MOTOROLA

COMMERCIAL SERIES
PORTABLE & MOBILE RADIOS
and ACCESSORIES

ALTECH®
ALCOM RADIO
Leading Technologies: Touching Lives

Contents

Reseller Price Book
CP Series - Page   1
Valid from: 16th September 2011

Commercial Series Portable
CP040
VHF & UHF Models

CP040 - Two-Way Radio with 4 Channels

The new CP040 portable two-way radios deliver the quality features you want. It is available in both 4 W UHF and 5W VHF models.
Simple to operate which allows users to keep in contact while still concentrating on the job in hand.

Hardware features:
· 4 position rotary with stop
· 2 side buttons

Operator friendly controls and features include:

· Large Rotary Channel Selector	· Battery Latch Lock
· Rotary On/OFF and Volume Control	· Large Textured PTT
· Tricolour LED	· Spring Action Belt Clip
· Accessory Connector for convenient access	· Rugged, Die-Cast Chassis
· Two Programmable Option Buttons support your choice of up to four product features	

All CP040 Portables include:

- Portable Radio without keypad	- Dust Cover
- Slim LiIon Battery - NNTN4970	- Antenna
- Belt Clip 7,5 cm - HLN8255	
- Single unit Rapid Charger incl. Power Supply	

The following frequencies are potentially self-quieting and should be avoided:

VHF: 151.9375, 151.2000, 151.20625, 167.99375, 168.0000, 168.00625 MHz
UHF B1: 419.993750, 420.000000, 420.006250 MHz
UHF B2: 443.93125, 443.93750, 443.94375, 443.9500, 443.95625, 443.96250, 443.96875 MHz
UHF B3: 488.326250, 488.332500, 488.338750, 488.345000, 488.351250, 488.357500, 488.363750 MHz

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
CP040 Portable Models:		
VHF (136 - 162 MHz)		
MDH50JDC9AA1AN	CP040 136 - 162 MHz, 1 - 5 W, 4CH, no keypad	$290.00
VHF (146 - 174 MHz)		
MDH50KDC9AA1AN	CP040 146 - 174 MHz, 1 - 5 W, 4CH, no keypad	$290.00
UHF1 (403 - 440 MHz)		
MDH50QDC9AA1AN	CP040 403 - 440 MHz, 1 - 4W, 4CH, no keypad	$290.00
UHF2 (438 - 470 MHz)		
MDH50RDC9AA1AN	CP040 438 - 470 MHz, 1 - 4W, 4CH, no keypad	$290.00

Mandatory Options: One option from each group must be chosen

Group 1		
QA02086AA	Adds: Slim LiIon batt. NNTN4970, 1600MAH	$0.00
QA02087AA	Adds: NiMH batt. NNTN4851, 1400MAH	-$40.00
QA02089AA	Adds: NiCd batt. NNTN4496, 1100MAH	-$50.00
QA02267AA	Del: Battery	-$85.00
Group 2		
QA02082AA	Adds SUC WPLN4139, Euro plug	$0.00
QA02083AA	Adds SUC WPLN4140, UK plug	$0.00
QA02084AA	Del: SUC	-$40.00

Commercial Series Portable
CP140

Reseller Price Book			**VHF & UHF Models**
CP Series - Page	**2**		
Valid from:	**16th September 2011**		**MDC1200**

CP140 - Two-Way Radio with 16 Channels

The new CP140 portable two-way radios deliver the quality features you want. It is available in both 4 W UHF and 5W VHF models. Simple to operate which allows users to keep in contact while still concentrating on the job in hand.

Hardware features:
· 16 position rotary with stop
· 2 side buttons

Operator friendly controls and features include:

· Large Rotary Channel Selector	· Battery Latch Lock
· Rotary On/OFF and Volume Control	· Large Textured PTT
· Tricolour LED	· Spring Action Belt Clip
· Accessory Connector for convenient access	· Rugged, Die-Cast Chassis
· Two Programmable Option Buttons support your choice of up to four product features	

All CP140 Portables include:

- Portable Radio without keypad	- Dust Cover
- NiMH - NNTN4851	- Antenna
- Belt Clip 7,5 cm - HLN8255	
- Single unit Rapid Charger incl. Power Supply	

The following frequencies are potentially self-quieting and should be avoided:

VHF: 151.9375, 151.2000, 151.20625, 167.99375, 168.0000, 168.00625 MHz
UHF B1: 419.993750, 420.000000, 420.006250 MHz
UHF B2: 443.93125, 443.93750, 443.94375, 443.9500, 443.95625, 443.96250, 443.96875 MHz
UHF B3: 488.326250, 488.332500, 488.338750, 488.345000, 488.351250, 488.357500, 488.363750 MHz

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
CP140 Portable Models:		
VHF (136 - 162 MHz)		
MDH65JDC9AA2AN	CP140 136 - 162 MHz, 1 - 5W, 16CH, no keypad	$340.00
VHF (146 - 174 MHz)		
MDH65KDC9AA2AN	CP140 146 - 174 MHz, 1 - 5W, 16CH, no keypad	$340.00
UHF1 (403 - 440 MHz)		
MDH65QDC9AA2AN	CP140 403 - 440 MHz, 1 - 4W, 16CH, no keypad	$340.00
UHF2 (438 - 470 MHz)		
MDH65RDC9AA2AN	CP140 438 - 470 MHz, 1 - 4W, 16CH, no keypad	$340.00

Mandatory Options: One option from each group must be chosen

Group 1		
QA02158AA	Adds: NiMH batt. NNTN4851, 1400MAH	$0.00
QA02088AA	*Adds: FM NiMH batt. NNTN4852, 1300MAH*	$50.00
QA02156AA	Adds: LiIon batt. NNTN4497, 2250MAH	$30.00
QA02157AA	Adds: Slim LiIon batt. NNTN4970, 1600MAH	$40.00
QA02159AA	Adds: NiCd batt. NNTN4496, 1100MAH	-$10.00
QA02268AA	Del: Battery	-$45.00
Group 2		
QA02153AA	Adds SUC WPLN4139, Euro plug	$0.00
QA02154AA	Adds SUC WPLN4140, UK plug	$0.00
QA02155AA	Del: SUC	-$40.00

IS Options: Will delete all above options

Group 3		
QACPIB	*Adds: NiCd batt. AM4852N-IB, 1650MAH plus SUC CH1-4496 plus certificate*	*$86.00*
QACPIA	*Adds: NiCd batt. AM4852N-IA, 1650MAH plus SUC CH1-4496 plus certificate*	*$113.00*

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	Commercial Series Portable
Reseller Price Book	**CP160**
CP Series - Page 3	**VHF & UHF Models**
Valid from: 16th September 2011	**MDC1200**

CP160 - Two-Way Radio with 32 Channels

The new CP160 portable two-way radios deliver the quality features you want. It is available in both 4 W UHF and 5W VHF models. Simple to operate which allows users to keep in contact while still concentrating on the job in hand.

Hardware features:
· 16 position rotary with stop
· 2 side buttons

· 4 button Menu Navigation keypad
· 8-Character Alphanumeric Display

Operator friendly controls and features include:
· Large Rotary Channel Selector
· Rotary On/OFF and Volume Control
· Tricolour LED
· Accessory Connector for convenient access
· Two Programmable Option Buttons support your choice of up to four product features

· Battery Latch Lock
· Large Textured PTT
· Spring Action Belt Clip
· Rugged, Die-Cast Chassis

All CP160 Portables include:
 - Portable Radio with Menu Navigation keypad
 - NiMH - NNTN4851
 - Belt Clip 7,5 cm - HLN8255
 - Single unit Rapid Charger incl. Power Supply

- Dust Cover
- Antenna

The following frequencies are potentially self-quieting and should be avoided:

VHF: 151.9375, 151.2000, 151.20625, 167.99375, 168.0000, 168.00625 MHz
UHF B1: 419.993750, 420.000000, 420.006250 MHz
UHF B2: 443.93125, 443.93750, 443.94375, 443.9500, 443.95625, 443.96250, 443.96875 MHz
UHF B3: 488.326250, 488.332500, 488.338750, 488.345000, 488.351250, 488.357500, 488.363750 MHz

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
CP160 Portable Models:		
VHF (136 - 162 MHz)		
MDH65JDF9AA3AN	CP160 136 - 162 MHz, 1 - 5W, 32CH, limited keypad	$350.00
VHF (146 - 174 MHz)		
MDH65KDF9AA3AN	CP160 146 - 174 MHz, 1 - 5W, 32CH, limited keypad	$350.00
UHF1 (403 - 440 MHz)		
MDH65QDF9AA3AN	CP160 403 - 440 MHz, 1 - 4W, 32CH, limited keypad	$350.00
UHF2 (438 - 470 MHz)		
MDH65RDF9AA3AN	CP160 438 - 470 MHz, 1 - 4W, 32CH, limited keypad	$350.00

Mandatory Options: One option from each group must be chosen

Group 1		
QA02158AA	Adds: NiMH batt. NNTN4851, 1400MAH	$0.00
QA02088AA	*Adds: FM NiMH batt. NNTN4852, 1300MAH*	$50.00
QA02156AA	Adds: LiIon batt. NNTN4497, 2250MAH	$30.00
QA02157AA	Adds: Slim LiIon batt. NNTN4970, 1600MAH	$40.00
QA02159AA	Adds: NiCd batt. NNTN4496, 1100MAH	-$10.00
QA02268AA	Del: Battery	-$45.00
Group 2		
QA02153AA	Adds SUC WPLN4139, Euro plug	$0.00
QA02154AA	Adds SUC WPLN4140, UK plug	$0.00
QA02155AA	Del: SUC	-$40.00

IS Options: Will delete all above options

Group 3		
QACPIB	*Adds: NiCd batt. AM4852N-IB, 1650MAH plus SUC CH1-4496 plus certificate*	*$86.00*
QACPIA	*Adds: NiCd batt. AM4852N-IA, 1650MAH plus SUC CH1-4496 plus certificate*	*$113.00*

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Commercial Series Portable

Reseller Price Book — **CP180**
CP Series - Page 4 — **VHF & UHF Models**
Valid from: 16th September 2011 — **MDC1200**

CP180 - Two-Way Radio with 64 Channels

The new CP180 portable two-way radios deliver the quality features you want and is the right solution for professionals who need to stay in contact. Simple to operate which allows users to keep in contact while still concentrating on the job in hand.
It is available in both 4 W UHF and 5W VHF models.

Hardware features:
· 12 button DTMF keypad
· 4 button Menu Navigation keypad
· 8-Character Alphanumeric Display

· 2 side buttons
· 16 position continuous rotary knob

Operator friendly controls and features include:
· Large Rotary Channel Selector
· Rotary On/OFF and Volume Control
· Tricolour LED
· Accessory Connector for convenient access
· Two Programmable Option Buttons support your choice of up to four product features

· Battery Latch Lock
· Large Textured PTT
· spring Action Belt Clip
· Rugged, Die-Cast Chassis

All CP180 Portables include:
- Portable Radio with keypad
- NiMH - NNTN4851
- Belt Clip 7,5 cm - HLN8255
- Single unit Rapid Charger incl. Power Supply

- Dust Cover
- Antenna

The following frequencies are potentially self-quieting and should be avoided:

VHF: 151.9375, 151.2000, 151.20625, 167.99375, 168.0000, 168.00625 MHz
UHF B1: 419.993750, 420.000000, 420.006250 MHz
UHF B2: 443.93125, 443.93750, 443.94375, 443.9500, 443.95625, 443.96250, 443.96875 MHz
UHF B3: 488.326250, 488.332500, 488.338750, 488.345000, 488.351250, 488.357500, 488.363750 MHz

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
CP180 Portable Models:		
VHF (136 - 162 MHz)		
MDH65JDH9AA4AN	CP180 136 - 162 MHz, 64CH, full keypad	$360.00
VHF (146 - 174 MHz)		
MDH65KDH9AA4AN	CP180 146 - 174 MHz, 64CH, full keypad	$360.00
UHF1 (403 - 440 MHz)		
MDH65QDH9AA4AN	CP180 403 - 440 MHz, 64CH, full keypad	$360.00
UHF2 (438 - 470 MHz)		
MDH65RDH9AA4AN	CP180 438 - 470 MHz, 64CH, full keypad	$360.00

Mandatory Options: One option from each group must be chosen

Group 1		
QA02158AA	Adds: NiMH batt. NNTN4851, 1400MAH	$0.00
QA02088AA	**Adds: FM NiMH batt. NNTN4852, 1300MAH**	**$50.00**
QA02156AA	Adds: LiIon batt. NNTN4497, 2250MAH	$30.00
QA02157AA	Adds: Slim LiIon batt. NNTN4970, 1600MAH	$40.00
QA02159AA	Adds: NiCd batt. NNTN4496, 1100MAH	-$10.00
QA02268AA	Del: Battery	-$45.00
Group 2		
QA02153AA	Adds SUC WPLN4139, Euro plug	$0.00
QA02154AA	Adds SUC WPLN4140, UK plug	$0.00
QA02155AA	Del: SUC	-$40.00

IS Options: Will delete all above options

Group 3		
QACPIB	**Adds: NiCd batt. AM4852N-IB, 1650MAH plus SUC CH1-4496 plus certificate**	**$86.00**
QACPIA	**Adds: NiCd batt. AM4852N-IA, 1650MAH plus SUC CH1-4496 plus certificate**	**$113.00**

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Commercial Series Portable
Accessories

Reseller Price Book
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Valid from: 16th September 2011

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
Batteries:		
AM4852N-IA	**Battery "ia" CP140/160/180 7.5V 1.65Ah Ni-MH ia certified**	**$130.00**
AM4852N-IB	**Battery "ib" CP140/160/180 7.5V 1.65Ah Ni-MH ib certified**	**$103.00**
NNTN4496	NiCd Battery, 1100 mAh	$35.00
NNTN4497	High Cap Li-Ion Battery, 2250 mAh	$75.00
NNTN4851	Ni-MH Battery, 1400 mAh	$45.00
NNTN4852	**Ni-MH FM Battery, 1300 mAh**	**$95.00**
NNTN4970	Slim Li-Ion Battery, 1600 mAh	$85.00
Chargers & Conditioners:		
CH1-4496	**Charger CP040/140/160/180**	**$44.00**
WPLN4138	Desktop Rapid Charger consists of EPNN7994 (US plug) & WPLN4137 (charger base)	$40.00
WPLN4139	Desktop Rapid Charger consists of EPNN7991 (Euro plug) & WPLN4137 (charger base)	$40.00
WPLN4140	Desktop Rapid Charger consists of EPNN7990 (UK plug) & WPLN4137 (charger base)	$40.00
WPLN4161	Multi-Unit Charger with six stations, 120V US plug	$598.00
WPLN4162	Multi-Unit Charger with six stations, 230V Euro plug	$598.00
WPLN4163	Multi-Unit Charger with six stations, 230V UK plug	$598.00
Carrying Solutions:		
HLN8255	7,5 cm Plastic, Spring Action Belt Clip	$6.00
HLN9701	Nylon Carry Case with Belt Loop & D Rings XX	$27.00
NTN5243	Shoulder Strap (for hard leather case)	$30.00
RLN5383	CP040/140 - Leather Carry Case with Belt Loop & D Rings	$33.00
RLN5384	CP040/140 - Leather Carry Case with 2.5" Swivel Belt Loop	$33.00
RLN5385	CP040/140 - Leather Carry Case with 3" Swivel Belt Loop	$33.00
RLN5640	CP160 - Leather Carry Case with Belt Loop & D Rings	$33.00
RLN5641	CP160 - Leather Carry Case with 2.5" Swivel Belt Loop	$33.00
RLN5642	CP160 - Leather Carry Case with 3" Swivel Belt Loop	$33.00
RLN5496	CP180 - Leather Carry Case with Belt Loop & D Rings	$33.00
RLN5497	CP180 - Leather Carry Case with 2.5" Swivel Belt Loop	$33.00
RLN5498	CP180 - Leather Carry Case with 3" Swivel Belt Loop	$33.00
Antennas:		
8505816K26	UHF Heliflex Stubby, 470-520 MHz	$9.00
HAD9338	VHF Heliflex, 136-162 MHz	$9.00
HAD9742	VHF Stubby, 9 cm, 146-162 MHz	$9.00
HAD9743	VHF Stubby, 9 cm, 162-174 MHz	$10.00
NAD6502	Wideband Antenna VHF 136 -174Mhz	$11.00
NAE6483	Flexible Whip Antenna, 403-520 MHz	$10.00
NAE6522	UHF Heliflex Stubby, 9 cm, 438-470 MHz	$9.00

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
Audio Accessories:		
Ear Microphone Solutions:		
BDN6646	Voiceducer Ear Mic System with PTT Interface Module	$485.00
BDN6706	Ear Microphone with Vox Interface (External Vox included)	$586.00
BDN6720	Earpiece, 1-Wire ear hook, black	$40.00
HMN9036	Earbud with clip Microphone and PTT	$32.00
HMN9727	Earpiece without Volume Control-1 Wire (Beige)	$49.00
HMN9752	Earpiece with Volume Control - 1 Wire (Beige)	$75.00
HMN9754	2 Piece Surveillance Microphone (plastic earloop)	$112.00
MDPMLN4442	Earbud with in-line mic and PTT/VOX switch	$15.00
MDPMLN4443	Ear Receiver with in-line mic and PTT/VOX switch	$15.00
MDPMLN4606	2 wire earpiece with clear acoustic tube (consisting of PMLN4605 & PMLN4294)	$34.00
PMLN4294	Earbud w/Mic & PTT Combined	$20.00
PMLN4605	Voicetube Kit for MDPMLN4418	$15.00
PMLN5001	D-Shell Earpiece with PTT/Mic	$28.00
RLN4894	Earpiece without Volume Control-1 Wire (Black)	$60.00
RLN4895	Earpiece with Microphone & PTT Combined – 2 Wire (Black)	$88.00
Headsets:		
BDN6648	Heavy Duty Headset with Noise Cancelling Boom Microphone	$555.00
HMN9013	Headset with Boom Mic	$63.00
HMN9021	Med Weight Over-The-Head Dual Muff Headset	$269.00
HMN9022	Med Weight Behind-The-Head Dual Muff Headset	$345.00
MDPMLN4444	Earphone Boom Mic with in-line mic and PTT/VOX switch	$20.00
MDPMLN4445	Ultra lightweight headset with in-line PTT/VOX switch	$25.00
MDPMLN4658	D-Shell Ultra Light Weight Headset with PTT and VOX	$29.00
PMLN5003	Lightweight Temple Transducer	$80.00
PMLN5277	Heavy Duty Headset	$579.00
RMN4051	2-Way Hard Hat Mount, Black	$450.00
Remote Speaker Microphones:		
MDPMLN4620	D-Shell Ear Receiver for RSM , 3.5mm plug	$20.00
MDPMMN4008	MagOne RSM with omnidirectional mic	$20.00
MDPMMN4013	Remote Speaker Microphone with Ear Jack	$58.00
MDPMMN4029	Remote Speaker Microphone with IP57 Rating	$55.00
MDRLN4885	Earbud, 3.5mm Plug for RSM	$26.00
MDRLN4941	Receive only Earpiece with translucent Tube and 3.5mm Plug	$55.00
WADN4190	Flexible Ear Receiver w/ Cable & 3.5mm plug	$42.00
Miscellaneous Accessories:		
RLN5500	Accessory Retainer Kit	$4.00
Vehicular Accessories:		
TDN9327	Portable Radio Hanger (70mm/2.75inch) - Black	$18.00
TDN9373	Portable Door Hanger (70-83mm/2.75-3.25inch) - Black	$18.00
Replacement Parts:		
0186180Z01	Replacement Foam Earbuds	$3.00

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
Manuals & Documentation:		
6866549D01	User Guide (printed book) CP040 Series	$1.00
6866549D19	Detailed Service Manual for CP040 (english only)	$120.00
GMLN1084	CD ROM User Guide CP 040 Series	$1.00
GMLN1097	CD ROM Product Manual CP040 (EN, DE, FR, ES, IT, PL)	$40.00
Service and Repair:		
3080369B72	RIB to Computer Interface Cable, 9pin	$71.00
5886564Z01	RF Adapter	$50.00
6686533Z01	Removal Tool	$4.00
8180384N65	Houseing Eliminator	$313.00
EPN4042	Radio Interface Box Power Supply (EPN4042 replaces EPN4040/4041)	$54.00
PMKN4003	Cloning Cable	$6.00
PMKN4004	Programming/Test Cable	$48.00
RLN4008	Radio Interface Box (RIB)	$286.00
RLN4460	Test Box	$573.00
RLN5583	Flashing Adapter	$188.00
Software and Applications:		
GMVN5036ARD	Customer Programming Software 100 & 300 Series CPS + Manual: Local	$20.00
GMVN5068	Customer Programming Software CPS: CD ROM	$170.00

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Commercial Series Mobile
Reseller Price Book **CM140**
CM Series - Page **8** **VHF & UHF Models**
Valid from: **16th September 2011** **MDC1200**

CM140 - A mobile radio that fits your business, your budget and your vehicle.

Benefiting from a 75 year history in the business of communication, Motorola welcomes you to the future of two-way radio with the Commercial Series. Comprising four new mobile radios for powerful in-vehicle or fixed site communications, the family also includes portable radios for work teams that need to keep in touch wherever they are working.

Operator friendly controls and features include:
· PL, MDC1200 and DTMF Signalling
· Programmable Channel Spacing (12.5 / 20 / 25 kHz)
· Adjustable Power Levels
· X-Pandα Voice Compression/Low Level Expansion
· DTMF Capability (with Keypad Mic option)

· Channel Scan
· Busy Channel Lockout
· PTT ID
· Voice Operated Transmit (VOX)
· Talkaround

Hardware features:
· 8 Channels
· 2 Programmable Buttons (including Channel Buttons)
· 3 Status LEDs
· Internal Loudspeaker
· Antenna connector: BNC
· 1 - 25w and 25 - 45w models

User Guides are NOT shipped with these radios;
They are available, free of charge, in book and CD formats.
See the Manuals sections on the Accessories page.

The following frequencies are potentially self-quieting and should be avoided:
UHF High Power: 444.860 MHz

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
CM140 Mobile Models:		
VHF (136 - 162 MHz)		
MDM50JNC9AA2AN	CM140 Mobile, MDC, VHF (136-162MHz), 1 - 25W, 8 Channel	$325.00
VHF (146 - 174 MHz)		
MDM50KNC9AA2AN	CM140 Mobile, MDC, VHF (146-174MHz), 1 - 25W, 8 Channel	$325.00
MDM50KQC9AA2AN	CM140 Mobile, MDC, VHF (146-174MHz), 25 - 45W, 8 Channel (NOT ETS COMPLIANT)	$360.00
UHF1 (403 - 440 MHz)		
MDM50QNC9AA2AN	CM140 Mobile, MDC, UHF1 (403-440 MHz), 1 - 25W, 8 Channel	$325.00
UHF2 (438 - 470 MHz)		
MDM50RNC9AA2AN	CM140 Mobile, MDC, UHF2 (438-470 MHz), 1 - 25W, 8 Channel	$325.00
MDM50RPC9AA2AN	CM140 Mobile, MDC, UHF2 (438-470 MHz), 25 - 45W, 8 Channel (NOT ETS COMPLIANT)	$360.00

Accessory Options: One option must be chosen

STDACC	Adds mobile accessories (included in model price) (Battery power cable HKN4137 (1-25w) or HKN4191 (25-45w), Mag One microphone RMN5018 (there is no hook function on this mic) and low profile trunnion kit GLN7324)	$0.00
G198A	Adds Compact Microphone with accessories 25W (Power cable HKN4137 (1 - 25w) HKN4191 (25 - 45w) , Compact microphone HMN3413 and low profile trunnion kit GLN7324)	$11.00
G199A	Adds Keypad Microphone with accessories 25W (Power cable HKN4137 (1-25W) HKN4191 (25-45W), Keypad microphone MDRMN5029 and low profile trunnion kit GLN7324)	$88.20
G202A	Delivery without accessories 25W (delivered with power cable HKN4137 (1-25W) HKN4191 (25-45W) and earthing kit GMLN1095, but without trunnion kit and microphone)	-$31.00

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	Commercial Series Mobile
Reseller Price Book	**CM160**
CM Series - Page 9	**VHF & UHF Models**
Valid from: 16th September 2011	**MDC1200**

CM160 - A mobile radio that fits your business, your budget and your vehicle.

Benefiting from a 75 year history in the business of communication, Motorola welcomes you to the future of two-way radio with the Commercial Series. Comprising four new mobile radios for powerful in-vehicle or fixed site communications, the family also includes portable radios for work teams that need to keep in touch wherever they are working.

Operator friendly controls and features include:

· PL, MDC1200, DTMF and Quick Call II Signalling
· Programmable Channel Spacing (12.5 / 25 kHz)
· Voice Operated Transmit (VOX)
· Adjustable Power Levels
· Option Board Expandability
· Talkaround
· Address Book
· X-Pandα Voice Compression/Low Level Expansion

· DTMF Capability (with Keypad Mic option)
· Channel Scan
· Busy Channel Lockout
· Emergency Signalling
· PTT ID
· Selective Calling
· Escalert
· Phone Mode

Hardware features:

· 64 Channels
· 1 Line 8-character Display
· 4 Programmable Buttons
· 3 Status LEDs
· Internal Loudspeaker
· Antenna connector : BNC
· 1 - 25w and 25 - 45 w models

User Guides are NOT shipped with these radios;
They are available, free of charge, in book and CD formats.
See the Manuals sections on the Accessories page.

The following frequencies are potentially self-quieting and should be avoided:
UHF High Power: 444.860 MHz

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
CM160 Mobile Models:		
VHF (136 - 162 MHz)		
MDM50JNF9AA2AN	CM160 Mobile, MDC, VHF (136-162MHz), 1 - 25W, 64 Channel	$375.00
MDM50JQF9AA2AN	CM160 Mobile, MDC, VHF (136-162MHz), 25 - 45W, 64 Channel (NOT ETS COMPLIANT)	$415.00
VHF (146 - 174 MHz)		
MDM50KNF9AA2AN	CM160 Mobile, MDC, VHF (146-174MHz), 1 - 25W, 64 Channel	$375.00
MDM50KQF9AA2AN	CM160 Mobile, MDC, VHF (146-174MHz), 25 - 45W, 64 Channel (NOT ETS COMPLIANT)	$415.00
UHF1 (403 - 440 MHz)		
MDM50QNF9AA2AN	CM160 Mobile, MDC, UHF1 (403-440 MHz), 1 - 25W, 64 Channel	$375.00
MDM50QPF9AA2AN	CM160 Mobile, MDC, UHF1 (403-440 MHz), 25-40W, 64 Channel (NOT ETS COMPLIANT)	$415.00
UHF2 (438 - 470 MHz)		
MDM50RNF9AA2AN	CM160 Mobile, MDC, UHF2 (438-470 MHz), 1 - 25W, 64 Channel	$375.00
MDM50RPF9AA2AN	CM160 Mobile, MDC, UHF2 (438-470 MHz), 25 - 45W, 64 Channel (NOT ETS COMPLIANT)	$415.00

Accessory Options: One option must be chosen

STDACC	Adds mobile accessories (included in model price) (Battery power cable HKN4137 (1-25w) or HKN4191 (25-45w), Mag One microphone RMN5018 (there is no hook function on this mic) and low profile trunnion kit GLN7324)	$0.00
G198A	Adds Compact Microphone with accessories 25W (Power cable HKN4137 (1 - 25w), Compact microphone HMN3413 and low profile trunnion kit GLN7324)	$11.00
G198B	Adds Compact Microphone with accessories 40/45W (Power cable HKN4191 (25 - 45w) , Compact microphone HMN3413 and low profile trunnion kit GLN7324)	$11.00
G199A	Adds Keypad Microphone with accessories 25W (Power cable HKN4137 (1-25W), Keypad microphone MDRMN5029 and low profile trunnion kit GLN7324)	$89.00
G199B	Adds Keypad Microphone with accessories 40/45W (Power cable HKN4191 (25-45W), Keypad microphone MDRMN5029 and low profile trunnion kit GLN7324)	$89.00
G202A	Delivery without accessories 25W (delivered with power cable HKN4137 (1-25W) HKN4191 (25-45W) and earthing kit GMLN1095, but without trunnion kit and microphone)	-$31.00
G202B	Delivery without accessories 40/45W (delivered with power cable HKN4137 (1-25W) HKN4191 (25-45W) and earthing kit GMLN1095, but without trunnion kit and microphone)	-$31.00

Commercial Series Mobile
CM340

Reseller Price Book
CM Series - Page   10   **MB, VHF & UHF Models**
Valid from: 16th September 2011   **Select 5**

CM340 - A mobile radio that fits your business, your budget and your vehicle.

Benefiting from a 75 year history in the business of communication, Motorola welcomes you to the future of two-way radio with the Commercial Series. Comprising four new mobile radios for powerful in-vehicle or fixed site communications, the family also includes portable radios for work teams that need to keep in touch wherever they are working.

Operator friendly controls and features include:
· Select 5 (5 Tone) Signalling
· Programmable Channel Spacing (12.5 / 25 kHz)
· Voice Operated Transmit (VOX)
· Adjustable Power Levels
· Talkaround
· X-Pand α Voice Compression/Low Level Expansion
· Channel Scan

· Lone Worker
· Emergency Signalling
· Call Forward
· Car Radio Mute
· Public Address Mode
· External Alarm

Hardware features:
· 10 Channels
· 2 Programmable Buttons
· 3 Status LEDs
· Internal Loudspeaker
· Antenna connector : BNC
· 1-25W models

User Guides are NOT shipped with these radios;
They are available, free of charge, in book and CD formats.
See the Manuals sections on the Accessories page.

The following frequencies are potentially self-quieting and should be avoided:
MB: 83.78 MHz

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
CM340 Mobile Models:		
MB (66-88 MHz)		
MDM50FNC9AN2AN	CM340 Mobile, Select 5, MB (66-88 MHz), 1-25W, 10 Channel	$350.00
VHF (146 - 174 MHz)		
MDM50KNC9AN2AN	CM340 Mobile, Select 5, VHF (146-174MHz), 1-25W, 10 Channel	$350.00
UHF1 (403 - 440 MHz)		
MDM50QNC9AN2AN	CM340 Mobile, Select 5, UHF1 (403-440 MHz), 1-25W 10 Channel (available soon)	$350.00
UHF2 (438 - 470 MHz)		
MDM50RNC9AN2AN	CM340 Mobile, Select 5, UHF2 (438-470 MHz), 1-25W, 10 Channel	$350.00
Accessory Options: One option must be chosen		
STDACC	Adds mobile accessories (included in model price) (Battery power cable HKN4137 (1-25w) or HKN4191 (25-45w), Mag One microphone RMN5018 (there is no hook function on this mic) and low profile trunnion kit GLN7324)	$0.00
G197A	Adds Mag One Microphone with accessories (Power cable HKN4137, Mag One microphone RMN5018 and low profile trunnion kit GLN7324)	-$9.00
G199A	Adds Keypad Microphone with accessories 25W (Power cable HKN4137, Keypad microphone MDRMN5029 and low profile trunnion kit GLN7324)	$89.00
G202A	Delivery without accessories 25W (delivered with power cable HKN4137 (1-25W) and earthing kit GMLN1095, but without trunnion kit and microphone)	-$31.00

Commercial Series Mobile
Reseller Price Book   **CM360**
CM Series - Page   **11**   **MB, VHF & UHF Models**
Valid from: **16th September 2011**   **Select 5**

CM360 - A mobile radio that fits your business, your budget and your vehicle.

Benefiting from a 75 year history in the business of communication, Motorola welcomes you to the future of two-way radio with the Commercial Series. Comprising four new mobile radios for powerful in-vehicle or fixed site communications, the family also includes portable radios for work teams that need to keep in touch wherever they are working.

Operator friendly controls and features include:

· Select 5 (5 Tone) Signalling	· Channel Scan
· Programmable Channel Spacing (12.5 / 25 kHz)	· Lone Worker
· Voice Operated Transmit (VOX)	· Emergency Signalling
· Adjustable Power Levels	· Call Forward
· Option Board Expandability	· Car Radio Mute
· Talkaround	· Public Address Mode
· Memory Channel	· Status & Contact Lists
· X-Pandα Voice Compression/Low Level Expansion	· Missed Calls
· DTMF Capability (with Telephone Handset option)	· External Alarm

Hardware features:
· 100 Channels
· 1 Line 8-character Display
· Menu Navigation Keypad
· 3 Programmable Buttons
· 3 Status LEDs
· Internal Loudspeaker
· Antenna connector: BNC

User Guides are NOT shipped with these radios;
They are available, free of charge, in book and CD formats.
See the Manuals sections on the Accessories page.

The following frequencies are potentially self-quieting and should be avoided:
MB: 83.78 MHz

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
CM360 Mobile Models:		
<u>MB (66-88 MHz)</u>		
MDM50FNF9AN2AN	CM360 Mobile, Select 5, MB (66-88 MHz), 1-25W, 100 Channel	$430.00
<u>VHF (136 - 162 MHz)</u>		
MDM50JNF9AN2AN	CM360 Mobile, Select 5, VHF (136-162MHz), 1-25W, 100 Channel	$430.00
<u>VHF (146 - 174 MHz)</u>		
MDM50KNF9AN2AN	CM360 Mobile, Select 5, VHF (146-174MHz), 1-25W, 100 Channel	$430.00
UHF1 (403 - 440 MHz)		
MDM50QNF9AN2AN	CM360 Mobile, Select 5, UHF1 (403-440 MHz), 1-25W 100 Channel (available soon)	$430.00
<u>UHF2 (438 - 470 MHz)</u>		
MDM50RNF9AN2AN	CM360 Mobile, Select 5, UHF2 (438-470 MHz), 1-25W, 100 Channel	$430.00

Accessory Options: One option must be chosen

STDACC	Adds mobile accessories (included in model price)	$0.00
	(Battery power cable HKN4137 (1-25w) or HKN4191 (25-45w), Mag One microphone RMN5018 (there is no hook function on this mic) and low profile trunnion kit GLN7324)	
G197A	Adds Mag One Microphone with accessories	-$9.00
	(Power cable HKN4137 (1 - 25w) HKN4191 (25 - 45w) , Compact microphone HMN3413 and low profile trunnion kit GLN7324)	
G199A	Adds Keypad Microphone with accessories 25W	$89.00
	(Power cable HKN4137 (1-25W) HKN4191 (25-45W), Keypad microphone MDRMN5029 and low profile trunnion kit GLN7324)	
G202A	Delivery without accessories 25W	-$31.00
	(delivered with power cable HKN4137 (1-25W) HKN4191 (25-45W) and earthing kit GMLN1095, but without trunnion kit and microphone)	

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
Mobile Antennas with BNC Connector		
RAD4198	VHF, 136-144 MHz, 1/4 Wave , Through-hole Mount, BNC	$30.00
RAD4199	VHF, 146-150.8 MHz, 1/4 Wave, Through-hole Mount, BNC	$30.00
RAD4200	VHF, 150.8-162 MHz, 1/4 Wave, Through-hole Mount, BNC	$30.00
RAD4201	VHF, 162-174 MHz, 1/4 Wave, Through-hole Mount, BNC	$30.00
RAE4151	UHF, 403 - 430 MHz, 1/4 Wave , Through-hole Mount, BNC	$32.00
RAE4152	UHF, 450-470 Mhz, 1/4 Wave, Through-hole Mount, BNC	$32.00
RAE4154	UHF, 450-470 MHz, 5db, Through-hole Mount, BNC	$172.00
Mobile Antennas with Mini U Connector		
5880367B28	BNC Adapter	$25.00
HAD4006	VHF 136-144 MHz, 1/4 Wave Roof Mount	$18.00
HAD4007	VHF 146-150,8 MHz, 1/4 Wave Roof Mount	$18.00
HAD4008	VHF 150,8-162 MHz, 1/4 Wave Roof Mount	$18.00
HAD4009	VHF 162-174 MHz, 1/4 Wave Roof Mount	$18.00
HAD4022	VHF 132-174 MHz, 3.5dB Gain, Roof Mount	$60.00
HAE4002	UHF 403-430 MHz, 1/4 Wave Roof Mount	$17.00
HAE4003	UHF 450-470 MHz, 1/4 Wave Roof Mount	$21.00
RAC4000ARA	MB, 66-88 MHz 1/4 Wave Roof Mount	$69.00
RAD4000AMB	VHF 140-174 MHz, 3db, Magnetic Base	$141.00
Microphones + PTTs		
RMN5018	Mag One Mic (there is no hook function on this mic)	$21.00
HMN3413	Compact Palm Microphone with hang-up clip	$32.00
RMN5019	Mag One Mic Keypad Mac (no hot mic function for emergency)	$43.00
MDRMN5029	Keypad Mic DTMF (this mic has a 'hot mic' and is suitable for VOX operation)	$105.00
HMN1035	Compact Mic	$69.00
HLN9073	Microphone Hang-Up Clip (all microphones)	$2.00
GMUN1006	Telephone Style Handset with hang-up cup	$116.00
GMMN4065	Omni-Directional Visor Microphone	$25.00
RLN4856	Footswitch PTT	$33.00
RLN4857	Push Button PTT	$30.00
RLN4858	Gooseneck PTT	$52.00
RLN4836	Emergency Footswitch	$33.00
Base Station Accessories		
RMN5068	Desktop microphone (for Select 5 and MDC radios)	$90.00
RLN5390	Desktop Tray with Speaker	$80.00
RLN5391	Desktop Tray without Speaker	$43.00
GPN6145	25W Switched Mode Power Supply with Battery Revert/Trickle Charge (EMC Approved)	$237.00
GKN6266	12V connecting cable for use with GPN6145	$22.00
HPN4007	Power supply 14V 10 Amp 117/240 VAC (25-60 W - Non EU only)	$269.00
HPN4008	25W Power Supply (Not EMC Approved)	$219.00
GMLN1095	Earthing Kit	$5.00
External Loudspeakers		
HSN8145	7.5 Watt External Speaker	$40.00
RSN4001	External Speaker 13W	$38.00
Public Address		
HKN9324	15ft Speaker Cable for PA	$46.00
HSN1006	External Speaker for Car Kit	$32.00
Cables		
GMKN4084	Speaker Extension Cable	$5.00
HKN9327	Ignition Switch Cable	$10.00
HKN4137	12V power cable battery (1-25W)	$18.00
HKN4191	12V power cable battery (Lo/Med Pwr)	$13.00
Installation Accessories		
GLN7324	Low Profile Mounting Trunnion (Standard)	$13.00
GLN7317	Standard Mounting Trunnion	$13.00
FTN6083	Din Mount (available Dec. '03)	$42.00
RLN4779	Key Lock Mount	$50.00

MODEL NUMBER	DESCRIPTION	SUGGESTED LIST PRICE
Miscellaneous		
HLN9328	External Alarm Relay Cable	$41.00
GLN7282	Buzzer Kit	$39.00
NTN7373	110V US Mains Cable	$12.00
NTN7374	230V Euro Mains Cable	$12.00
NTN7374	230V Euro Mains Cable	$12.00
HLN9457	Hardware Kit for use with the Expanded Accessory Connector (includes	$6.00
Programming (see Basic Service Manual for details)		
3080369B71	RIB to Computer Interface Cable, 25pin	$112.00
3080369B72	RIB to Computer Interface Cable, 9pin	$71.00
FKN8096	Flash/Data Adapter (used with RKN4081 for FLASHing)	$75.00
FKN8113	Adapter Cable for rear accessory connector (used with RKN4083)	$75.00
GMVN5036ARD	Customer Programming Software 100 & 300 Series CPS + Manual: Local	$20.00
GMVN5068	Customer Programming Software CPS: CD ROM	$170.00
GTF374	Programming Cable (use with standard Radio Interface Box)	$57.00
RKN4081	Mobile Programming Cable (RIBless)	$161.00
RKN4083	Mobile Programming/Test Cable (use with standard Radio Interface Box)	$66.00
Manuals		
6866545D01	CM100 Series User instructions in multiple languages	$1.00
6866545D02	CM300 Series User instructions in multiple languages	$1.00
GMLN1070	CM Commercial Series Basic User Guide CD	$0.00
GMLN1096	CM Product Manual CD-ROM	$40.00