

Introducing the Exceptional

SLX SERIES

By Ritron!

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
- Lone worker alert
- ZVEI User ID encode/decode



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

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.

The SLX is a whole lot more than just a radio! This incredible micro-sized communicator is ideal for golf course (Up to 60 pumps can be controlled *without a keypad!*). Hospitals concerned with HIPPA compliance need worry no more. The SLX has a built in scrambler and the ability to serve up to 60 work groups. The SLX is a natural for public safety with an emergency call button that first alerts co-workers or supervisors, and then automatically opens the microphone for hands-free transmitting! Administrative personnel will appreciate the fact that each and every radio can be programmed with an ID code that appears on the receiving unit's LCD display. If a radio is lost or stolen, it can be disabled over the air! And, we're just getting started!

If you've been looking for a world-class radio, you need to know more about the SLX. You can visit a special web site at www.info4u.us/slx.pdf for more information or give us a call at 800.489.2611. You'll be glad you did!



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SPECIFICATIONS			OPTIONS
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	
5.0kHz			
Spurious & Harmonics	- 65dBc	- 65dBc	
Audio Response:	Meets FCC & EIA Requirements		
FM Hum and Noise:	- 40dB @ 12.5kHz	- 40dB @ 12.5kHz	
12.5kHz			
	- 45dB @ 25kHz	- 45dB @ 25kHz	
Audio Distortion:	Less than 5%	Less than 5%	
Time Out Timer:	Adjustable	Adjustable	
Receiver:			
Receiving System:	Dual Conversion, superhetrodyne		
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	- 65dB @ 12.5kHz	
12.5kHz	- 70dB @ 25kHz	- 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	-40dB @ 12.5kHz	
	-45dB @ 25kHz	-45dB @ 25kHz	
Audio Output:	0.8 Watt into 16 Ohms, less than 5% distortion		
			BP-LI-18 Spare Lithium-Ion battery back with SBC-SLX Belt Clip

*For superior durability all Ritron 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.

*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.

