Operating Guide

SWM4000 Series





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Quick Start Guide for SWM4000 WIRELESS SYSTEMS

Setting up the SWM4000 Receivers.

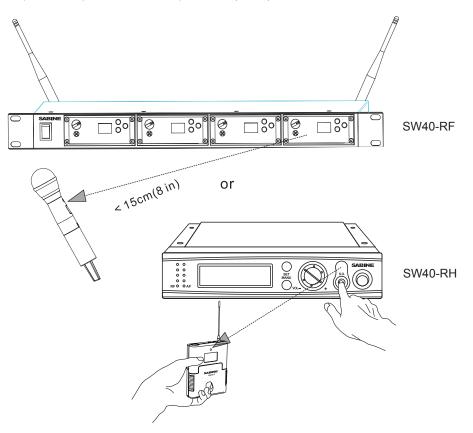
1. Plug the PSU power supply into the wall socket and receiver and power on the unit.

2. Push the MENU button until the words "Auto Select" appear in the LCD (SW40-RH). Or, the word "SCAN" for the SW40-RF

3. Push the SET button. The SW40-RH or SW40-RF will set itself to a clear channel and display the channel on the receiver LCD.

4. Turn on a transmitter (leave the other transmitters turned off). Aim the transmitter's IR sensor about 8 inches from the receiver's IR scanner and press the receiver's S.O. (SYNC) button for several seconds while the receiver programs the transmitter. When the group and channel numbers on the transmitter matches the receiver, the system is ready to operate. The RF LED should be fully lit when you are standing close.

Expose the IR port to the receiver, press S.O. (SYNC)



5. Speak, sing or play into the transmitter to adjust the volume control so that the A.F. LEDs generally light under normal performance conditions. The volume should be adjusted so that the top A.F. LED only lights momentarily with the loudest inputs. You will hear a harsh clipping sound if the top LED stays lit under normal levels.

6. Adjusting the squelch. The squelch controls the maximum distance between the transmitter and receiver. It is set to maximum range at the factory and should be kept there in most cases.

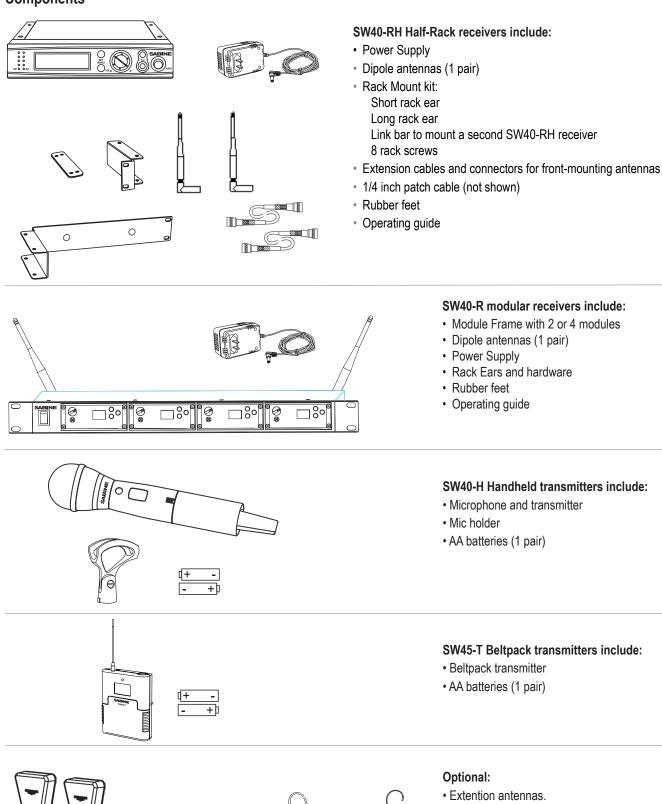
For Multiple Systems

• Repeat steps 1 – 6 if you wish to add more systems. **IMPORTANT: Make sure to keep the transmitters that have been set up turned on so that new receivers will know those channels are busy.**

• See Appendix A for manually selecting the frequencies of your system.

· Be sure that only one transmitter's IR port is exposed when setting up a system.

Components



SWASS-EXT 3

1

SWT10L-CB-TA4

or SWT41L-CB-TA4

Sabine SWM4000 Smart Spectrum® Wireless

· lavalier microphone

• single-ear microphone

· double-ear microphone

See www.Sabine.com for details.

LIT-SWM4000-OG-EN-101215.indd

3

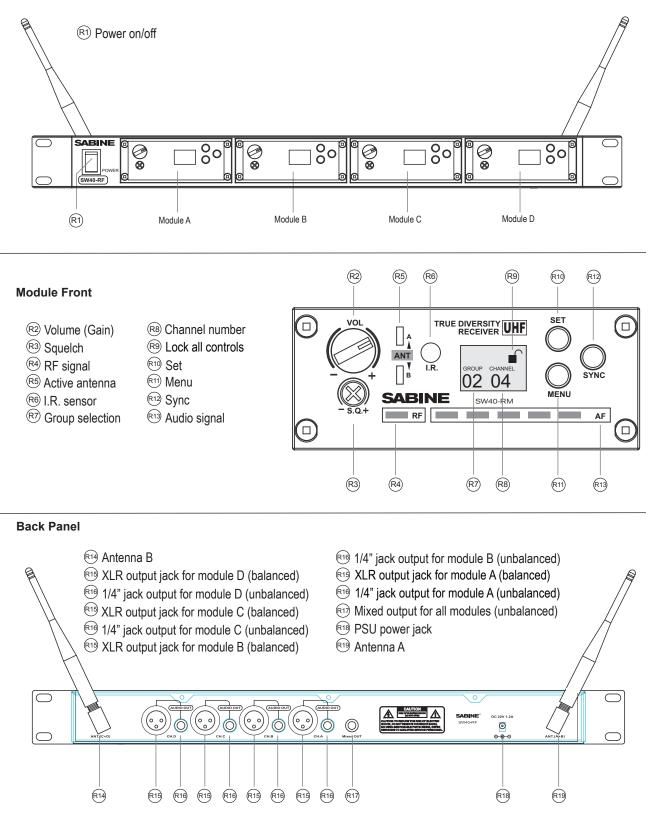
SWT74W-ODB-TA4

(TIEF

SWT74W-OSB-TA4

SW40-RF-Module Receiver Details

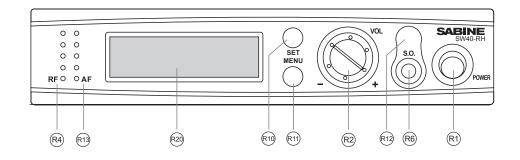




SW40-RH 1/2-Rack Receiver Details

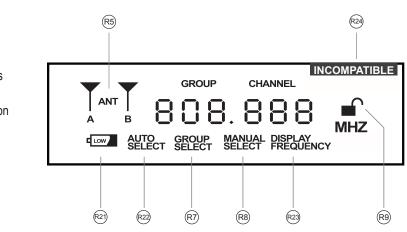
Front Panel

- R1 Power On/Off switch Push up to turn on, push down to turn off.
- R2 Volume control. The volume control dial should generally be left in the clockwise position. Turning the dial counter-clockwise decreases receiver output level.
- R4 RF LED Indicates strength of incoming RF signal.
- [®] Smart option Press to initiate IR connection between receiver and transmitter.
- ® Set switch Press to select the currently displayed menu option.
- Menu switch Press to scroll through menu options.
- 1 Infrared (IR) port Broadcasts IR signal to transmitter to synchronize frequencies..
- R13 Audio LED Indicates strength of incoming audio signal.
- R20 LCD display



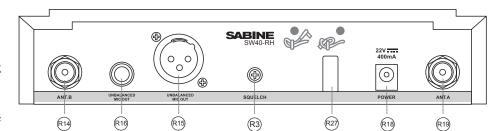
LCD display

- R5 Antenna status
- (R7) Group selection
- ^(R8) Manual channel selection
- R9 Lock/unlock receiver settings
- R21 Transmitter Battery status
- R22 Automatic frequency selection
- Display frequency
- R24 Incompatable frequency

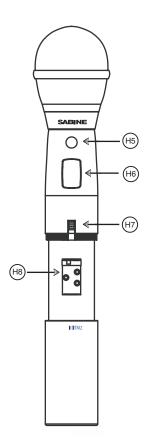


Back Panel

- R3 Squelch
- R14 Antenna jack B
- R15 XLR output jack
- R16 1/4 jack output jack
- R18 AC adapter jack
- R19 Antenna jack A
- Real Adapter cord tie-off



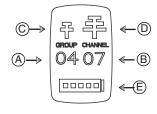
SW40-H Handheld Transmitter Controls



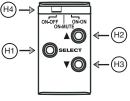
To Open: Unscrew lower portion of microphone. Pull down as you continue to turn the housing.

To Close: Turn the housing and push up until it meets the threads, then screw on.

- H1 Select Button
- H2 Up Button
- H3 Down Button
- H Programmable Control of External Switch
- H5 Infrared Port
- H6 Transmitter LCD Screen
- H7 External Switch
- (H8) Transmitter controls and battery compartments
- A Group Number
- B Channel Number
- © Antenna Indicator Low output
- D Antenna Indicator High output
- E Battery life Indicator



Transmitter LCD screen

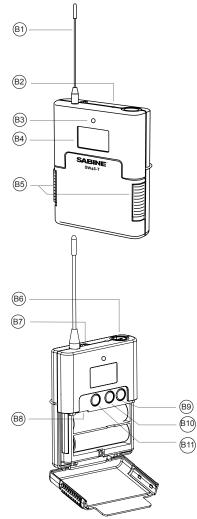


Transmitter Controls

Programming the Handheld Transmitter

- Group/Channel: Press the Select button to enter Edit Mode, and repeat until the GROUP indicator flashes. In this mode, the Up/Down buttons will adjust Group selection. Choose your group, then press the select button until the CHANNEL indicator flashes. In this mode, the Up/Down buttons will adjust Transmission Channel.
- C D RF Output: Press the Select button to enter Edit Mode, and repeat until the antenna indicators flashes. The small antenna symbol indicates low output (useful if there are many transmitters clustered together) and the large antenna symbol indicates high output (good for larger spaces). Press the up or down buttons to add or subtract the high-level output symbol.
 - (H4) Internal Control of External Switch: The recessed transmitter controls include a 3-position switch, which in turn determines how the transmitter's external two-position switch behaves. From left-to-right, the 3 positions of the internal switch correspond to the following external switch operations. NOTE: The antenna symbol blinks when the transmitter is not muted.
 - ON-OFF: In the off position the transmitter is turned off. When you turn it on there is a short boot-up period before the mic turns on.
 - ON-MUTE: In the off position the audio is muted, but the transmitter is still on. Use this when you need the audio to come on instantly when turning on the microphone.
 - ON-ON: In both switch positions the mic is on. In essence you are disabling the external switch, and leaving the mic on at all times. This is useful if you are working with talent that might accidentally turn off the mic.
 - **Battery Life Indicator:** The battery symbol shows the battery level. Typical battery life is 8 hours.

SW45-T Beltpack Transmitter



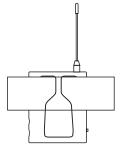
Controls

- (B1) Antenna (replaceable)
- B2 Audio gain adjustment switch
- ^(B3) IR port Receives infrared beam to synchronize frequencies.

When using multiple systems, only one transmitter IR port should be exposed at a time.

- ^{®4} LCD screen
- (B5) Battery cover (slide both clips down to open)
- ^(B6) TA4-F microphone input jack
- (B7) On-off switch
- On-off / on-mute / on-on switch (located under the case, above the battery compartment).
 Use a pencil to select option. Switch is hidden to protect from accidental nudge.
- ® Up
- B10 Down
- (B11) Select

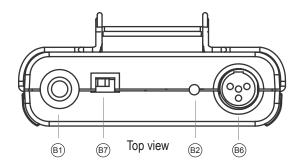
Wearing the Beltpack Transmitter



• Clip the transmitter to a belt until the belt is pressed against the base of the clip.

Changing Batteries

- Expected life for an Alkaline battery is approximately 8 hours.
- Change batteries when the battery bar in LCD display is empty, as shown below:







Programming the Beltpack Transmitter

Manually Select a Group and/or Channel

- 1. With the power on, press and hold the **select** button until the GROUP and CHANNEL displays begin to alternate.
- 2. To change the group setting, release the select button while GROUP is flashing.
- (While GROUP is flashing, pressing ${\bf up}$ or ${\bf down}$ increases/decreases the group setting by one.)
- 3. Press $\ensuremath{\textbf{select}}$ button to switch between GROUP and CHANNEL settings.



Battery Status

Indicates charge remaining in transmitter batteries.

Operating Instructions

Congratulations on purchasing your Sabine SWM4000 Series Wireless Microphone System. This system is specially designed to provide you with excellent audio quality, ease of use, and reliability.

Frequency Bands The SW4000 series is available in several frequency bands to accommodate various local governmental regulations throughout the world. The frequency band of your system is represented by the numbers appended to the part number. For example, the SW40-RM3-U-915 operates in the 915 MHz band while the SW40-RM3-E-860 operates in the 860 MHz band.

The band recommended for the US and Canada, along with Central and South American is the 915 Mhz band. This band is immune to interference from analog and digital TV, mobile or smart phones, and most WIFI devices. It operates with up to 8 concurrent users in the same location.

Contact your local distributor to determine the best band for your location outside of the Americas. Or, visit www.sabine.com for the most current information.

Installing the SW4000 system in your sound system.

Antennas. Antennas pick up the signal from the transmitters and transfers it to the receiver where it converted to an audio signal. A pair of SWAANT dipole antennas are included with your system. Antennas are like the "eyes" of the system. You will hear dropouts if the antennas cannot "see" the transmitter. Antennas cannot "see" through steel or concrete. If your antennas are mounted on the back of the receiver, rotate the receiver body around so that the antennas are in the line of sight of the transmitter.

A receiver mounted in a rack must use the back-to-front cables and have the antennas mounted in the line of sight of the transmitter on the front of the rack. Also, dipole antennas should be orientated to the 11:00 and 2:00 positions for the best reception.

If the antennas are blocked or shadowed, you should replace the SWAANT antennas with Sabine's SWASS-EXT-3 external antennas. **Make sure you specify the frequency band of your system when you order.**

Audio Connections Your receiver has both a balanced XLR and unbalanced ¼-inch audio jacks on the back panel to connect the receiver to your mixer or powered speaker. Use the balanced jack whenever possible.

Channel Selection Follow the steps on the next page to quickly find interference-free channels.

Note: transmitting devices such as cellular phones and two-way radios may interfere with wireless audio transmissions. Keep your transmitters and receivers away from these and other potential sources of interference.

Setting up your Wireless Systems

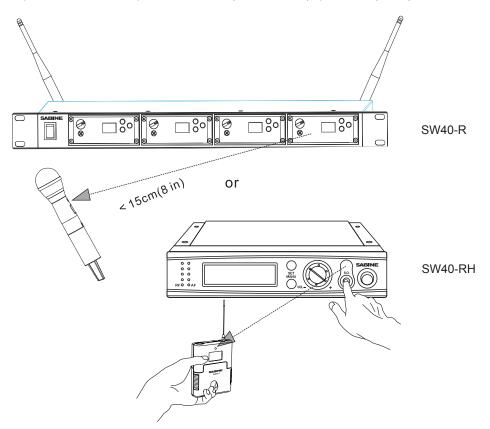
1. Plug the PSU power supply into the wall socket and receiver.

2. (SW40-RH) Push the MENU button until the words Auto Select appear in the LCD. (SW40-RF) Push the MENU button until the words scan appear in the LCD.

3. Push the SET button. The SW40-RH or SW-40-RF will set itself to a clear channel and display the channel on the receiver LCD.

4. Turn on a transmitter (leave the other transmitters turned off). Aim the transmitter's IR sensor about 8 inches from the receiver's IR scanner and press the receiver's S.O. (SYNC) button for several seconds while the receiver programs the transmitter. When the group and channel numbers on the transmitter matches the receiver, the system is ready to operate. When you are standing close, the RF LED ladder on the SW40-RH should be fully lit or, on the SW40-RF, the RF LED bar will be lit.

Expose the transmitter IR port to the receiver (within 8 inches), press S.O. (SYNC)



5. Speak, sing or play into the transmitter to adjust the volume control so that the A.F. LEDs generally light under normal performance conditions. The volume should be adjusted so that the top A.F. LED only lights momentarily with the loudest inputs. You will hear a harsh clipping sound if the top LED stays lit under normal levels.

6. Adjusting the squelch. The squelch controls the maximum distance between the transmitter and receiver. It is set to maximum range at the factory and should be kept there in most cases.

For Multiple Systems

• Repeat steps 1 – 6 if you wish to add more systems. IMPORTANT: Make sure to keep the transmitters that have been set up turned on so that new receivers will know those channel are busy.

• See Appendix A (pg.10) for manually selecting the frequencies of your system.

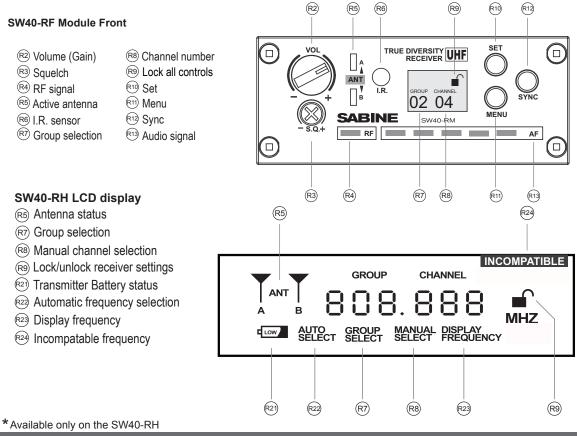
• Be sure that only one transmitter's IR port is exposed when setting up a system.

Appendix A Manual Programming

Receiver Programming

R7	<i>Group Selection</i> (1) 2x menu (2) set (3) S.O. Allows manual selection of a frequency group. Pressing SET increases the group number by one. When the correct frequency is displayed press S.O. (SYNC). For best results when operating multiple systems, set all systems to a single group; then set each system to a unique channel within that group.
(R8)	Manual Channel Selection ① 3x menu ② set ③ S.O. Allows manual selection of a frequency channel. Pressing SET increases the channel number by one. When the correct frequency is displayed press S.O. (SYNC).
R23	Display Frequency * (1) 4x (menu) (2) set Display the current frequency in MHz. Press again to display group and channel.
R9	Lock or Unlock Receiver Settings set + menu Hold down the SET key and press MENU to lock or unlock the receiver. Locking prevent the current receiver settings from changing.
R5	Antenna Status Indicates RF activity. Only one antenna is active at any one time.
R21	Transmitter Battery Status Indicates a low transmitter battery charge.
R26	INCOMPATIBLE Frequency Warning The INCOMPATIBLE warning indicates that the receiver and transmitter are set to incompatible frequency bands. Contact your retailer for assistance.

Any option displayed on screen will generally time out after five seconds



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Appendix B Frequencies and Groups

FREQUENCY BAND SELECTION

Most countries closely regulate radio frequency devices to limit RF (radio frequency) interference. Many countries are in the process of changing their regulations in order to accomodate requirements for DTV braodcasts and smart phones. SWM4000 systems are available in several frequency ranges. Contact your local retailer to determine the bands that are suitable in your area. Sabine is making new frequency bands available as the regulations evolve. The most current information can be found at www.Sabine.com.

The following bands are available at the time this manual was printed:

902-928 MHz - For the Americas and the Pacific Rim (These frequencies are expected to remain license free and relatively free of interference for the foreseable future.) 710-740 MHz - For use in Europe. 606-630 MHz - For use in the UK.

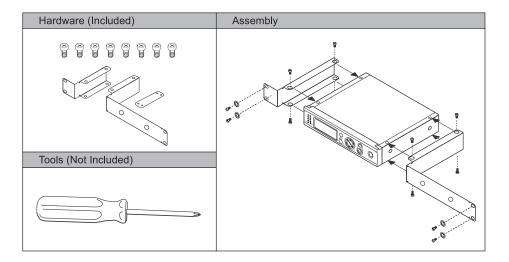
SWM4000 systems typically provide predefined frequency groups and channels. All microphones in a system should be set to individual channels within a single group to reduce the chance of interference. DO NOT SET TWO TRANSMITTERS TO THE SAME GROUP AND CHANNEL.

Up to 8 individual transmitter/receiver systems may be used simultaniously in the same venue. It is possible to operate up to 20 systems simultaneously.

Appendix C Rack-Mounting SW40-RH Receivers

Rack-Mounting Receivers

The supplied mounting hardware allows a receiver to be mounted in any standard 19" audio equipment rack.



Appendix D

Tips for Improving System Performance

- Maintain a line of sight between transmitter and antenna.
- Avoid placing the receiver near metal surfaces or any digital equipment (CD players, computers, etc.)
- Secure the AC adapter cable to the receiver using the cable retainer loop
- If rack-mounting the receiver, front-mount the antennas by using the extension cables and connectors.

Troubleshooting

Issue	Indicator Status	Solution
No sound or faint sound	Transmitter power light off	 Turn transmitter on Make sure the +/- indicators on battery match the transmitter terminals Insert a fresh battery
	Receiver LCD off	 Make sure AC adapter is securely plugged into electrical outlet and into DC input connector on rear panel of receiver Make sure AC electrical outlet works and is supplying proper voltage
	Receiver display indicates antenna activity	 Press mute switch on transmitter Turn up receiver volume control Increase transmitter gain switch setting Check cable connection between receiver and amplifier or mixer
	Receiver display indicates no antenna activity; transmitter and receiver power lights glowing	 Extend receiver antennas vertically Move receiver away from metal objects Check for line of sight between transmitter and receiver Move transmitter closer to receiver Check that receiver and transmitter are using the same frequency
	Transmitter power light glowing or flashing red	Replace transmitter batteries
	INCOMPATIBLE warning on transmitter	• The INCOMPATIBLE warning indicates that the receiver and transmitter are set to incompatible frequency bands. Contact your retailer for assistance.
Distortion or unwanted noise bursts	Receiver display indicates antenna activity	 Remove nearby sources of RF interference (CD players, computers, digital effects, in-ear monitor systems, etc.) Change receiver and transmitter to a different frequency Reduce transmitter gain Replace transmitter battery If using multiple systems, increase the frequency spread between systems
Distortion level increases gradually	Transmitter power light glowing or flashing red	Replace transmitter batteries
Sound level different from cabled guitar or microphone, or when using different guitars		 Adjust transmitter gain and receiver volume as necessary
FULL warning displays on receiver		 The FULL warning indicates that all available channels in the currently selected group are in use. When this occurs, reprogram all systems to an alternate group.
Cannot turn transmitter off	Transmitter light flashing red	Replace transmitter batteries

Appendix E Specifications

SW40 Receiver

Operating Range Under Typical Conditions 100m (300 ft) Note: actual range depends on RF signal absorption, reflection, and interference Audio Frequency Response (+/- 2 dB) Maximum: 20 kHz Minimum: 50 Hz (Overall system frequency depends on microphone element.) Total Harmonic Distortion (ref. +/- 30 kHz deviation, 400Hz tone) 0.5%, typical Dynamic Range >100 dB A-weighted **Operating Temperature Range** -18°C (0~F) to +57°C (+135°F) Note: battery characteristics may limit this range Dimensions SW40-R4: 44 mm H x 420 mm W x 207 mm D SW40-RH: 41 mm H x 205 mm W x 158 mm D Weight 960 g Housing Galvanized steel Audio Output Level(ref.+/- 30kHz deviation with 400Hz tone) XLR connector (into 600 Q load): -30dBV 1/4 inch connector (into 3000 Q load):-9dBV **Output Impedance** XLR connector: 200 1/4 inch connector: 1k XLR output Impedance balanced Pin 1: Ground (cable shield) Pin 2: Audio Pin 3: No Audio Sensitivity -105 dBm for 12 dB SINAD, typical Image Rejection >70 dB, typical **Power Requirements** 22V dc at 400mA, supplied by external power supply

SW40-H Handheld Transmitter

RF Transmitter Output 30 mW maximum (dependent on applicable country regulations) Dimensions (including EM-I1S cartridge) 270 mm x 52 mm dia. Weight 250 g without batteries Housing Metal case with handeling-noise suppression and soft touch, non slip finish Power Requirements 2 "AA" size alkaline or rechargeable batteries Battery Life >8 hours (alkaline)

SW45-T Beltpack Transmitter

Gain Adjustment Range 30 dB Input Impedance 500 K **RF** Transmitter Output 30 mW maximum (dependent on applicable country regulations) Dimensions 97 mm H x 66 mm W x 20 min D Weight 105 g without batteries Housing Molded ABS case **Power Requirements** 2"AA' size alkaline or rechargeable batteries Battery Life >8 hours (alkaline)

CAUTION!

EXPOSURE TO EXTREMELY HIGH NOISE LEVELS MAY CAUSE A PERMANENT HEARING LOSS. INDIVIDUALS VARY CONSIDERABLY IN SUSCEPTIBILITY TO NOISE INDUCED HEARING LOSS, BUT NEARLY EVERYONE WILL LOSE SOME HEARING IF EXPOSED TO SUFFICIENTLY INTENSE NOISE FOR A SUFFICIENT TIME. THE U.S. GOVERNMENT'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) HAS SPECIFIED THE FOLLOWING PERMISSIBLE NOISE LEVEL EXPOSURES:

DURATION/DAY IN HOURS SLOW RESPONSE	SOUND LEVEL IN dBA	DURATION/DAY IN HOURS SLOW RESPONSE	SOUND LEVEL IN dBA
8	90	2	100
6	92	1-1½	102
4	95	1	105
3	97	1/2	110

ACCORDING TO OSHA, ANY EXPOSURE IN EXCESS OF THE ABOVE PERMISSIBLE LIMITS COULD RESULT IN HEARING LOSS. EAR PLUGS OR PROTECTORS IN THE EAR CANALS OR OVER THE EARS MUST BE WORN WHEN OPERATING THIS DEVICE IN ORDER TO PREVENT A PERMANENT HEARING LOSS, IF EXPOSURE IS IN EXCESS OF THE LIMITS AS SET FORTH ABOVE. TO ENSURE AGAINST POTENTIALLY DANGEROUS EXPOSURE TO HIGH SOUND PRESSURE LEVELS, IT IS RECOMMENDED THAT ALL PERSONS EXPOSED TO EQUIPMENT CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS SUCH AS THIS DEVICE BE PRO-TECTED BY HEARING PROTECTORS WHILE THIS UNIT IS IN OPERATION.

FBX and FBX Feedback Exterminator[®] are registered trademarks of Sabine, Inc., and are the brand names of its line of automatic feedback controllers. Covered by U.S. Patent No. 5,245,665, Australian Patent No. 653,736, Canadian Patent No. 2,066,624-2, German Patent No. 69118486.0, and U.K. Patent No. 0486679. Other patents pending. True Mobility[®] is a trademark of Sabine, Inc. Copyright 2004 Sabine, Inc. All rights reserved.

THIS LIMITED WARRANTY VALID ONLY WHEN PURCHASED AND REGISTERED IN THE UNITED STATES OR CANADA. ALL EXPORTED PRODUCTS ARE SUBJECT TO WARRANTY AND SERVICES TO BE SPECIFIED AND PROVIDED BY THE AUTHORIZED DISTRIBUTOR FOR EACH COUNTRY.

Ces clauses de garantie ne sont vaiables qu'aux Etats-Unis et au Canada. Dans tous les autres pays, les clauses de garantie et de maintenance sont fixees par le distributeur national et assuree par lui selon la legislation en vigueur.

Diese Garantie ist nur in den USA and Kanada gultig. Alle Export-Produkte sind der Garantie und dem Service des Importeurs des jewelligen Landes untervorfen.

Esta garantia es valida solamente cuando el producto es comprado en E.U. continentales o en Canada. Todos los productos que sean comprados en el extranjero, estan sujetos a las garantias y servicio que cada distribuidor autorizado determine y otrezca en los diferentes países.

ONE-YEAR LIMITED WARRANTY/REMEDY

SABINE, INC. ("SABINE") warrants this product to be free from defects in material and workmanship for a period of one (1) year from date of purchase PROVIDED, however, that this limited warranty is extended only to the original retail purchaser and is subject to the conditions, exclusions and limitations hereinafter set forth:

CONDITIONS, EXCLUSIONS AND LIMITATIONS OF LIMITED WARRANTIES

- 1. These limited warranties shall be void and of no effect if:
 - a. The first purchase of the product is for the purpose of resale; or
 b. The original retail purchase is not made from an AUTHORIZED SABINE DEALER; or

c. The product has been damaged by accident or unreasonable use, neglect, improper service or maintenance, or other causes not arising out of defects in material or workmanship; or

d. The serial number affixed to the product is altered, defaced or removed; or

e. The power supply grounding pin is removed or otherwise defeated. In the event of a defect in material and/or workmanship covered by this limited warranty, Sabine will repair the defect in material or workmanship or replace the product, at Sabine's option; and provided, however, that, in any case, all costs of shipping, if necessary, are paid by you, the purchaser.

2. NiMH batteries included with the original purchase are warranted for ninety (90) days from date of purchase.

THE WARRANTY IS NOT VALID UNLESS REGISTERED ONLINE (www. sabine.com) AND RECIEVED BY SABINE WITHIN FOURTEEN (14) DAYS FROM THE DATE OF YOUR PURCHASE.

- In order to obtain service under these warranties, you must:
- a. Bring the defective item to any Authorized SABINE DEALER and present the ORIGINAL PROOF OF PURCHASE supplied to you by the AUTHORIZED SABINE DEALER in connection with your purchase from

them of this product. If the DEALER is unable to provide the necessary warranty service, you will be directed to the nearest other SABINE AUTHORIZED DEALER which can provide such service. OR:

b. Ship the defective item, prepaid, to:

SABINE, INC. 13301 NW US HIGHWAY 441 ALACHUA, FL 32615-8544

Include therewith a complete, detailed description of the problem, together with a legible copy of the original PROOF OF PURCHASE and a complete return address. Upon Sabine's receipt of these items:

If the defect is remedial under the limited warranties and the other terms and conditions expressed have been complied with, Sabine will provide the necessary warranty service to repair or replace the product and will return it, FREIGHT COLLECT, to you, the purchaser.

Sabine's liability to the purchaser for damages from any cause whatsoever and regardless of the form of action, including negligence, is limited to the actual damages up to the greater of \$500.00 or an amount equal to the purchase price of the product that caused the damage or that is the subject of or is directly related to the cause of action. Such purchase price will be that in effect for the specific product when the cause of action arose. This limitation of liability will not apply to claims for personal injury or damage to real property or tangible personal property allegedly caused by Sabine's negligence. Sabine does not assume liability for personal injury or property damage arising out of or caused by a non-Sabine alteration or attachment, nor does Sabine assume any responsibility for damage to interconnected non-Sabine equipment that may result from the normal functioning and maintenance of the Sabine equipment.

UNDER NO CIRCUMSTANCES WILL SABINE BE LIABLE FOR ANY LOST PROFITS, LOST SAVINGS, ANY INCIDENTAL DAMAGES OR ANY CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, EVEN IF SABINE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

THESE LIMITED WARRANTIES ARE IN LIEU OF ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MER-CHANTABILITY AND FITNESS FOR A PARTICULAR USE; PROVIDED, HOWEVER, THAT IF THE OTHER TERMS AND CONDITIONS NECESSARY TO THE EXISTENCE OF THE EXPRESS LIMITED WARRANTIES, AS HEREINABOVE STATED, HAVE BEEN COMPLIED WITH, IMPLIED WARRANTIES ARE NOT DISCLAIMED DURING THE APPLICABLE ONE-YEAR PERIOD FROM DATE OF PURCHASE OF THIS PRODUCT.

SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THESE LIMITED WARRANTIES GIVE YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

THESE LIMITED WARRANTIES ARE THE ONLY EXPRESS WARRANTIES ON THIS PROD-UCT, AND NO OTHER STATEMENT, REPRESENTATION, WARRANTY OR AGREEMENT BY ANY PERSON SHALL BE VALID OR BINDING UPON SABINE.

In the event of any modification or disclaimer of express or implied warranties, or any limitation of remedies, contained herein conflicts with applicable law, then such modification, disclaimer or limitation, as the case may be, shall be deemed to be modified to the extent necessary to comply with such law.

Your remedies for breach of these warranties are limited to those remedies provided herein, and Sabine gives this limited warranty only with respect to equipment purchased in the United States of America.

INSTRUCTIONS-WARRANTY REGISTRATION:

- 1. Register online at www.Sabine.com
 - a. Keep the PROOF OF PURCHASE. In the event warranty service is required during the warranty period, you will need this document. There will be no identification card issued by Sabine, Inc.
- 2. IMPORTANCE OF WARRANTY REGISTRATION AND NOTIFICATION OF CHANGES OF EMAIL ADDRESS:
 - a. Completion of WARRANTY REGISTRATION Should notification become necessary for any condition that may require correction, the ONLINE REGISTRATION will help ensure that you are contacted and properly notified.
 - b. Notice of email address changes If you change email address shown on the WARRANTY REGISTRATION, you should notify Sabine of the change so as to facilitate your receipt of any bulletins or other forms of notification which may become necessary in connection with any condition that may require dissemination of information or correction.
- 3. You may contact Sabine directly by telephoning (386) 418-2000.
- 4. Please have the Sabine product name and serial number available when communicating with Sabine Customer Service.

Manufactured by: Sabine, Inc.

13301 NW US Highway 441 Alachua, Florida 32615-8544 USA Phone: +USA (386) 418-2000 Fax: +USA (386) 418-2001

Sabine,

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NOTES:



Sabine, Inc. 13301 NW US Highway 441 Alachua, Florida 32615-8544 USA Phone: (386) 418-2000 Fax: (386) 418-2001 www.Sabine.com

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