

A FISTFUL OF FEATURES

Features:

- 5/1 Watt VHF, 136-174MHz*
- 4/1 Watt UHF, 406-470MHz*
- 60 Channel Capability
- IP-54 and MIL-STD 810F Certified
- Ultra Small, only 3.93" H x 1.33" D x 2.2" W
- Lightweight only 10oz. with Battery
- Wide or Narrow Band Selectable by Channel
- 11 Hour Battery Life with 1800mAh Li-Ion Battery
- 8 Character Alphanumeric LCD Backlit Display
- 6 Programmable Function Buttons
- Programmable Emergency Button
- Audio Accessory Connector
- Scan
- Built-in Voice Scrambler
- Built-in VOX Capability
- CTCSS/DCS Signaling
- 2-Tone Encode/Decode by Channel †
- DTMF Encode by Channel †
- Low Battery Alert
- Status Icons
- One Year Warranty

Each SLX radio includes: flex antenna, 1800mAh Li-Ion battery pack, spring action-belt clip, dual slot 2 ½ hr charger.

† see manual for details relating to this feature capability.

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
Li-Ion Battery Pack
with **SBC-SLX** Belt Clip



BC-SLX
Dual Slot Desktop
Rapid Charger



RSM-5X
Speaker Microphone



RHD-12X
Behind-the-ear Earset
with Boom Microphone
and Pendant PTT



RHD-11X
Security Earset with
Pendant Microphone
and PTT



RHD-10X
Single Earbud
with Pendant
Microphone
and PTT

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

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RITRON[®]
WIRELESS SOLUTIONS

SPECIFICATIONS

General:	SLX-100	SLX-400
FCC ID:	AIERIT21-150	AIERIT21-450
FCC Rule Parts:	90, 95	90,95
Frequency Range:	136-174MHz *	405-470MHz *
Max. Freq Separation:	38MHz	65MHz
RF Channels:	60	60
Channel Spacing:	12.5/25 kHz	12.5/25 kHz
Frequency Stability: (-30°C to +50°C)	± 2.5 ppm	± 2.5 ppm
Selective Signaling:	CTCSS/DCS /2-Tone 5-Tone/DTMF Encode	
Programming:	PC	PC
Transmitter:		
RF Power Output:	1W/5 W	1W/4W
Modulation:	± 2.5kHz/± 5.0kHz	± 2.5kHz/± 5.0kHz
Spurious & Harmonics	- 65dBc	- 65dBc
Audio Response:	Meets FCC & EIA Requirements	
FM Hum and Noise:	- 40dB @ 12.5kHz	- 40dB @ 12.5kHz
	- 45dB @ 25kHz	- 45dB @ 25kHz
Audio Distortion:	Less than 5%	Less than 5%
Time Out Timer:	Adjustable	Adjustable
Receiver:		
Receiving System:	Dual Conversion, superheterodyne	
I.F. System:	21.4MHz/455kHz	45.3MHz/55kHz
Sensitivity		
(12 dB SINAD):	.20µV Typical .25µV max	.20µV Typical .25µV max
Selectivity (EIA):	- 65dB @ 12.5kHz - 70dB @ 25kHz	- 65dB @ 12.5kHz - 70dB @ 25kHz
Spurious Rejection (EIA):	- 70dB	- 70dB
Image Rejection (EIA):	- 70dB	- 70dB
Intermodulation (EIA):	- 65dB	- 65dB
Modulation Acceptance:	± 7.5kHz	± 7.5kHz
FM Hum and Noise:	-40dB @ 12.5kHz -45dB @ 25kHz	-40dB @ 12.5kHz -45dB @ 25kHz
Audio Output:	0.8 Watt into 16 Ohms, less than 5% distortion	

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

* 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.

Your Ritron Dealer:

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