



Sure-Response

SR-3202

Professional Digital Two-Way Radio

User Manual

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WARNINGS

This transceiver is designed and classified as “Occupational Use Only.” It should only be used in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.

This radio complies with IEEE and ICNIRP exposure limits for occupational/controlled RF exposure environments at operating duty factors of up to 50% and is authorized by the FCC for occupational use only.

Users must maintain a minimum distance of 2.5cm when held to face, and body-worn operations are restricted to the approved original accessories (belt clip).

Do not use this device when the antenna shows obvious indications of damage.

INSTRUCTIONS BEFORE USAGE

Use of transceiver without antenna properly installed poses a risk of electric shock.

Do not use transceiver in the proximity of explosive substances or compounds.

Turn off transceiver in proximity of fuel stations or when refueling.

Do not expose transceiver to prolonged direct sunlight or intense heat.

Do not use transceiver in excessively dusty, damp, or wet environments.

Transceiver repairs should only be completed by an authorized repair technician.

If transceiver emits a burning smell or visible smoke, turn off the transceiver immediately, remove the battery pack, and then contact your supplier.

FEATURES

400-470MHz frequency band

1024 channels

Optional remote stun/kill/activate

Emergency LED flashlight

Back-lit LCD display

Optional encryption (digital only)

CTCSS/CDCSS tones

Two programmable keys

Scan mode with optional priority channel

Digital and analog operating modes

2.5mm accessory headset port

DTMF encoding and decoding presets

DMR standard text messaging



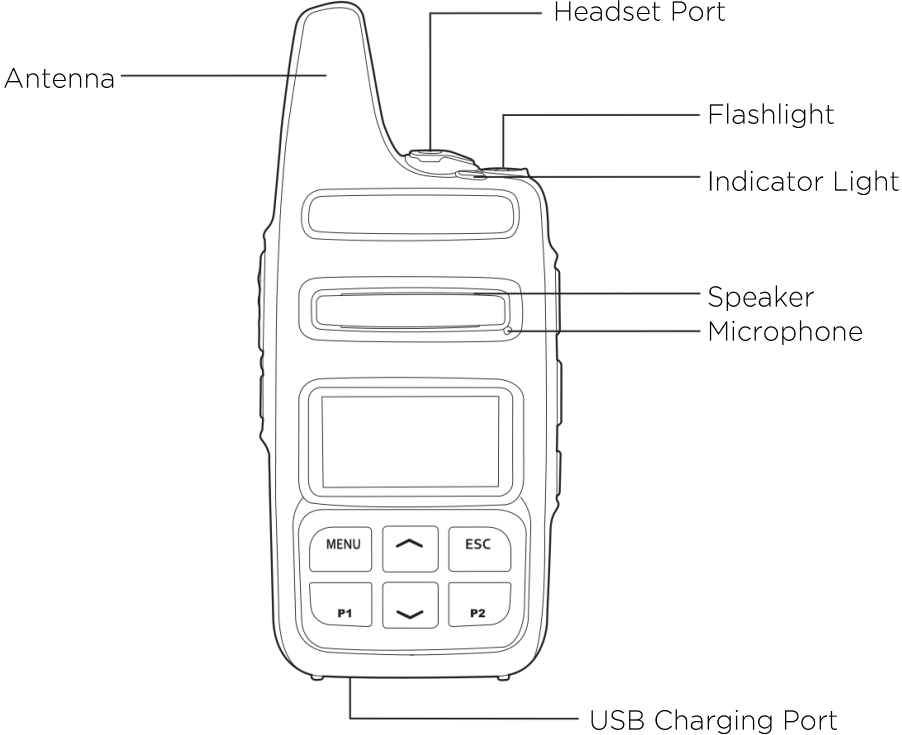
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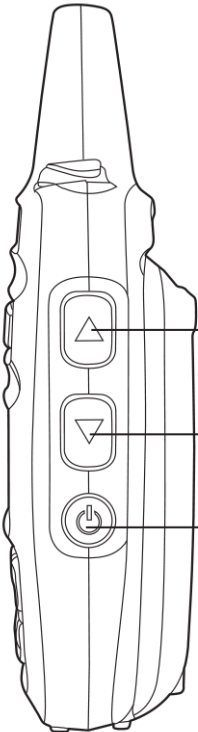
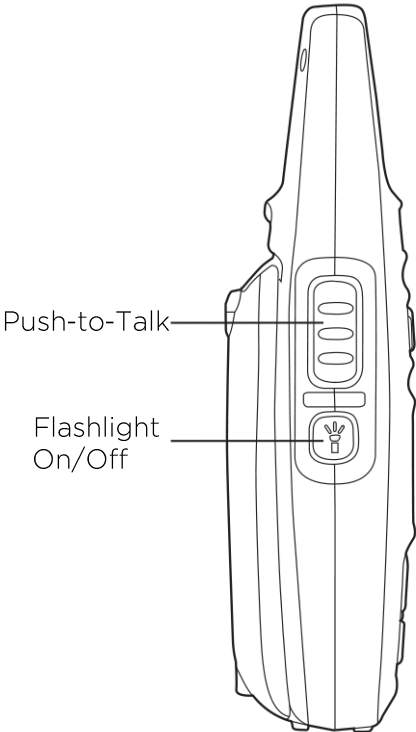
PACKAGE CONTENTS

- 1x SR-3202 Radio
- 1x Li-Ion Battery Pack
- 1x Belt Clip
- 2x Belt Clip Screws

BUTTONS AND FEATURES



BUTTONS AND FEATURES



Push-to-Talk

Flashlight
On/Off


Volume +

Volume -

Power On/Off

BASIC USAGE

-Turning the Radio On and Off

Press and hold the  Power On/Off key for 3 seconds to turn the radio on. The Indicator Light will turn red during the power on process. Press and hold the  Power On/Off key again for 3 seconds to turn the radio off.

-Raising and Lowering the Volume

Press the  Volume + or  Volume - keys to set radio volume to a comfortable level.

Caution: Radio audio can be entirely muted by setting volume to lowest level. Please check volume level if radio is not properly outputting audio.

-Changing the Radio Channel

To change the radio channel within the current Zone, exit any menus by pressing the  Escape key, then press the  Up or  Down arrow keys.

BASIC USAGE

- Using the Flashlight






With the flashlight off, press  Flashlight key once to enable. Press  Flashlight key again to disable.

- Programmable Keys (P1 and P2)

The programmable keys P1 and P2 are configured by your radio dealer on an individual basis. Each key has a short-press and long-press (typically 3 second hold) function. Contact your radio dealer to determine what functions your programmable keys serve.

MENU OPERATIONS

- Menu Navigation

To enter the menu, press the green  Menu key. To navigate menu selections, press the  Up or  Down arrow keys. To select a menu option, press the green  key. To go back to the previous menu or exit the menu entirely, press the red  Escape key.

Note: Menu options differ slightly between analog and digital operating modes. Not all menu options may be applicable or displayed for your chosen channel.

MENU OPTIONS

- Messages
 - Inbox
 - Outbox
 - DelMsg (*Delete Messages*)
 - Inbox
 - Outbox
- Contacts
- CallLog
 - MissCall (*Missed Calls*)
 - ReceCall (*Received Calls*)
 - CallNumb (*Call Number*)
 - DelLogs (*Delete Call Logs*)
 - De_MissCall (*Delete Missed Calls*)
 - De_ReceCall (*Delete Received Calls*)
 - De_CallNumb (*Delete Call Numbers*)
- Settings
 - Local
 - Channel
 - TalkAround
 - Power
 - SQ (*Squelch Level*)

MENU OPTIONS

- Zone
- Others
 - LockKey
 - BackLight
 - Volume Key
- Tone
 - Profiles
 - KeyPadTone
 - Lowbat Tone
 - TX Tone

FUNCTIONS AND MENUS

- Zone Selection

MENU Menu → Settings → Zone. Choose desired zone using **⬆** Up or **⬇** Down keys, then press **MENU** Menu to apply setting.

- Enable/Disable Automatic Keypad Lockout

MENU Menu → Settings → Others → LockKey. Enable or disable timed automatic keypad locking via selecting Keylock ON or Keylock OFF, then press **MENU** Menu to apply setting.

When enabled, keypad will automatically lock after 5 seconds of idle time. To temporarily unlock keypad for usage, press and hold P1 for 2 seconds.

Note: The Push-to-Talk key continues to function while keypad is locked.

FUNCTIONS AND MENUS

-Digital Text Messaging

Under development. Subject to change.

To view text messages:

MENU Menu → Messages → Inbox. Select desired message with **↑** Up or **↓** Down, then press **MENU** Menu to open message.

To delete received text messages:

MENU Menu → Messages → DelMsg → Inbox. Select desired message with **↑** Up or **↓** Down, then press **MENU** Menu to select message for deletion. Confirm deletion with **MENU** Menu or press **ESC** Escape to cancel.

SPECIFICATIONS

General Specifications

Frequency range	400-470MHz
Channels	1024 channels
Channel spacing	12.5KHz
Operating voltage	3.6V
Battery type	Li-Ion
Operating temperature	-22°F - 140°F
Storage temperature	-40°F - 176°F
Antenna impedance	50Ω
Audio output power	<1000mW @ 16Ω
Battery capacity	3600mAh
Dimensions (H*W*D)	115mm*50mm*32mm
Weight	148 grams

Transmitter

Output power	High: ≤ 2W Low: ≤ 0.5W
Frequency stability	+/-1.00ppm
Adjacent channel power	<-60dB
Free time slot power	TDMA: <57dBm
Hum and noise	-40dB @ 12.5KHz
Spurious radiation	Antenna: 9KHz-1GHz <-36dBm 1GHz-12.75GHz <-30dBm
FM modulation mode	12.5KHz: 1K0F3E
4FSK digital mode	12.5KHz(data only): 7K60FXD 12.5KHz(data + voice): 7K60FXE
Modulation maximum deviation	2.5KHz @ 12.5KHz

SPECIFICATIONS

Non-active slot power	-57dBm
Digital protocol	ETSI TS 102 361-1 -2 -3
Vocoder type	AMBE+2TM
Audio response	+1dB~-3dB
Modulation BER (Bit error rate)	≤5%
Receiver	
Analog sensibility	0.35uV/-116dBm(20dB SINDA) 0.22uV/-120dBm(Type)
Digital sensibility	0.3uV/-117.4dBm(BER 5%) 0.22uV/-110dBm(BER 1%)
Co-channel rejection	>-12dB
Adjacent channel selectivity	TIA603C: 65dB ETSI: 60dB
Spurious response	TIA603C: 75dB ETSI: 70dB
Rated audio power	1W
Audio response	=1dB~3dB
Rated audio distortion	3%(Type)
Spurious radiation	Antenna:9KHz-1GHz <-57dBm 1GHz-12.5GHz <-47dBm

Note: Sure-Response, Inc. endeavors to achieve the accuracy and completeness of this manual, but no warranty of accuracy or reliability is given. All the specifications and designs of this product are subject to change without notice due to continuous technology development.