

Motorola CEP400 Digital Portable Radio

Heavyweight capabilities, lightweight portability



Key Benefits

High Performance, Built to Last

- Rugged and lightweight, designed for optimum reliability in harsh conditions
- Superior audio quality for the most demanding environments
- Comprehensive range of accessories to provide a tailored solution
- Cellular phone style, optimised user interface
- Remote programming facility for cost effective radio terminal management
- Large high resolution colour (or grey scale) display

Unified Communications, Integrated Safety

- Trunked and conventional operation modes
- Full duplex PABX and PSTN interconnection
- Personnel safety and emergency call features
- Optional integrated GPS for personnel tracking

Motorola's CEP400 TETRA portable delivers the high performance and dependability required for enhanced workforce productivity and assured user safety.

Leveraging the best features of a two-way radio and a cellular phone, the lightweight and robust CEP400 has been engineered to ensure loud and clear communications even in high noise work environments.

Built to Last

CEP400 has been made to the highest quality levels and exceeds all 11 categories in the MIL-810 standard. Further, like all Motorola TETRA radios, CEP400 has been designed to pass an Accelerated Life Test simulating over 5 years use; these tests ensure it will stand up to the toughest conditions and provide durability that helps to drive down lifecycle support costs.

One Device for all Critical Communications

CEP400 takes advantage of all the benefits of TETRA digital technology to drive workforce productivity and safety. These include exceptional audio quality with full duplex voice services, PABX and PSTN interconnection, individual and group calls, priority and emergency calls, Short Data Services and Localisation Services.

CEP400 also benefits from the inherent protection of TETRA digital signaling. Coupled with the Mutual Authentication feature, CEP400 provides a secure communications platform.

Simple but Powerful User Interface

To minimise staff training costs, CEP400 leverages an instantly familiar cellular phone style user interface. It also includes a large colour (or greyscale) display that supports 65,536 vivid colours and large scalable fonts. Usability is further enhanced through a customisable menu and simplified keypad that combine to make device interaction fast and intuitive.

Cost Efficient Terminal Solution

CEP400 is complemented by a complete terminal solutions portfolio designed for efficient operations:

- Remote programming to ensure cost effective rollout of new services and simplified radio management
- CEP400 leverages the same wide range of accessories as the flagship MTP850 radio to increase investment security. This range includes audio, power, carry and invehicle solutions

SPECIFICATIONS SPEC SHEET CEP400

125 x 50 x 37.5	(with standard battery)
170	(radio only)
240	(with standard battery)
	Standard Li-Ion
	1850
	> 23 hours
	> 17 hours
	3.5 hours
380 – 430	
806 – 870	
50 (380-430)	
19 (TX: 806-825, R)	K:851-870)
Switching Bandwidth DMO (MHz) 50 (380-430)	
19 (851-870)	
25	
1W	
3 Steps of 5 dB	
+/- 2 dB	
-103 minimum, -10	7 typical
-30 to +60	
-40 to +85	•••••
ETS 300 019-1-7 cla	ass 7.3E
IP54 per IEC 60529	
ETS 300-019 1-7 class 5M3	
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	380 – 430 806 – 870 50 (380-430) 19 (TX: 806-825, R) 50 (380-430) 19 (851-870) 25 1W 3 Steps of 5 dB +/- 2 dB A & B -112 minimum, -11 -103 minimum, -10

User Interface		
Display	Colour (or Gray with 65,536 viv	Scale) 130x130 pixels
•••••	Backlight I Flip	screen and scalable
<u>.</u>	text font option	ns
Screen Saver Universal Time	Git image & tex	xt) (user defined)
Display		
Multiple Languages Keypad Lock		
Talkgroup	User friendly, fl	levible fact
Management	and efficient in	
Talkgroups – TMO	2048	
Talkgroups – TMO Talkgroups – DMO	1024	
Talkgroup Folders	256 folders	er structure (folder/sub-folder)
Favourite Folders		e favourite talk groups)
Menu	Customisable t	
•••••	Menu Shortcut	
Contacts	Menu Configur Cellular phone	
Management	Condidi priorio	Style
Contacts List	Up to 1000 cor	ntacts
•••••	Up to 6 numbe	rs per contact,
**************************************	max. 2000 entr	ries
Multiple Dialling Methods	User defined	al Kaynad
Fast/Flexible Call	Supports Virtua	sponse to a Group Call via
Response		
	One Touch but	ton
Alerting Modes	Vibrator and M	ultiple ringtones
Message Manager	Cellular phone	
Text Message Inbox Intelligent Keypad Te		
Status List	100 alias mess	ages
Country/Network Code List	100	
Scan lists	40 lists of 20 ta	alkgroups
User Controls Multi-function		oup scroll and/or selection
Rotary Knob		
One Touch Buttons	Single button a	
A dontino Andio	multiple function	
Adaptive Audio Control	Selects best au a given environ	
	a given environ	
Voice Services	TNAC	D:
Full Duplex	TMO	Private, PABX, PSTN,
Half Duplex	TMO	Emergency Private, Group, Emergency
Tiali Duplex	DMO	Private, Group, Emergency
•••••		Inter-MNI, Gateway, Repeater
Dialling	•••••	Direct, Scroll, Speed,
***************************************		One Touch button/key
<u></u>	<u></u>	Call History Redial
Emergency	Tactical	Emergency Group Call to
and Safety (User-defined)	Non-	ATTACHED talkgroup Emergency Group Call to
	Tactical	DEDICATED talkgroup
•••••	Individual	Emergency Call to
		PREDEFINED party
	HOT MIC	Talk without pressing PTT
•		button (user enabled)
	Status	Message sent to dispatch
•••••	Message DMO to TMO	console (user enabled) Enter DMO emergency
	סואוס נט וואוט	(with/without gateway) or
		enter TMO emergency
Pre-emptive Priority	Calls	

For more information please contact your local Motorola Authorised Dealer or Distributor $\,$

