

# MOTOTRBO<sup>™</sup> SL4000e SERIES

# **YOU'RE SMARTER, CONNECTED**

With this dynamic evolution of MOTOTRBO digital two-way radios, you're smarter, better connected and more productive. The SL4000e Series is designed for the manager who needs complete control. With a slim and light form factor incorporating high performance integrated voice and data, these next-generation radios deliver smart connectivity to your organisation.

# **SMART**

The MOTOTRBO SL4000e Series is a family of DMR-standard slim and light portable radios that connects you with sophistication. Pocket-sized and with a smooth outline, the radios feature a full keypad and 5-line colour screen with customisable display schemes. A built-in vibrate function alerts you quietly when you need to be discreet, and a comprehensive range of audio accessories allows you to stay connected without disturbing your customers.

## **CONNECTED**

With integrated voice and data, the SL4000e Series delivers operations-critical communications. Bluetooth® lets you talk without wires, while also enabling precise indoor location-tracking. Powerful audio and advanced noise cancellation ensure your call is heard, even in noisy environments, and 280-character text messaging simplifies complex communications. Integrated Wi-Fi enables remote software updates.

# **PRODUCTIVE**

With a clear user interface designed to support productivity applications such as Work Order Ticketing, the SL4000e Series helps your staff make the most of their work day. Voice Announcement and Text-to-Speech features allow you to monitor radio settings and text communications hands-free, and sophisticated scan functions keep you in touch with many teams at once.

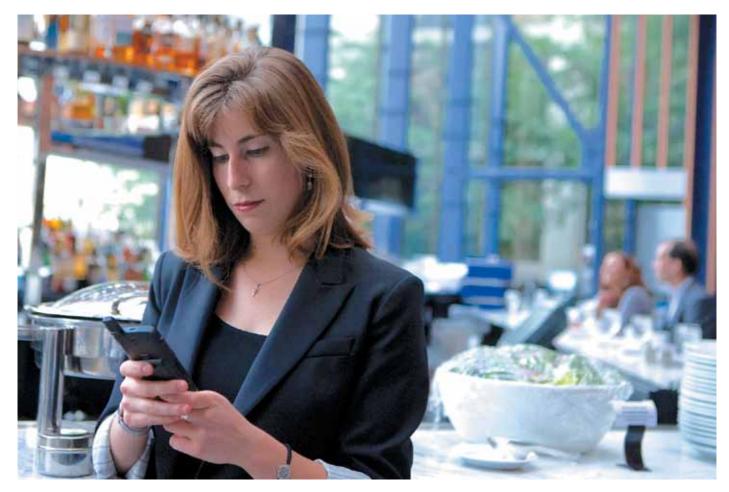


#### WHAT'S NEW IN THESE NEXT GENERATION RADIOS

- Integrated accelerometer for optional Man Down
- Bluetooth® 4.0
- Indoor location tracking
- Integrated Wi-Fi
- Over-the-air software updates
- Upgraded audio for greater clarity at high volume
- Improved expandability
- Increased UHF transmitter power, for greater range



Model Number	SL4010e						
Band	UHF Band 1	UHF Band 2	800#				
GENERAL SPECIFICATIONS							
Frequency	403-470 MHz	450-512 MHz	806-825 MHz, 851-870 MHz				
High Power Output	3 W	3 W	2 W				
Low Power Output	1 W	1 W	1 W				
Channel Spacing	12.5 kHz						
Channel Capacity	1000						
Dimensions (H x W x D), Radio + Standard Battery	121 x 55 x 23 mm						
Weight, Radio + Standard Battery	174 g						
Battery Life, Standard 2200 mAh Battery <sup>1</sup>	13.5 hrs						
Power Supply (Nominal)	3.7 V						



#### ALL MODELS

TRANSMITTER SPECIFICATIONS					
4FSK Digital Modulation	12.5 kHz Data: 7K60F1D and 7K60FXD 12.5 kHz Voice: 7K60F1E and 7K60FXE Combination of 12.5 kHz Voice and Data 7K60F1W				
Digital Protocol	ETSI TS 102 361-1, -2, -3				
Conducted/Radiated Emissions (TIA603D)	-36 dBm < 1GHz, -30 dBm > 1GHz				
Frequency Stability	± 1.5 ppm				
RECEIVER SPECIFICATIONS					
Digital Sensitivity (5% BER)	0.19 uV				
Conducted Spurious Emissions (TIA603D)	-57 dBm				
AUDIO SPECIFICATIONS					
Digital Vocoder Type	AMBE+2™				
Audio Response	TIA603D				
Rated Audio	0.5 W				
Audio Distortion at Rated Audio	3%				

BLUETOOTH SPECIFICATIONS					
Version	4.0				
Range	Class 2, 10 m				
Supported Profiles	Bluetooth Headset Profile (HSP), Serial Port Profile (SPP), Motorola fast push-to-talk.				
Simultaneous Connections	1 x audio accessory and 1 x data device				
Permanent Discoverable Mode	Optional				
Wi-Fi SPECIFICATIONS					
Standards Supported	IEEE 802.11b, 802.11g, 802.11n				
Security Protocol Supported	WPA, WPA-2, WEP				
Maximum Number of SSIDs	128				
ENVIRONMENTAL SPECIFICAT	TIONS				
Operating Temperature <sup>2</sup>	-20 °C to +60 °C				
Storage Temperature <sup>2</sup>	-30 °C to +70 °C				
Electrostatic Discharge	IEC 61000-4-2 Level 3				
Dust and Water Intrusion	IEC 60529 - IP54				
Salt Fog	5% NaCl for 8 hrs at 35 C, 16 hrs standing				
Packaging Test	MIL-STD 810D and E				

NOTES

1: Typical battery life, 5/5/90 profile at maximum transmitter power with Bluetooth, Wi-Fi and Option Board applications disabled. Actual observed runtimes may vary. 2: Radio only. Battery operation down to -10 °C only.

Specifications subject to change without notice. All specifications shown are typical values.

# Only available in New Zealand

#### CONNECTION

- UHF Band, 3 W, 800MHz, 2W ٠
- . Colour Screen
- Full Keypad
- 1000 Channels •
- Digital Only •
- Voice and Data •
- 0 Integrated Wi-Fi
- Canned Text Messaging
- Freeform Text Messaging •
- Work Order Ticketing ٠
  - 0 Bluetooth Audio
  - ο Bluetooth Data Bluetooth Permanent ο
  - Discovery Mode 0
  - Bluetooth Indoor Location Tracking
  - Voice Announcement
  - Text to Speech 0 ٠ Option Board
  - Home Channel Reminder ٠
  - Vibrate Alert
  - Ambient Light Sensor

#### **AUDIO**

- Intelligent Audio
- 0 SINC+ Noise Cancellation
- Acoustic Feedback Suppressor •
- Microphone Distortion Control ٠
- User-Selectable Audio Profiles
- Switch Speaker •
- Trill Enhancement

### **CUSTOMISATION**

- Wide Range of Accessories ٠ .
- 2 Programmable Buttons
- Emergency Button

### MANAGEMENT

- Radio Management
- Over-the-Air Programming
  Over-the-Air Software Update

# SAFETY

- Integrated Accelerometer •
- 0 Man Down
- Lone Worker • •
  - **Basic Privacy**
- Enhanced Privacy
- 0 **AES Encryption**
- ٠ Transmit Interrupt
- Digital Emergency •
- Emergency Search Tone • •
- Remote Monitor •
- Radio Disable / Enable IP54 Rated ٠
- Rugged to MIL-STD

- SYSTEMS ٠
- Dual Capacity Direct Mode . Conventional
- IP Site Connect
- Capacity Plus
- 0 Capacity Max
- Connect Plus 0

Optional

	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	METHOD	PROCEDURE	METHOD	PROCEDURE	METHOD	PROCEDURE	METHOD	PROCEDURE	METHOD	PROCEDURE
Low Pressure	500.1	1	500.2	11	500.3	П	500.4	П	500.5	11
High Temp	501.1	1, 11	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	l/Hot, Il/Hot	501.5	I/A1, II/A1
Low Temp	502.1	1	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.5	I/C3, II/C1
Temp Shock	503.1	1	503.2	A1/C3	503.3	A1/C3	503.4	I	503.5	I-C
Solar Radiation	505.1	Ш	505.2	l/Hot-Dry	505.3	l/Hot-Dry	505.4	I/Hot-Dry	505.5	I/A1
Rain	506.1	1, 11	506.2	1, 11	506.3	I, II	506.4	I, III	506.5	1, 111
Dust	510.1	1, 11	510.2	1, 11	510.3	I, II	510.4	I, II	510.5	1, 11
Vibration	514.2	VIII/F, W, XI	514.3	I/10, II/3	514.4	I/24, II/5	514.5	I/24, II/5	514.6	I/24, II/5
Shock	516.2	1, 11	516.3	I, IV	516.4	I, IV	516.5	I, IV	516.6	I, IV

# **BLUETOOTH**

Connect to your radio without wires, for extra comfort and safety. A full portfolio of Bluetooth headsets and earpieces is available.



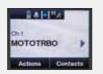
# **ENERGY SOLUTIONS**

Make sure your radio is powered and charged properly, with our range of energy solutions. Choose from single and multi-unit chargers, and slim and high capacity batteries.



# **SCREEN PROTECTORS**

In ultra-harsh environments, your radio's screen can get scratched and abraded. Keep it clear and readable with these durable pre-cut screen protectors.



# **COVERT ACCESSORIES**

When you need to stay in touch discreetly, choose from our range of covert audio accessories. From clear tube earpieces to virtually invisible wireless in-ear units.



# **EARPIECES**

For all-day comfort, choose from our range of earpieces. Lightweight or heavy duty, discreet or rugged, with or without built-in hearing protection.

# **CARRY SOLUTIONS**

However you choose to carry your SL4000e Series, we have a solution available. For example, the secure plastic holster protects the radio while keeping it easily to hand.



For details on SL4000e Series accessories, please download the MOTOTRBO Professional Accessories Catalogue.

To discover how to be smartly connected, visit motorolasolutions.com.au

Motorola Solutions Australia Pty Limited

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