

A FISTFUL OF FEATURES

Features:

- 5/1 Watt VHF, 136-174 MHz¹
- 4/1 Watt UHF, 406-470 MHz¹
- 60 Channels
- Military Durability
 - IP-54 Water & Dust Intrusion²
 - MIL-STD 810F Shock & Vibration²
- Ultra Small, only 3.93" H x 1.33" D x 2.2" W
- Lightweight only 9.6 oz. with Battery
- Wide or Narrow Band Selectable by Channel
- 15 Hour Battery Life with 1800 mAh Li-Ion Battery³
- 8 Character Alphanumeric LCD Backlit Display
- 6 Programmable Function Buttons
- Emergency Call Button
- Audio Accessory Connector
- Scan/Priority Scan
- Voice Scrambler
- VOX Capability
- CTCSS/DCS Signaling
- 2-Tone & 5-Tone Encode/Decode by Channel⁴
- DTMF Encode by Channel⁴
- Caller/Group ID⁵
- Low Battery Alert
- Status Icons
- One Year Warranty

Each SLX radio includes: flex antenna, 1800 mAh Li-Ion battery pack, spring action-belt clip, dual slot 2.5 hr charger.

Introducing the Exceptional **SLX SERIES**

Meticulous attention to design and engineering has produced the next generation of Ritron portable radios...the Exceptional SLX Series.

This lightweight and ultra small portable radio is loaded with features that would make even the big boys envious. For more than 25 years, Ritron has been designing, manufacturing, and supplying professional wireless communication products and systems worldwide. Ritron products are built tough for dependability even under harsh and demanding conditions.

Get your hand around this fistful of features and see them turn into a fist full of dollars.

Call **800-872-1872** today for more details.

Go Beyond Normal Limits...SM

RITRON[®]
WIRELESS SOLUTIONS





BP-Li-18
1800 mAh Li-Ion Battery Pack

SBC-SLX Spring Action Belt Clip



BC-SLX
Dual Slot Desktop
2.5^h Hour Rapid
Charger



RSM-5X
Speaker Microphone
with Rotating Spring
Action Clip



RHD-12X
Behind-the-head Headset
with Boom Microphone,
Pendant PTT and Clip



RHD-11X
Security Earset with
Pendant Microphone,
PTT and Clip



RHD-10X
Single Earbud
with Pendant
Microphone,
PTT and Clip

For superior durability all SLX audio accessories feature a low-profile molded strain relief connector

SLX is PC Programmable by dealer using Ritron SLX software. Menu selectable features as allowed by PC programming profile.

SPECIFICATIONS

General:	VHF: SLX-100	UHF: SLX-400
FCC ID:	AIERIT21-150	AIERIT21-450
FCC Rule Parts:	90, 95	90, 95
Dimensions:	3.93" H X 1.33" D X 2.2" W	
Weight w/ Battery:	9.6 oz.	9.6 oz.
LCD Display:	8 Character Alphanumeric	
Emission Designators:	8K50F3E (Narrow) 16K0F3E (Wide)	11K0F3E (Narrow) 16K0F3E (Wide)
Frequency Range ¹ :	136-174 MHz	405-470 MHz
Max. Freq Separation:	38 MHz	65 MHz
RF Channels:	60	60
Channel Steps:	5/6.25/12.5/20/25 kHz	6.25/12.5/25 kHz
Temperature Range	- 30°C to + 60°C	
Frequency Stability:	± 2.5 ppm	
Certifications ² :	IP-54 Water & Dust Intrusion MIL-STD 810F Shock & Vibration	
Battery Life ³ (90-5-5):	15 hours	15 hours
Programmable		
Function Buttons:	6	6
Selective Signaling ⁴ :	CTCSS/DCS/ 2-Tone & 5-Tone Encode/Decode/ DTMF Encode	
Transmitter:		
RF Power Output:	1 W/5 W	1 W/4 W
Modulation:	± 2.5 kHz/± 5.0 kHz	
Spurious & Harmonics	- 65 dBc	
Audio Response:	Meets EIA Requirements	
FM Hum and Noise:	- 40 dB @ 12.5 kHz - 45dB @ 25 kHz	- 40 dB @ 12.5 kHz - 45dB @ 25 kHz
Audio Distortion:	Less than 5%	
Time Out Timer:	Adjustable	
Receiver:		
Receiving System:	Dual Conversion, superheterodyne	
I.F. System:	21.4 MHz/455 kHz	45.3 MHz/455 kHz
Sensitivity		
(12 dB SINAD):	.20 µV Typical .25 µV max	.20 µV Typical .25 µV max
Selectivity (EIA):	- 65 dB @ 12.5 kHz - 70 dB @ 25 kHz	- 65 dB @ 12.5 kHz - 70 dB @ 25 kHz
Spurious Rejection (EIA):	- 70 dB	- 70dB
Image Rejection (EIA):	- 70 dB	- 70dB
Intermodulation (EIA):	- 65 dB	- 65dB
FM Hum and Noise:	- 40 dB @ 12.5 kHz - 45 dB @ 25 kHz	- 40dB @ 12.5kHz - 45dB @ 25kHz
Audio Output:	0.8 Watt into 16 Ohms, < 5% distortion	

- The antenna supplied with standard SLX model radio is pre-cut for operation within the following frequency ranges VHF: 150-165MHz, UHF: 450-470MHz. Order optional un-cut antenna for operation outside of the standard frequency band.
- To meet IP-54 and MIL-STD 810F the audio accessory cover must be firmly attached.
- Battery Life: 90-5-5 duty cycle at high power, 15 hours with Battery Saver ON/11 hours with Battery Saver OFF.
- Refer to the manual for details relating to this feature capability.
- Caller ID capacity is 16.
- Time required to charge one (1) Battery Pack. Batteries are charged in sequence; front to rear.

Your Ritron Dealer:

Go Beyond Normal Limits...SM



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Note: Specifications are subject to change without notice.

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