

# 4-Channel Voice Receiver

STI-V34104



## **EASY STARTUP:**

Install batteries in sensor, plug in receiver and listen to instructions.

## **HOW THE PRODUCT WORKS:**

The 4-Channel Voice Receiver is a multipurpose long-range receiver that works with a wide range of STI Wireless Alert Series sensors. Most products can achieve up to 1,000' receiver range (line of site). Four zone indicators light up to indicate a sensor has triggered. Selectable tones and voice messages are a key feature. Sensors have default messages or program your own by choosing up to four words or tones from a preprogrammed list. All voice messages are available in English or Spanish. Receiver is intended for indoor use only.

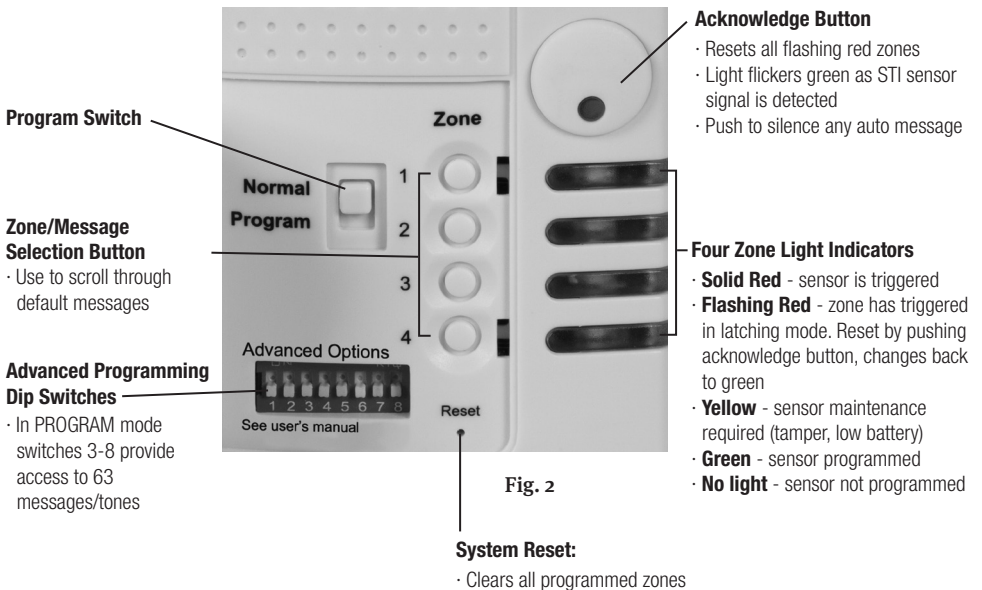
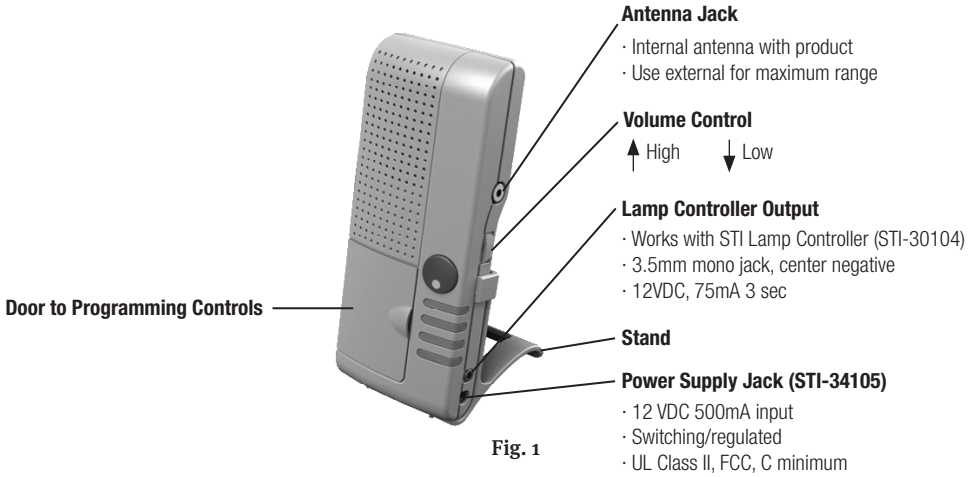


**Safety Technology  
International, Inc.**

*We protect the things that protect you.*

## BEFORE YOU START:

Review detailed product specifications (Fig. 1 and 2)



## ZONE PROGRAMMING PROCEDURES: \_\_\_\_\_

Only receives wireless signals from the *STI Wireless Alert Series* products. Program up to 4 sensors or keyfobs. Does not allow programming into an **occupied** zone. Cannot program the **same sensor** into more than one zone. The unit will state, "Please change to normal mode if programming is completed." (Repeats every 60 seconds.) Default language is English. Move dip switch 1 to the "on" (up) position for Spanish.

## MODES OF OPERATION: \_\_\_\_\_

Set at time of programming by zone

### Zone Latching: Dip Switch #2 'OFF'

When sensor is triggered, red zone light is solid. "Latching" let's you know a zone was triggered, but the alert has cleared (flashing red LED). To reset, push the acknowledge button.

### Zone Auto Restore: Dip Switch #2 'ON'

"Auto-Restore" sounds when a zone has been triggered. Zone automatically restores to solid green light without pressing acknowledge button.

## Dip Switch Functions:

DIP SWITCH	NORMAL MODE		PROGRAM MODE	
	OFF (DOWN)	ON (UP)	OFF (DOWN)	ON (UP)
1	—		ENGLISH*	SPANISH
2	—		LATCHING*	AUTO RESTORE
3	PRE-ALERT TONE*	NO TONE	TONE/WORD SELECT	
4	—		TONE/WORD SELECT	
5	—		TONE/WORD SELECT	
6	—		TONE/WORD SELECT	
7	—		TONE/WORD SELECT	
8	—		TONE/WORD SELECT	

**\*Default Mode**

CHART 1

## PROGRAMMING:

1. Plug in receiver.
2. Listen to verbal voice commands. They will guide you through programming.

### Notes:

- Firmly press acknowledge button at any time to stop voice.
- Make sure battery is installed in sensor.
- Each sensor provides an initial sound (DONG).  
(See CHART 2 below)
- Each zone button, with programmed sensor, scrolls through default messages using the zone/message selection button.
- Accept tone/message selected by moving switch to NORMAL mode. These can be changed at any time by moving the switch to PROGRAM and pushing the zone/message selection button.

## SCROLLING MESSAGE/TONES - Default messages by sensor type:

Wireless Stopper® Station Shield, Wireless Exit Stopper® and Wireless Fire Extinguisher Theft Stopper® will need to use Advanced Programming message codes.

Universal Garage Sentry Mailbox Alert	Doorbell Button	Driveway Monitor	Pool/Entrance Alert	Indoor and Outdoor PIR
Mailbox	Call	Front Driveway	Pool Door	Motion Front
Door	Alert	Side Driveway	Pool Gate	Motion Side
Gate	Assistance	Rear Driveway	No Sound*	Motion Rear
Window	Service	No Sound*	Ding	Motion Driveway
Cover	Door	Ding	Ding Dong	Motion Upstairs
Garage Sentry	Customer	Ding Dong	Dong	Motion Downstairs
Temperature	No Sound*	Dong	4-Note Chime	Customer
Sump Pump	Ding	4-Note Chime	8-Note Chime	No Sound*
Freezer	Ding Dong	8-Note Chime	Knock	Ding
Refrigerator	Dong	Knock	Jingle Bells	Ding Dong
Water Level	4-Note Chime	Jingle Bells	Dogs Barking	Dong
No Sound*	8-Note Chime	Dogs Barking	Bell	4-Note Chime
Ding	Knock	Bell	Buzzer	8-Note Chime
Ding Dong	Jingle Bells	Buzzer		Knock
Dong	Dogs Barking			Jingle Bells
4-Note Chime	Bell			Dogs Barking
8-Note Chime	Buzzer			Bell
Knock				Buzzer
Jingle Bells				
Dogs Barking				
Bells				
Buzzer				

\*Zone light indicator still operates

CHART 2

# ADVANCED PROGRAMMING FOR ALREADY PROGRAMMED SENSORS: (DIP SWITCH 3-8)

Dip Switches 3-8 provide access to all 63 messages/tones which can be assigned to any zone. Up to 4 messages/tones can be combined to create a custom message. See page 6, CHART 3, for Advanced Dip Switch Message Codes.

## ADVANCED PROGRAMMING:

1. Make sure switch is in PROGRAM mode
2. Press zone/message selection button intended for sensor advanced programming
3. Move Dip Switches to correct position for selected word
4. Press zone/message selection button to accept word (repeat for up to four words/tones)

**⚠ CAUTION – while selecting custom message do not position all Dip Switches back into OFF (down) position. This will reset your entire message!**

5. Move switch to NORMAL mode when complete
6. Test/trigger sensor

**Note:** If you make a mistake while programming zone custom message, press acknowledge button to revert to previous message then begin again.

## Example of Advanced Programming Message:

“(Ding Dong) Customer Service Alert” Four Step Programming

### VIEW DIP SWITCH CONTROLS

#### STEP 1

	0	0	0	0	1	0	Message Code
MESSAGE:							ON (UP)
DING DONG							OFF (DOWN)
	3	4	5	6	7	8	Dip Switch

Press Zone/Message Selection Button

#### STEP 2

	0	1	1	1	1	0	Message Code
MESSAGE:							ON (UP)
CUSTOMER							OFF (DOWN)
	3	4	5	6	7	8	Dip Switch

Press Zone/Message Selection Button

#### STEP 3

	0	1	1	1	1	1	Message Code
MESSAGE:							ON (UP)
SERVICE							OFF (DOWN)
	3	4	5	6	7	8	Dip Switch

Press Zone/Message Selection Button

#### STEP 4

	0	1	1	0	1	0	Message Code
MESSAGE:							ON (UP)
ALERT							OFF (DOWN)
	3	4	5	6	7	8	Dip Switch

Press Zone/Message Selection Button

### CREATE YOUR OWN CUSTOM MESSAGE

MESSAGE CODE

MESSAGE

---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---

MESSAGE CODE

MESSAGE

---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---

MESSAGE CODE

MESSAGE

---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---

MESSAGE CODE

MESSAGE

---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---

# ADVANCED DIP SWITCH MESSAGE CODES:

ALPHABETICAL (ENGLISH)								
DIP SWITCH			LANGUAGE					
3	4	5	6	7	8	English	Spanish	
0	0	0	1	0	0	4-NOTE CHIME	CARILLON DE 4 NOTAS	
0	0	0	1	0	1	8-NOTE CHIME	CARILLON DE 8 NOTAS	
0	1	1	0	1	0	ALERT	ALERTA	
0	1	1	0	1	0	ASSISTANCE	ASISTENCIA	
1	1	0	0	0	1	BARN	GRANERO	
1	0	1	0	1	1	BASEMENT	SOTANO	
0	0	1	0	0	1	BELL	CAMPANA	
1	1	0	1	1	1	BUTTON	BOTON	
0	0	1	0	1	0	BUZZER	ZUMBADOR	
0	1	0	0	1	1	CABINET	GABINETE	
0	1	1	0	0	1	CALL	LLAMADA	
1	1	0	1	0	1	CLOSE	CERRAR	
1	0	0	0	0	0	COVER	CUBIERTA	
0	1	1	1	1	0	CUSTOMER	CLIENTE	
1	0	1	1	1	0	DECK	TERRAZA	
0	0	0	0	0	1	DING	TIMBRE (DIN)	
0	0	0	0	1	0	DING-DONG	DIN-DON	
1	0	0	0	1	1	DOCK	MUELLE	
0	0	1	0	0	0	DOGS	PERROS	
0	0	0	0	1	1	DONG	TIMBRE (DON)	
0	0	1	1	1	0	DOOR	PUERTA	
1	0	1	0	1	0	DOWNSTAIRS	ABAJO	
0	1	0	0	0	1	DRIVEWAY	ENTRADA	
0	1	1	0	0	0	EMERGENCY	EMERGENCIA	
0	1	0	1	1	1	EXIT	SALIDA	
0	1	0	1	1	0	EXTINGUISHER	EXTINTOR DE INCENDIOS	
1	1	1	1	1	1	FOUR	CUATRO	
1	0	0	1	1	0	FREEZER	CONGELADOR	
0	0	1	0	1	1	FRONT	FRENTE	
1	0	1	1	0	1	GARAGE	GAREJE	
0	0	1	1	1	1	GATE	ENTRADA	
1	1	0	0	1	1	GUN	PISTOL	
1	1	0	0	0	0	HALL	EL PASILLO	
0	0	0	1	1	1	JINGLE BELLS	CASCABEL	
0	1	1	1	0	0	KEYFOB	LLAVERO	
1	0	1	1	0	0	KITCHEN	COCINA	
0	0	0	1	1	0	KNOCK	LLAMADA A LA PUERTA	
1	1	1	0	0	0	LIQUOR	LICOR	
0	1	0	0	1	0	MAILBOX	BUZON DE CORREO	
1	1	0	0	1	0	MEDICINE	MEDICINA	
0	1	0	1	0	1	MONITOR	MONITOR	
1	1	1	0	0	1	MOTION	MOVIMIENTO	
1	1	1	1	0	0	ONE	UNO	
1	1	0	1	0	0	OPEN	ABIERTA	
1	0	1	1	1	1	PATIO	PATIO	
1	0	0	0	1	0	POOL	PISCINA	
1	1	1	0	1	1	PRE-ALERT	PRE-AVISO	
1	1	1	0	1	0	PROTECTIVE COVER	CUBIERTA PROTECTORA	
0	0	1	1	0	1	REAR	TRASERA	
1	0	0	1	1	1	REFRIGERATOR	REFRIGERADOR	
0	1	0	1	0	0	SAFE	CAJA FUERTE	
0	1	1	1	1	1	SERVICE	SERVICIO	
1	0	0	1	1	1	SHED	COBERTIZO	
0	0	1	1	0	0	SIDE	LADO	
1	0	0	1	0	1	SUMP PUMP	POZO DE BOMBEO	
1	0	0	1	0	0	TEMPERATURE	LA TERMPERATURE	
0	1	1	0	1	1	THEFT	ROBO	
1	1	1	1	1	0	THREE	TRES	
1	1	0	1	1	0	TROUBLE	PROBLEMAS	
1	1	1	1	0	1	TWO	DOS	
1	0	1	0	0	1	UPSTAIRS	ARRIBA	
1	0	1	0	0	0	WATER LEVEL	NIVEL DEL AGUA	
0	1	0	0	0	0	WINDOW	VENTANA	

GROUPINGS								
DIP SWITCH			LANGUAGE					
3	4	5	6	7	8	English	Spanish	GROUP
0	0	0	1	0	0	4-NOTE CHIME	CARILLON DE 4 NOTAS	
0	0	0	1	0	1	8-NOTE CHIME	CARILLON DE 8 NOTAS	
0	0	1	0	0	1	BELL	CAMPANA	TONES TONOS
0	0	1	0	1	0	BUZZER	ZUMBADOR	
0	0	0	0	0	1	DING	TIMBRE (DIN)	
0	0	0	0	1	0	DING-DONG	DIN-DON	
0	0	1	0	0	0	DOGS	PERROS	
0	0	0	0	1	1	DONG	TIMBRE (DON)	
0	0	0	1	1	1	JINGLE BELLS	CASCABEL	
0	0	0	1	1	0	KNOCK	LLAMADA A LA PUERTA	
1	1	0	0	0	1	BARN	GRANERO	
1	0	1	0	1	1	BASEMENT	SOTANO	
1	0	1	1	0	0	DECK	TERRAZA	
0	1	0	0	0	1	DRIVEWAY	ENTRADA	
1	0	0	0	0	1	DOCK	MUELLE	
1	0	1	0	1	0	DOWNSTAIRS	ABAJO	
0	0	1	0	1	1	FRONT	FRENTE	
1	0	1	1	0	1	GARAGE	GAREJE	
1	1	0	0	0	0	HALL	EL PASILLO	
1	0	1	1	0	0	KITCHEN	COCINA	
1	0	1	1	1	1	PATIO	PATIO	
1	0	0	1	0	1	POOL	PISCINA	
0	0	1	1	0	1	REAR	TRASERA	
1	0	0	1	1	1	SHED	COBERTIZO	
0	0	1	1	0	0	SIDE	LADO	
1	0	1	0	0	1	UPSTAIRS	ARRIBA	
0	1	1	0	1	1	ALERT	ALERTA	
0	1	1	0	1	0	ASSISTANCE	ASISTENCIA	
0	1	1	0	1	0	CALL	LLAMADA	
1	1	0	0	1	1	CLOSE	CERRAR	
0	1	1	1	1	0	CUSTOMER	CLIENTE	
0	1	1	0	0	1	EMERGENCY	EMERGENCIA	
0	1	0	1	1	1	EXIT	SALIDA	
0	1	0	1	1	0	EXTINGUISHER	EXTINTOR DE INCENDIOS	
0	1	0	1	0	1	MONITOR	MONITOR	
1	1	1	0	0	1	MOTION	MOVIMIENTO	
1	1	0	1	0	0	OPEN	ABIERTA	
1	1	1	0	1	1	PRE-ALERT	PRE-AVISO	
0	1	1	1	1	1	SERVICE	SERVICIO	
1	0	0	1	0	0	TEMPERATURE	LA TEMPERATURE	
0	1	1	0	1	1	THEFT	ROBO	
1	1	0	1	1	0	TROUBLE	PROBLEMAS	
1	0	1	0	0	0	WATER LEVEL	NIVEL DEL AGUA	
1	1	0	1	1	1	BUTTON	BOTON	
0	1	0	0	1	1	CABINET	GABINETE	
1	0	0	0	0	0	COVER	CUBIERTA	
0	0	1	1	1	0	DOOR	PUERTA	
1	0	0	1	1	0	FREEZER	CONGELADOR	
0	0	1	1	1	1	GATE	ENTRADA	
1	1	0	0	1	1	GUN	PISTOL	
0	1	1	1	0	0	KEYFOB	LLAVERO	
1	1	1	0	0	0	LIQUOR	LICOR	
0	1	0	1	0	1	MAILBOX	BUZON DE CORREO	
1	1	0	1	0	0	MEDICINE	MEDICINA	
1	1	1	0	1	0	PROTECTIVE COVER	CUBIERTA PROTECTORA	
1	0	0	1	1	1	REFRIGERATOR	REFRIGERADOR	
0	1	0	1	0	0	SAFE	CAJA FUERTE	
1	0	0	1	0	1	SUMP PUMP	POZO DE BOMBEO	
0	1	0	0	0	0	WINDOW	VENTANA	
1	1	1	1	0	0	ONE	UNO	
1	1	1	1	0	1	TWO	DOS	
1	1	1	1	1	0	THREE	TRES	
1	1	1	1	1	1	FOUR	CUATRO	

CHART 3

## **DELETE SENSOR:**

---

1. In PROGRAM mode simultaneously press and hold the acknowledge button and zone/message selection button for three seconds.
2. Successful when receiver states, "Zone [number] is empty," and green LED is off.

## **LOW BATTERY / TAMPER / OUT OF RANGE ALERT:**

---

The 4-Zone LED light indicator will turn yellow when maintenance is required on your sensor (example: low battery or tampering with a sensor). The LED will remain on until the trouble condition is cleared and a transmission is received. When replacing the battery in a sensor, you will not need to reprogram into the receiver.

## **OPTIONAL LAMP CONTROLLER ACCESSORY:**

---

The Lamp Controller (STI-30104) plugs into the receiver output jack and will turn on a lamp any time your sensor is triggered.

## **MOUNTING OPTIONS:**

---

The receiver can be mounted on a wall or set on a table with the provided stand.

## **WARRANTY INFORMATION:**

---

Safety Technology International, Inc. warrants to the **original** consumer/purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for a period of one (1) year from the original date of purchase.

## IMPORTANT NOTICE:

This product has been tested and complies with the specifications 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 according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which is found 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 devices.
- Connect the equipment to an outlet other than the receiver's.
- Consult a dealer or an experienced radio/TV technician for assistance.

Operation is subject to the following two conditions: (1) this device may cause interference, and (2) this device must accept interference, including interference that may cause undesired operation of the device. Changes or modifications not expressly approved by Safety Technology International, Inc. could void your authority to operate this equipment.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

This product meets the applicable industry Canada Technical specifications.

Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

Model: V34104 FCC ID: TXLV34104 IC: 6335A-V34104

This device is a wireless receiver intended for home and office use in all EU and EFTA member states.

## TECHNICAL SUPPORT:

Contact STI at 800-888-4784

## ADDITIONAL WIRELESS ALERT SERIES PRODUCTS:

<b>STI-34099</b>	Single Channel Slave Receiver	<b>STI-6200WIR</b>	Wireless Fire Extinguisher Theft Stopper
<b>STI-34104</b>	4-Channel Receiver	<b>STI-6200WIR4</b>	Wireless Fire Extinguisher Theft Stopper w/Receiver
<b>STI-V34104</b>	4-Channel Voice Receiver	<b>STI-6400WIR</b>	Wireless Exit Stopper Door Alarm
<b>STI-34108</b>	8-Channel Receiver	<b>STI-6400WIR4</b>	Wireless Exit Stopper Door Alarm with Receiver
<b>STI-34101</b>	Solar Powered Driveway Monitor Sensor	<b>STI-6517A</b>	Stopper Station Shield with Sound
<b>STI-34151</b>	Battery Powered Driveway Monitor Sensor	<b>STI-6517B</b>	Stopper Station Shield with Sound and Transmitter
<b>STI-34201</b>	Wireless Mailbox Alert Sensor	<b>STI-30104</b>	Lamp Controller
<b>STI-34301</b>	Wireless Garage Sentry Sensor	<b>STI-30105</b>	Extended Antenna
<b>STI-34401</b>	Wireless Universal Alert Sensor	<b>STI-34105</b>	Voltamax 12VDC (500mA) Power Supply
<b>STI-34501</b>	Wireless Pool Alert Sensor	<b>STI-34106</b>	Keypob
<b>STI-34601</b>	Wireless Doorbell Button	<b>STI-34109</b>	Repeater
<b>STI-34701</b>	Indoor Wireless PIR	<b>STI-34188</b>	8-Zone Relay Board
<b>STI-34751</b>	Outdoor Wireless PIR		



### Safety Technology International, Inc.

2306 Airport Rd • Waterford, MI 48327

Phone: 248-673-9898 • Fax: 248-673-1246

info@sti-usa.com • www.sti-usa.com

### Safety Technology International (Europe) Ltd.

Unit 49G Pipers Road • Park Farm Industrial Estate • Redditch  
Worcestershire • B98 0HU • England • Tel: 44 (0) 1527 520 999  
Fax: 44 (0) 1527 501 999 • Freephone: 0800 085 1678 (UK only)  
E-mail: info@sti-europe.com • Web: www.sti-europe.com

