



FEDERAL SIGNAL

Advancing security and well-being.

Did you know?

-A Federal Signal publication

March 2009

In this issue:

SE3000 v1.6

SOFTWARE

ENCODER

NOW WITH

CLIENTS AND

I/O OPTION

FEDERAL SIGNAL
SE3000
SOFTWARE ENCODER

PA MODE	TEST	Button #3	Button #4
Button #5	Button #6	Button #7	Button #8
Button #9	Button #10	Button #11	Button #12
Button #13	Button #14	Button #15	Button #16
Button #17	Button #18	Button #19	Button #20

UnLocked
Buttons 1 - 20
Buttons 21 - 40
Buttons 41 - 60
LIVE PA PTT
SETUP
KEY CODES
HELP

#1 Listening #2 Listening #3 Listening #4 Listening #5 Listening

For customers who need either a One-Way primary or backup activation point, the **SE3000** is a software encoder that provides a simple way of activating an outdoor warning system that now features the ability to have remote activation points using the client software version. We will highlight all of the latest features of the new SE3000 v1.6 release.

Protocols include:

DTMF, EAS, Single-Tone, Two-Tone, POCSAG, Federal Digital, plays wave files and activates Relay Outputs.

New features available with the SE3000 v1.6:

Warranties on the server software and client software

License keys

Scheduled Activations

Live PA PTT

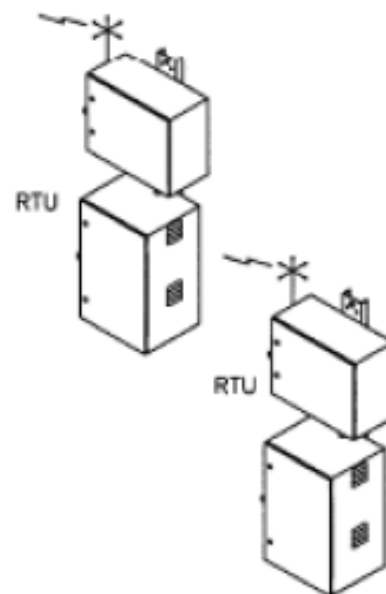
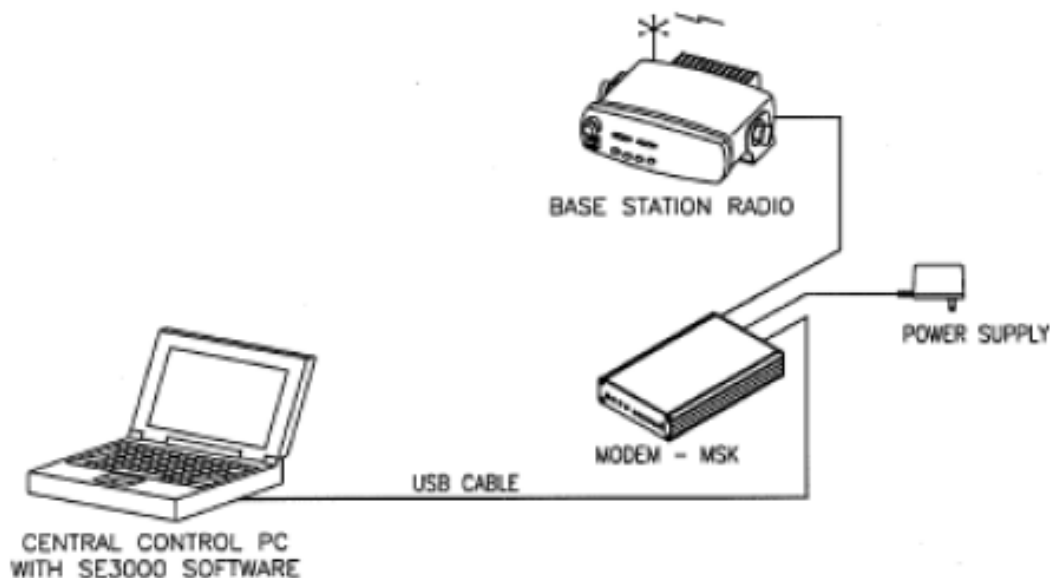
Client version option

I/O option allows you to close up to 5 relays to activate external equipment and receive up to 8 inputs to activate buttons.

Components

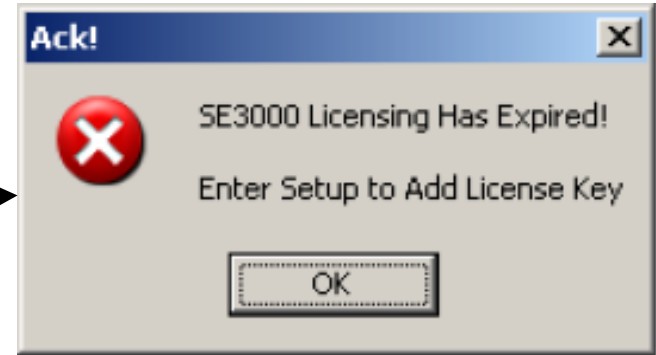
SE3000 Software
USB Cable
Modem-MSK
Power supply
Cable to CDM750 Radio

Options:
SE3000 Client Software
SE3000-IO



SE3000 Setup

You'll notice that when you first install the SE3000, it will now ask you to enter your license keys.



License types:

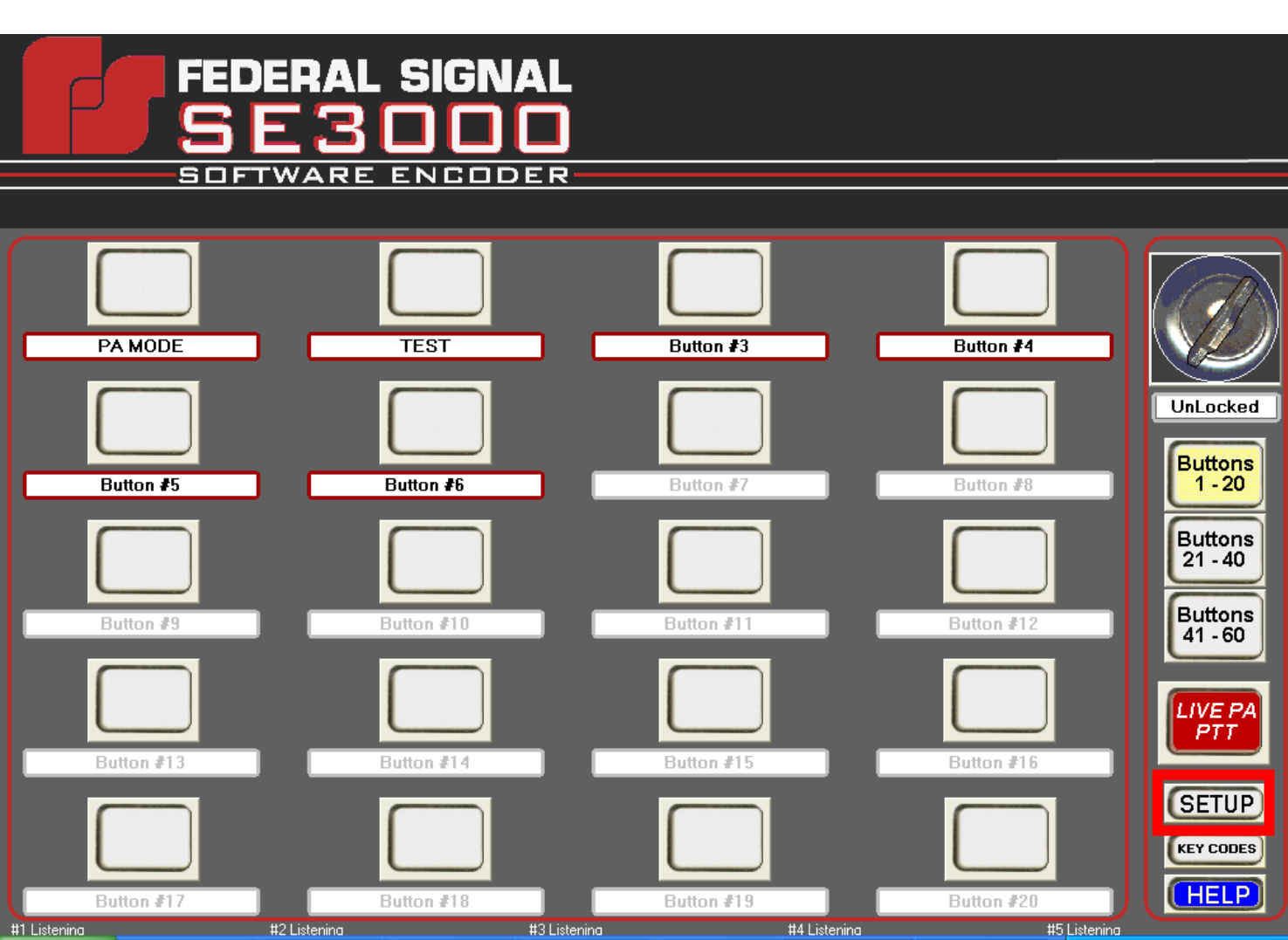
- DEMO Version
- Server Version
- Client Version
- Warranty

The licenses appear on the CD Label.



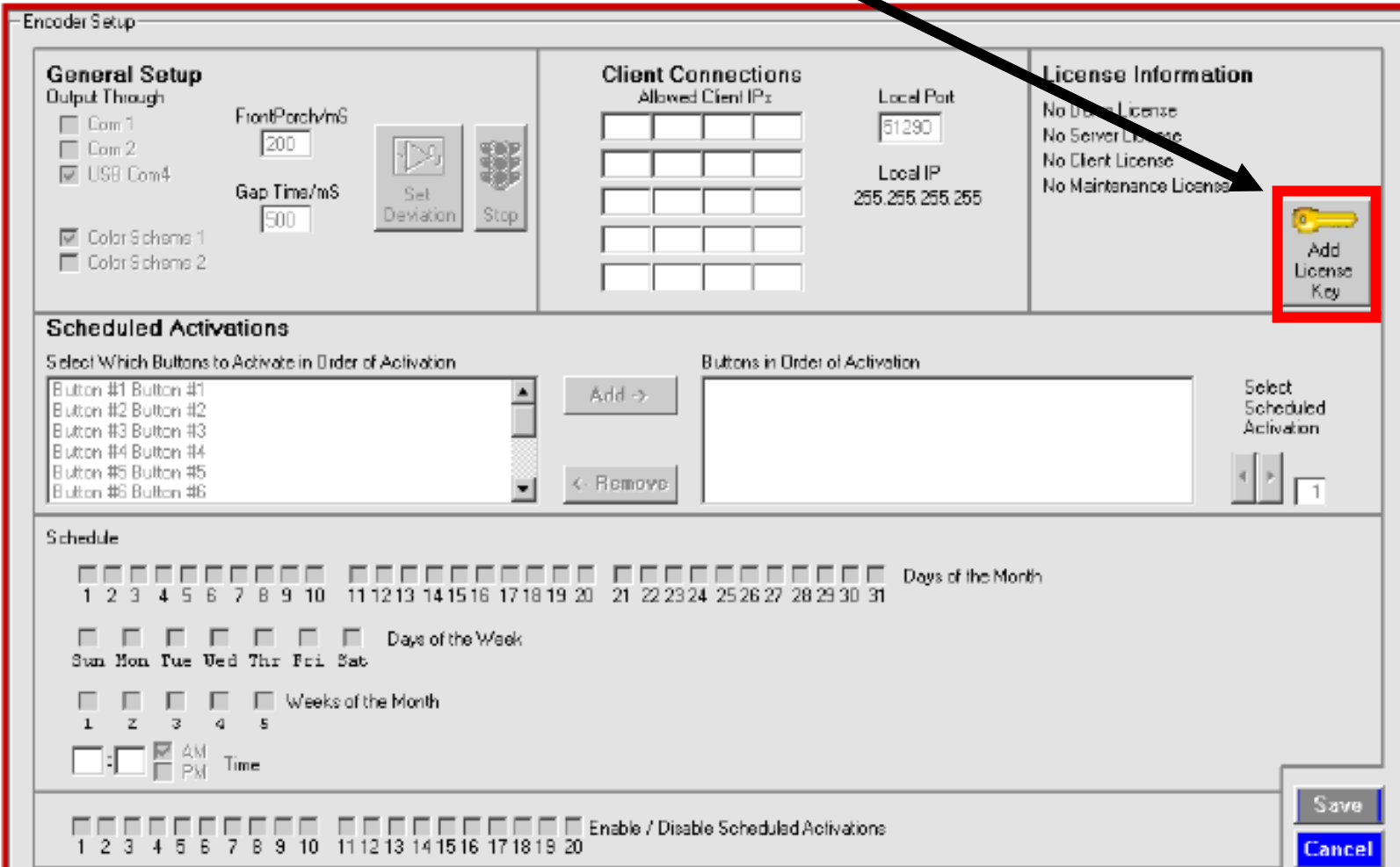
SE3000 Setup

To enter your licenses, click on the “SETUP” button.



SE3000 Setup

The “Encoder Setup” screen appears.
Click on “Add License Key”




The screenshot shows the "Encoder Setup" software interface. It is divided into several sections:

- General Setup:** Includes checkboxes for "Com 1", "Com 2", and "USB Com4". It also has input fields for "FrontPorch/mS" (set to 200) and "Gap Time/mS" (set to 500). There are "Set Deviation" and "Stop" buttons.
- Client Connections:** Features a table for "Allowed Client IPs" and input fields for "Local Port" (51290) and "Local IP" (255.255.255.255).
- License Information:** Shows status for "No User License", "No Server License", "No Client License", and "No Maintenance License". A red box highlights the "Add License Key" button, which is accompanied by a key icon.
- Scheduled Activations:** Contains a list of buttons to activate, an "Add" button, a "Buttons in Order of Activation" list, and a "Remove" button.
- Schedule:** Includes a calendar grid for "Days of the Month", "Days of the Week", and "Weeks of the Month". It also has a time selection field (AM/PM) and a row of checkboxes for "Enable / Disable Scheduled Activations".

At the bottom right, there are "Save" and "Cancel" buttons.

SE3000 Setup

Add New License Key [X]

License Key:  ADD

Summary:

Keys:

KEY	VALID UNTIL
-----	-------------

Warning: This computer program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties.

Enter the License Keys listed on the CD Label and Click “ADD”.

Scheduled Activations

Click the “SETUP” button and add the buttons in the order you want them activated and click “Add”.

Encoder Setup

General Setup

Output Through

Com 1

Com 2

USB Unplugged



SoundCard

Color Scheme 1

Color Scheme 2

FrontPorch/mS

Gap Time/mS

Set Deviation Stop

Client Connections

Allowed Client IPs

Local Port

Local IP 192.168.1.108


License Information

No Demo License

Server License Permanent

Client License Permanent

No Maintenance License

 Add License Key

Scheduled Activations

Select which Buttons to Activate in Order of Activation

Button #1 PA MODE

Button #2 Frog

Button #3 Button #3

Button #4 Button #4

Button #5 Button #5

Button #6 Button #6

Add ->



<- Remove

Buttons in Order of Activation

Button #2 Button #2

Button #4 Button #4

Select Scheduled Activation

Schedule

Days of the Month

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Days of the Week

Sun Mon Tue Wed Thr Fri Sat

Weeks of the Month

1 2 3 4 5

: AM PM Time

Enable / Disable Scheduled Activations

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Save

Cancel

Scheduled Activations

Next, select the days of the month of this activation. You can also select to have this activation occur on a particular day of the week. Select which weeks of the month this activation will occur. Select the time of the activation. Lastly, there is an option to enable or disable these activations. Make sure you save it on the bottom right.

Up to 20 scheduled activations are available. To add additional activations, click the “Select Scheduled Activation” arrow to move to the next one.

Scheduled Activations

Select Which Buttons to Activate in Order of Activation

Button #1 PA MODE
Button #2 Frog
Button #3 Button #3
Button #4 Button #4
Button #5 Button #5
Button #6 Button #6

Add ->

<- Remove

Buttons in Order of Activation

Button #2 Button #2
Button #4 Button #4

Select Scheduled Activation

Schedule

Days of the Month

Days of the Week

Weeks of the Month

Time

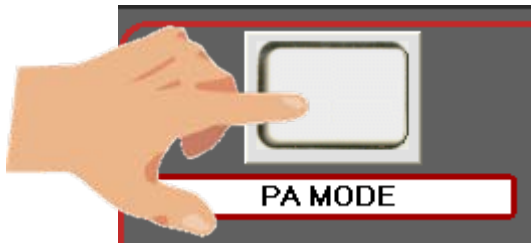
Enable / Disable Scheduled Activations

Save

Cancel

The screenshot shows a configuration window for scheduled activations. It features two columns of buttons to be activated, with 'Add ->' and '<- Remove' buttons between them. A 'Select Scheduled Activation' button with left and right arrows is highlighted with a red box and pointed to by a black arrow. Below this is a 'Schedule' section with several options: 'Days of the Month' (a row of 31 checkboxes), 'Days of the Week' (checkboxes for Sun-Sat), 'Weeks of the Month' (checkboxes for weeks 1-5), and 'Time' (a time selector set to 11:30 AM). At the bottom, there is an 'Enable / Disable Scheduled Activations' checkbox and 'Save' and 'Cancel' buttons.

Live PA PTT



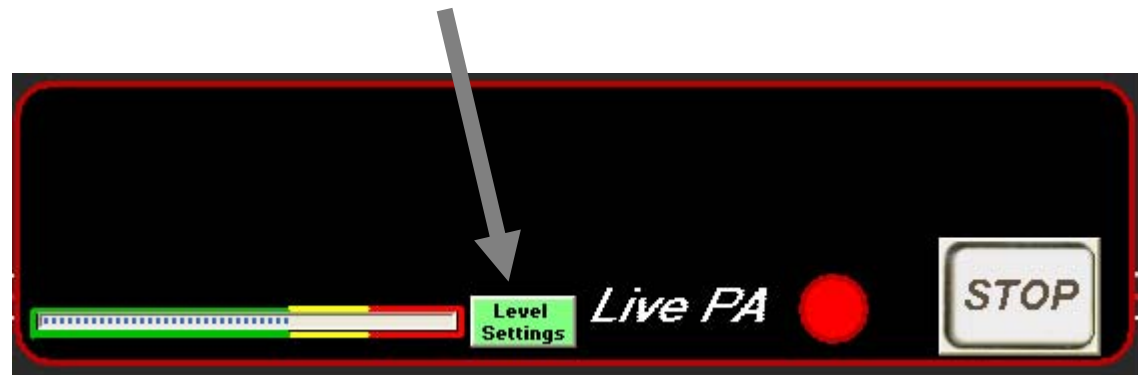
- 1 Program a button to put the siren into “Live PA” Mode. Click the button to activate.



- 2 Click the “Live PA PTT” button to send audio to the Modem-MSK and out over the transmitter.



- 3 When you speak, you will see the volume meter. You can adjust the volume by clicking on the “Level Settings” button.



SE3000 Client Version

The SE3000 Client software allows up to five seats for remote activation. The client software is essentially remote push buttons and display for the server encoder. Anything that happens at the server, such as, button activations, Live PA, etc. will be reflected in the display of the clients. All of the clients will be able to view what is taking place on the server encoder.

When started, the client will attempt to make a connection with the server on one of it's ports. After the connection is made, the client will get updates of the status of the server at regular intervals.

The screenshot shows a software interface with the following elements:

- Client Connections**: A section header.
- Allowed Client IPs**: A label above a 5x4 grid of empty input fields.
- Local Port**: A label above a text input field containing the value **51290**.
- Local IP**: A label below the Local Port field, with an empty input field.

I/O Option

The I/O Option features up to 8 inputs and 5 relay outputs. Customers can now have other systems activate the SE3000 through the inputs. They can also control equipment like lights, garage doors, etc. through the relay outputs.

The I/O Option includes hardware and software. The software must be installed prior to installing the hardware.



Federal Signal's Public Safety Systems Division is a recognized leader and innovator in the industry, we have developed our expansive product line through working closely with our customers and partners using a collaborative product development approach. Designed for interoperability of devices, high-performance and prolonged use, our products offer state-of the-art features with quality you can rely on today and tomorrow.

With manufacturing operations, engineering, manufacturing and software development underway around the globe we bring together the best products and technologies to support our customers located in more than 100 countries. With our unique global footprint we provide localized solutions to support your needs.

From networked digital video and analytics systems, to intelligence center systems, to intelligent transportation systems, to alerting and notification systems, to in-car video and data systems, and much more, Public Safety Systems from Federal Signal is helping make the world safer, commerce move quicker, and your community a more secure place every day.

For more information please visit <http://www.federalsignal.com/publicsafety> or give us a call at 1-800-548-7229. We look forward to hearing from you.