

MOTOTRBO™ SL2600

INSTANT COMMUNICATION,
PROFESSIONAL STYLE



GENERAL SPECIFICATIONS

Model Number	SL2600	
Band	VHF	UHF
Frequency	136-174 MHz	403-480 MHz
High Power Output ¹ (Digital)	3 W	
High Power Output (Analogue)	2 W	
Low Power Output	0.5, 1W	
Channel Spacing	12.5, 25kHz	
Channel Capacity	256	
Dimensions (H x W x D), Radio + Standard Battery	125.7 x 55.0 x 22.7 mm	
Weight, Radio + Standard Battery	190g	
Digital / Analogue Battery Life ² (Li-Ion (2300mAh) Battery)	13.5 / 11 hrs	
Power Supply (Nominal)	3.7 V	

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
Adjacent Channel Power	60dB (12.5 kHz channel), 70dB (25 kHz channel)

ADDITIONAL FEATURES

- Transmit Interrupt
- Unified Call List
- Enhanced Privacy
- Fixed Privacy Key Decryption
- Ignore Clear Signal
- Bluetooth Audio
- Bluetooth Data
- Indoor Location
- Emergency Search Tone
- Covert Mode
- Intelligent Audio
- Mute Mode
- Noise Suppressor
- Notification List
- Radio Service Menu
- Quick Text Messaging
- User-Selectable Audio Profiles

RECEIVER SPECIFICATIONS

Analogue Sensitivity (12dB SINAD)	0.3 uV, 0.22uV (typical)
Digital Sensitivity (5% BER)	0.25 uV, 0.19uV (typical)
Intermodulation (TIA603D)	70 dB
Adjacent Channel Selectivity, (TIA603A)-1-tone	60 dB (12.5 kHz channel), 70 dB (25 kHz channel)
Adjacent Channel Selectivity, (TIA603D)-2-tone	45 dB (12.5 kHz channel), 70 dB (25 kHz channel)
Spurious Rejection (TIA603D)	70 dB

AUDIO SPECIFICATIONS

Digital Vocoder Type	AMBE+2™
Audio Response	TIA603D
Rated Audio	0.5 W
Audio Distortion at Rated Audio	5% (3% typical)
Hum and Noise	-40 dB (12.5 kHz channel) -45 dB (25 kHz channel)
Conducted Spurious Emissions (TIA603D)	-57 dBm

BLUETOOTH SPECIFICATIONS

Version	4
Range	Class 2, 33 ft (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

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature ³	-30 C to +60 C (-22 F to 140 F)
Storage Temperature	-40 C to +85 C (-40 F to 185 F)
Electrostatic Discharge	IEC 61000-4-2 Level 3
Dust and Water Intrusion	IEC 60529 - IP54
Packaging Test	MIL-STD 810D and E

WiFi SPECIFICATIONS

Standards Supported	IEEE 802.11b, 802.11g, 802.11n
Security Protocol Supported	WPA, WPA-2, WEP
Maximum Number of SSIDs	128

MILITARY STANDARDS

	810C		810D		810E		810F		810G	
	Methods	Procedures	Methods	Procedures	Methods	Procedures	Methods	Procedures	Methods	Procedures
Applicable MIL-STD	500.1	I	500.2	II	500.3	II	500.4	II	500.5	II
Low Pressure	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot	501.5	1/A1, II/A1
High Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.5	I/C3, II/C1
Low Temperature	503.1	I	503.2	A1/C3	503.3	A1/C3	503.4	I	503.5	I-C
Temperature Shock	505.1	II	505.2	I/Hot-Dry	505.3	I/Hot-Dry	505.4	I/Hot-Dry	505.5	I/A1
Solar Radiation	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	506.5	I, III
Rain	507.1	II	507.2	II/Hot-Humid	507.3	II/Hot-Humid	507.4	-	507.5	II - Aggravated
Humidity	509.1	I	509.2	I	509.3	I	509.4	-	509.5	-
Salt fog	510.1	I	510.2	I	510.3	I	510.4	I	510.5	I
Dust	-	-	510.2	II	510.3	II	510.4	II	510.5	II
Sand	514.2	VIII/CatF/ CurveW, XI	514.3	I/Cat10, II/Cat3	514.4	I/Cat10, II/Cat3	514.5	I/Cat24, II/Cat5	514.6	I/Cat24, II/Cat5
Vibration	516.2	I, II	516.3	I, IV	516.4	I, IV	516.5	I, IV	516.6	I, IV, V, VI
Shock										

1: Radio frequency > 470MHz only 2W for Digital.

2: Typical battery life, 5/5/90 profile at maximum transmitter power with Bluetooth and Wi-Fi disabled. Actual observed runtimes may vary.

3: Radio only. Operating temperature specification for a Li-Ion battery is -10 C to +60 C.



For more information, please visit us on the web at: motorolasolutions.com/MOTOTRBO

Motorola Solutions Ltd. Nova South, 160 Victoria Street, London, SW1E 5LB, UK.

Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license.

All other trademarks are the property of their respective owners. © 2017 Motorola Solutions, Inc. All rights reserved. EMEA1 (09/17)



IVANA ŽORŽA 39, HR-51000 RIJEKA
T +385 51 255 111 F +385 51 254 925
www.control.hr info@control.hr