



FEATURES AT-A-GLANCE

1. Dual internal speakers deliver loud, clear audio quality
2. Tri-colour LED indicator for clear, visible feedback of calling, scanning, roaming and monitoring features.
3. Contoured push-to-talk button provides comfort and is easy to access
4. 4-way navigation disc for easy scrolling through menus and channels (supports up to 1,000 channels)
5. Easy to access volume control buttons
6. 2 programmable buttons for quick access to frequently used features; ability to programme up to 9 of your favourite features into a single programmable button
7. Programmable side emergency button
8. Audio connector port supports discreet wired audio accessories (wireless Bluetooth® audio also available)
9. Built-in photosensor intuitively adjusts backlighting on the screen to optimise viewing in all types of conditions, special "day/night mode" changes screen and illuminates icons to make them clear and readable in varying light conditions
10. Large, high-definition, 5 line, colour display offers high clarity and resolution
11. Intelligent Audio feature automatically adjusts the radio volume according to the environment's noise level
12. Innovative antenna design optimises range performance

ADDITIONAL FEATURES

- 2W DMR digital radio
- Weighs less than one-half of a standard two-way radio
- Operates in UHF 403-470 MHz frequency band
- Discreet communications; covert mode setting and vibrate alert feature for increased security and privacy
- Customisable voice announcement provides audible confirmation of channel or zone changes or programmable button status, without having to view the radio display
- Send quick text messages including customisable and pre-programmed messages
- Enhanced work order ticket management feature simplifies use and improves work order ticket response time

STANDARD PACKAGE

- 5 line colour display portable radio
- Carry holder
- Compact Li-Ion battery
- Battery cover
- Plug-in charger
- 2 year standard warranty¹

"The Motorola SL Series is fantastic. It's really lightweight. It's very easy to use."

- Ruby Mountain
Reception, Claridge's Hotel, London



Success in your business relies on the fundamentals—attention to detail, exceptional customer service and rapid response to your customers’ needs. SL Series accessories enhance your ability to serve your customers effectively – with forward-thinking features like integrated Bluetooth® and Intelligent Audio – so you can remaster your productivity and image. That’s why it’s critical to choose the only accessories certified to perform best with MOTOTRBO radios.

ENHANCE MOBILITY WITH INTEGRATED BLUETOOTH

Whether hotel staff are responding to guest requests or a security team is covering a special event, sharing information instantly, easily and seamlessly is critical to your business. So we embedded Bluetooth® audio in our MOTOTRBO radios to make communications even more convenient. Our exclusive Operations Critical Wireless earpiece handles loud environments while an optional wireless push-to-talk (PTT) button links to any earpiece to enable more discreet communications. Just put the PTT in a pocket or on a lapel and connect instantly.

MOVE FROM HECTIC TO HUSHED

Our SL Series radios offer a smart feature—Intelligent Audio—that adjusts radio volume to fit the environment’s noise level. Intelligent Audio also works with select audio accessories, giving your workforce even more communication flexibility.

Connect an SL Series accessory and the Intelligent Audio feature automatically adjusts radio volume and filters out background noise, drastically improving audio clarity. Now your employees won’t miss a call at a bustling banquet or disturb others when they move into a quiet hallway.

TALK COMFORTABLY AND COVERTLY

Our single-wire swivel earpiece and surveillance earpiece are small, sleek and powerful, so your employees can communicate easily wherever they walk and talk.

The transparent coiled cord and rubber earbud on the surveillance earpiece offers greater discreetness for security personnel. The flexible-fitting swivel earpiece is comfortable, even for extended shifts. Both earpieces have an in-line microphone and push-to-talk, making communication easier and unobtrusive.

Add compact carrying accessories – like a swivel carry holder or a lightweight wrist strap – and you’ve got flexibility and comfort that meets the needs of the busiest people on your team.

THIN IS IN - FROM BATTERIES TO CHARGERS

From the standard cell phone-sized batteries to the micro-USB charger, we designed our SL Series accessories with portability, professionalism and convenience as our top priorities. Both the standard and high-capacity batteries are so slim and lightweight that it’s easy to carry spares.

Our unique multi-unit charger merges high power with high image, allowing you to charge up to six radios or batteries simultaneously. This charger is both functional and sleek in design.



Carry Holder



Multi-Unit Charger



Swivel Earpiece



Wrist Strap



Operations Critical Wireless Earpiece

“When I first saw the MOTOTRBO SL Series I thought that it was a cell phone, not an actual two-way radio. It has all the capabilities of a two-way radio but with a professional, discreet look that fits absolutely well with all our uniforms.”

- Juan Velez
Director of IT, Acqualina Resort and Spa on the Beach, Miami



SL SERIES SPECIFICATIONS

GENERAL SPECIFICATIONS

SL4000/SL4010		
Channel Capacity	1000	
Frequency	403 - 470 MHz	
Radio with BT70 Li-ion (1400mAh) Battery	Height (H) x Width (W) x Thickness (T)	121 x 55 x 17.4 mm (4.76 x 2.17 x .68 inches)
	Weight	153 g (5.39 oz)
Radio with BT90 Li-ion (1800mAh) Battery	Height (H) x Width (W) x Thickness (T)	121 x 55 x 19.8 mm (4.76 x 2.17 x .78 inches)
	Weight	165 g (5.82 oz)
Power Supply	3.7 V (Nominal)	
Average battery life at 5/5/90 duty cycle with battery saver enabled ⁴		
BT70 Li-ion (1400mAh) Battery	8.5 hrs	
BT90 Li-ion (1800mAh) Battery	11.5 hrs	

RECEIVER

Frequencies	403 - 470 MHz
Channel Spacing	12.5 kHz
Frequency Stability	±1.5ppm
Digital Sensitivity	5% BER : 0.3uV
Rated Audio	0.5W
Conducted Spurious Emission (TIA603D)	-57dBm

TRANSMITTER

Frequencies	403 - 470 MHz
Channel Spacing	12.5 kHz
Frequency Stability	±1.5ppm
Low Power Output	2W
4FSK Digital Modulation	12.5kHz Data: 7K60F1D & 7K60FXD
	12.5kHz Voice: 7K60F1E & 7K60FXE
	Combination of 12.5kHz Voice and Data: 7K60F1W
Conducted/Radiated Emission (TIA603D)	-36 dBm < 1GHz / -30 dBm > 1GHz
Digital Vocoder Type	AMBE+2™
Digital Protocol	ETSI TS 102 361 -1,-2,-3

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-10° C to +60° C
Storage Temperature	-30° C to +70° C ⁵
Thermal Shock	Per MIL-STD
Humidity	8 hr soak @ +50° C and 95% RH
ESD	IEC 61000-4-2
Dust and Water Intrusion	IP54
Salt Fog	8 hrs exposure to 5% saline solution (sodium chloride) at 35° C, 16 hours standing period

BLUETOOTH

Version	Supports Bluetooth® 2.1 + EDR Specification
Profiles Supported	Bluetooth Headset Profile (HSP), Serial Port Profile (SPP), Motorola fast push-to-talk.
Devices Supported	Radio supports 1 Bluetooth audio accessory and 1 Bluetooth data device simultaneously
Range	Class 2, 10 metres

MILITARY STANDARDS

APPLICABLE MIL-STD	MIL-STD- 810C		MIL-STD- 810D		MIL-STD- 810E		MIL-STD- 810F		MIL-STD- 810G	
	METHOD	PROCEDURES	METHOD	PROCEDURES	METHOD	PROCEDURES	METHOD	PROCEDURES	METHOD	PROCEDURES
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	II	500.5	II
High Temperature	501.1	I	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot	501.5	I/A1, II/A1
Low Temperature	-	-	502.2	I/C1, II/C1	502.3	I/C1, II/C1	502.4	I/C1, II/C1	502.5	I/C1, II/C1
Temperature Shock	-	-	503.2	I/A1/C1	503.3	I/A1/C1	503.4	I	503.5	I/C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.5	I/A1
Rain	506.1	I	506.2	I	506.3	I	506.4	I	506.5	I
Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.5	I
Vibration	514.2	VIII/F, Curve-W	514.3	I/10, II/3	514.4	I/10, III/3	514.5	I/24	514.6	I/24
Shock	516.2	II	516.3	IV	516.4	IV	516.5	IV	516.6	IV, VI

¹ Battery and accessory warranty period is twelve months.

² Availability of Service from the Start may vary by country.

³ Software release includes patches and maintenance releases of the current version

⁴ Actual battery runtime observed may vary based on the use of certain features such as Bluetooth® and Option Board based applications.

⁵ Radio only - Li-ion battery -10C

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

Radio meets applicable regulatory requirements.



For more information on how to make sleek and stylish work for you, visit motorolasolutions.com/slseries or find your closest Motorola representative or authorised Partner at www.motorola.com/Business/XU-EN/Contact_Us

MOTOTRBO
DIGITAL
REMASTERED.

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