	16-Channel	16-Channel	6/32 channel	-	X	X	-	X
MDC-1200 PTT-ID DECODE	-	-	-	X	16-Channel	16-Channel	6/32 channel	-	X	X	-	X
MDC-1200 PTT-ID ENCODE	-	-	-	X	16-Channel	16-Channel	6/32 channel	X	X	X	X	X
MDC-1200 EMERGENCY ENCODE	-	-	-	-	16-Channel	16-Channel	6/32 channel	-	X	X	X	X
MDC-1200 EMERGENCY DECODE	-	-	-	-	16-Channel	16-Channel	6/32 channel	-	-	X	-	-
MDC-1200 COVERT/SILENT EMERGENCY ENCO	-	-	-	-	-	-	6/32 channel	-	X	X	X	X
MDC-1200 RADIO CHECK DECODE	-	-	-	-	16-Channel	16-Channel	6/32 channel	-	X	X	-	X
MDC-1200 RADIO CHECK ENCODE	-	-	-	-	16-Channel	16-Channel	6/32 channel	-	X	X	-	-
MDC-1200 STATUS/MESSAGE	-	-	-	-	-	-	-	-	-	X	-	X
MDC-1200 SELECTIVE RADIO INHIBIT	-	-	-	-	-	-	-	X	X	X	-	X
MDC-1200 REMOTE MONITOR								Decode	Decode	Encode/Decode		
MDC-1200 EMERGENCY REMOTE MONITOR									X	X		X
SCAN												
NON-PRIORITY SCAN	-	X	X	-	X	X	X	X	X	X	X	X
PRIORITY SCAN	-	-	X	-	X	X	X	X	X	X	X	X
DUAL PRIORITY SCAN	-	-	X	-	-	-	-	-	X	X	-	X
HOME REVERT SCAN	-	X	X	-	X	X	-	-	X	X	-	-
NUISANCE CHANNEL DELETE	-	X	X	-	X	X	X	X	X	X	-	X
OPERATOR SELECT SCAN	-	-	-	-	-	-	X	-	-	X	X	X
TALK BACK SCAN	-	X	X	-	X	X	X	X	X	X	X	X
MISC. FEATURES												
SIGNAL STRENGTH INDICATOR	-	-	-	-	-	-	-	-	X	X	-	-
OPTION BOARD EXPANDABLY	X	X	X	-	-	-	-	X	X	X	-	-
VOICE STORAGE	-	-	-	-	-	-	-	X	X	X	-	-
WARRANTY	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	2 Years	2 Years	2 Years	1 Year	1 Year

Available on CDM Series with Version 4.0 CPS and version 3.0 firmware or higher.