STANLEY
Security Solutions

Emergency Communication System with Fire Alarm Control Panel

SCSS-700VSEC

The SCSS-700VSEC is an intelligent addressable fire alarm control panel combined with an Emergency Communication System (ECS). When the ECS features are enabled, they are integrated with the fire alarm and voice evacuation functions of the control panel. The SCSS-700VSEC panel and accessories provide features to meet the requirements for Mass Notification Systems as described in UL 2572.

The basic SCSS-700 panel contains one built in signaling line circuit (SLC), which can support 159 LiteSpeed sensors and 159 LiteSpeed modules or per loop. Additional SLC loops can be added using the model 5815XL SLC expander to increase the overall point capacity to a maximum of 636 points per panel.

SCSS-700 has the interconnection capability for up to 8 panels. The system has two modes of operation, multiple panels covering one larger building, or multiple independent buildings.

SCSS-700 supports a variety of devices, including SCSS-700ANN remote annunciator, 5824 serial/parallel printer interface module (for event logging system reports), intelligent power module, and Fire-Lite (LiteSpeed) devices.

Features
- Can select ECS message as priority over fire.
- Support of up to 15 SCSS-700RMECs. The SCSS-700RMEC meets the requirements for an LOC.
- Programmable trigger inputs from an external source, such as a Monaco system, to either the ECS-VCM, ECS-RVM or 5880. Up to eight inputs available on the 5880 module.
- Built-in support for up to 159 LiteSpeed sensors and 159 LiteSpeed modules.
- A network setup can contain up to eight SCSS-700/VSEC connected within a networked system providing up to 5088 total points.
- All the features of the SCSS-700 Fire Alarm Control Panel combined with an Emergency Communication System.
- 15 Recordable one minute messages that can be mapped to eight ECS buttons.
- Support for up to 16 SBUS addressable amplifiers using a combination of ECS-50W, ECS-125W or ECSDUAL50W for a maximum of 2000 watts per system and up to 128 mappable speaker circuits to 64 audio switches.
- Single enclosure for both fire and emergency control system components.
- Built-in USB interface for programming.
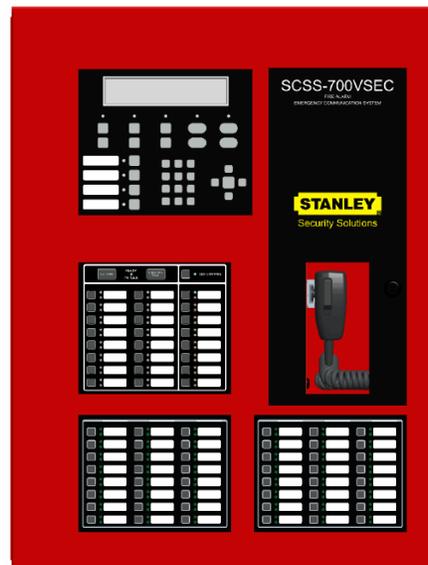- Support for dual channel and backup audio using the ECS-DUAL50W amplifier.

Agency Listings

City of NY
(pending)

(pending)

SCSS-700VSEC

- On-board supervised microphone.
- All Call and Non-Active Call buttons to quickly select all active or all the non-active output groups.
- Supports 25 Vrms or 70.7 Vrms speaker circuits using ECS-50W's and ECS-DUAL50W.
- Capable of producing 520 Hz tones to meet NFPA 72 Requirements

Installation
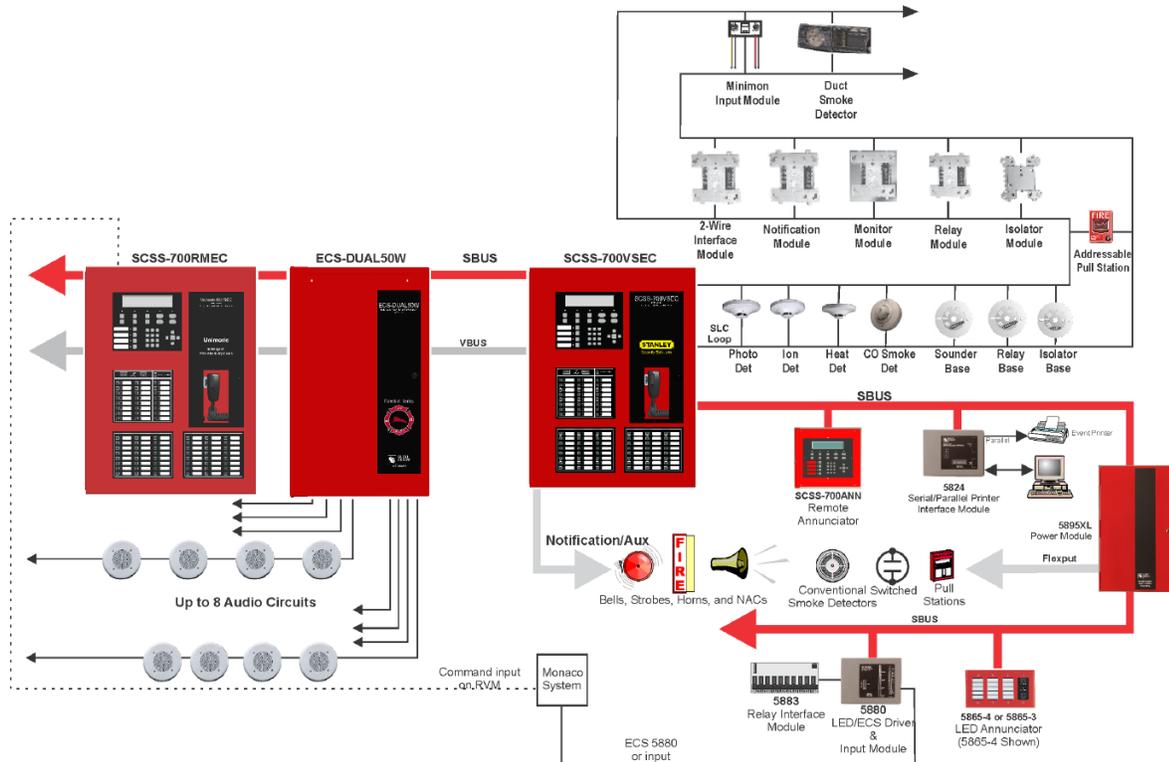The SCSS-700VSEC can be surface or flush mounted.

Compatibility
The SCSS-700VSEC is compatible with the following ECS components:

- ECS-50W, ECS-125W or ECS-DUAL-50W Amplifier
- ECS-RVM - Remote voice module
- ECS-SW24 - 24 switch expander (max 2)
- ECS-VCM - Voice Control Module (included)

Minimon Input Module
Duct Smoke Detector

2-Wire Interface Module
Notification Module
Monitor Module
Relay Module
Isolator Module

Addressable Pull Station

SCSS-700RMEC
ECS-DUAL50W
SBUS
SCSS-700VSEC

VBUS

Unimode

SLC Loop
Photo Det
Ion Det
Heat Det
CO Smoke Det
Sounder Base
Relay Base
Isolator Base

SBUS

SCSS-700ANN Remote Annunciator

5824 Serial/Parallel Printer Interface Module
Parallel
Event Printer

5895XL Power Module
Flexput

Notification/Aux
FIRE
Bells, Strobes, Horns, and NACs
Conventional Switched Smoke Detectors
Pull Stations
SBUS

Up to 8 Audio Circuits

Command input on RVM
Monaco System
ECS 5880 or input

5883 Relay Interface Module
5880 LED/ECS Driver & Input Module
5865-4 or 5865-3 LED Annunciator (5865-4 Shown)

Specifications

Physical
20.362" W x 27" H x 5.054" D

Color: Red

Weight: 28 lbs. (12.8 kg)

Flush Mount Dimensions:

14.75"W x 25"H x 4"D
(37.5cm W x 63.5cm H x 10.16cm D)

Environmental
Operating Temperature: 32ºF – 120ºF (0ºC – 49ºC)

Humidity: 10% – 93% non-condensing

Electrical
SCSS-700 AC: 120 VAC, 60 Hz, 2.5 A

Total Accessory Load: 9A @ 27.4 VDC power-limited

Standby Current: 290 mA

Alarm Current: 570 mA

Battery Charging Capacity: 17 to 55 AH

Battery Size: 18 AH max. allowed in control panel cabinet. Larger capacity batteries can be housed in RBB or AB-55 accessory cabinet.

Listings and Approvals
NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signaling; Local Protective Signaling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service

Other Approvals:
UL Listed; CSFM (pending); COA (pending)

Product Line Information
SCSS-700VSEC   Emergency Communication System with FACP

ECS Accessories
ECS-50W	50 Watt Amplifier
ECS-125W	125 Watt Amplifier
ECS-DUAL50W	50 Watt Dual Amplifier
ECS-50WBU	External Backup Amplifier
ECS-RVM	Remote Voice Module
ECS-SW24	24 Switch Expander
ECS-VCM	Voice Control Module
SCSS-700RMEC	Remote Command Unit
VIP-TR	Panel Trim Ring to flush mount

Fire-Lite (LiteSpeed) Devices
See the specification sheet listed below for a complete listing of the devices

15384   Fire-Lite Device Compatibility Document

51309   SLC Wiring Document

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