

Owner's Manual

Wireless Guide Transmitter/Receiver

For Model WS823T/WS823R

FEATURES

- 🔊 79 Channels
- 💡 LCD Backlighting
- 🔊 Auto Squelch
- 🔊 Emergency Channel
- 🔊 SCAN Function
- 🔊 Low Battery Indicator

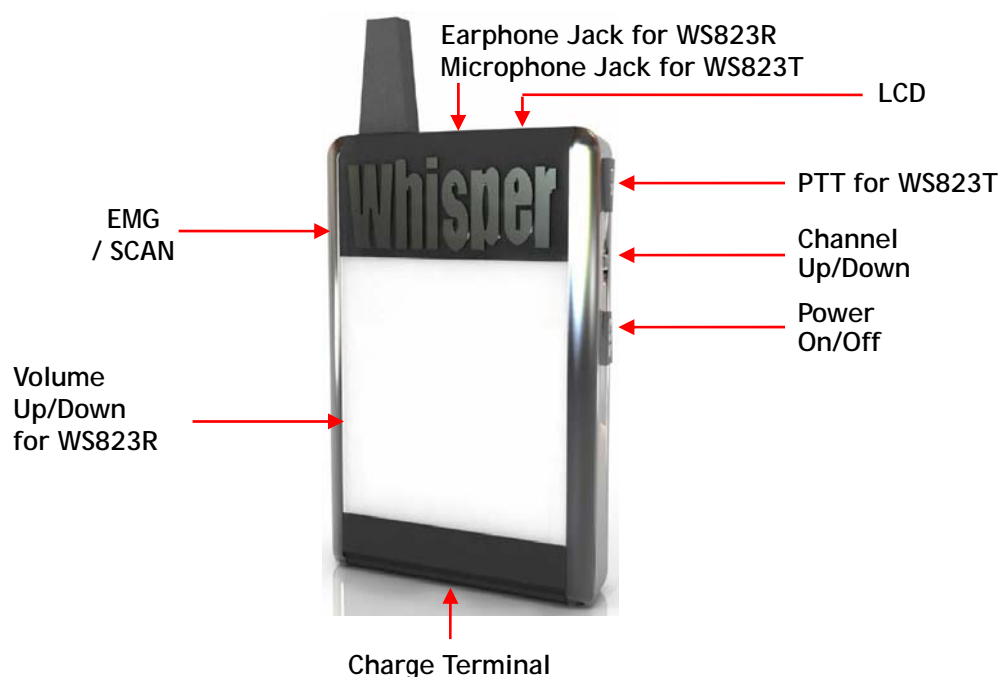
Use and Care

1. **Do not** use alcohol or cleaning solutions to clean the radio.
2. **Do not** immerse the radio in water.
3. Use a soft damp cloth to clean the radio
4. Dry the radio with dry lint-free cloth should it get wet.
5. **Turn off the radio and remove the batteries during long-term storage.**

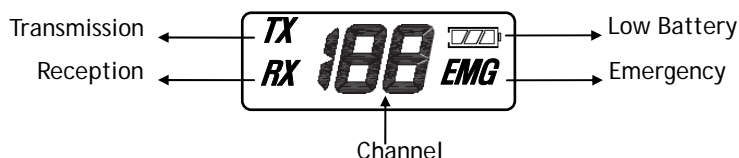
Introduction

The WS823 represents the state-of-the-art in high-tech engineering. Designed for Transmitter and Receiver operation, this compact package is big in performance. It is a quality piece of electronic equipment, skillfully constructed with the finest components. The circuitry is all solid-state and mounted on a rugged printed circuit board. The WS823 is designed for reliable and trouble-free performance.

Control Buttons & Indicators



LCD Display



Operation

Power On/Off : 1. Press the “ **Power On/Off** ” button for more than 1 second to turn the radio on.
2. Press the “ **Power On/Off** ” button for over 1 second to turn the radio off.

Volume : 1. Press the “ **Volume +** ” button to increase the volume.
2. Press the “ **Volume -** ” button to decrease the volume during normal operation.

Note : WS8 23R only

Talking and Listening : To communicate, all radios in your group must be set at the same channel.

1. Press “ **PTT** ” button one time and speak in a normal voice into the microphone. The “TX” icon will appear continuously on the LCD Display when transmitting.
2. The RX icon will appear on the display when your radio is receiving a transmission.
3. To release the transmission, press “ **PTT** ” button one time again.

Channel Selection : The WS823 has 79 channels available. To change channels:

1. Press the “ **Channel + or -** ” button until the current channel segment flashes in radio on.
2. Press the “ **PTT** ” button to save the new channel.

Emergency : 1. Press the “ **EMR** ” button for more than 4 seconds to make Emergency channel.
2. Press the “ **EMR** ” button for over 4 seconds to release Emergency channel.

SCAN : 1. Press the “ **EMR** ” button shortly to make channel scanning.
2. If found the TX signal, scanning will be stop. If you want to scanning again, press the “ **EMR** ” button shortly, then scanning will start again.

Note : WS823R only

Factory Default setting for WS823 : At Power Off mode

1. Press and hold the "**Channel +**" button and press "**Power On/Off**" button for WS823T.
 2. Press and hold the "**Volume +**" button and press "**Power On/Off**" button for WS823R.
- Then will change to factory default setting (Channel 1).

Technical Specification

A. Specification

Channels	: 79 Channels
Operating Frequency	: UHF 915.0250 ~ 916.9750 MHz
Power Source	: Lithium Battery
Output Power	: Typically ERP 10mWatts

B. Current Drain :

WS803T	: 100 mA max., Standby 10mA max.
WS803R	: 50 mA max., Standby 30/8mA max.

C. Operating Time : Based on 3000mAH (Lithium battery) capacity

WS803T	: 27 hours, Standby 250 hours
WS803R	: 50 hours, Standby 137 hours

Channel Frequency Chart [MHz]

CH No.	Frequency	CH No.	Frequency	CH No.	Frequency
1	915.0250	28	915.7000	55	916.3750
2	915.0500	29	915.7250	56	916.4000
3	915.0750	30	915.7500	57	916.4250
4	915.1000	31	915.7750	58	916.4500
5	915.1250	32	915.8000	59	916.4750
6	915.1500	33	915.8250	60	916.5000
7	915.1750	34	915.8500	61	916.5250
8	915.2000	35	915.8750	62	916.5500
9	915.2250	36	915.9000	63	916.5750
10	915.2500	37	915.9250	64	916.6000
11	915.2750	38	915.9500	65	916.6250
12	915.3000	39	915.9750	66	916.6500
13	915.3250	40	916.0000	67	916.6750
14	915.3500	41	916.0250	68	916.7000
15	915.3750	42	916.0500	69	916.7250
16	915.4000	43	916.0750	70	916.7500
17	915.4250	44	916.1000	71	916.7750
18	915.4500	45	916.1250	72	916.8000
19	915.4750	46	916.1500	73	916.8250
20	915.5000	47	916.1750	74	916.8500
21	915.5250	48	916.2000	75	916.8750
22	915.5500	49	916.2250	76	916.9000
23	915.5750	50	916.2500	77	916.9250
24	915.6000	51	916.2750	78	916.9500
25	915.6250	52	916.3000	79	916.9750
26	915.6500	53	916.3250		
27	915.6750	54	916.3500		

**** Channel 40 is the Emergency Channel**

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Transmitter FCC ID: ZF4WS823T

Receiver FCC ID: ZF4WS823R

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.