FEDERAL SIGNAL



SS2000+

Local Hardware Activation Point

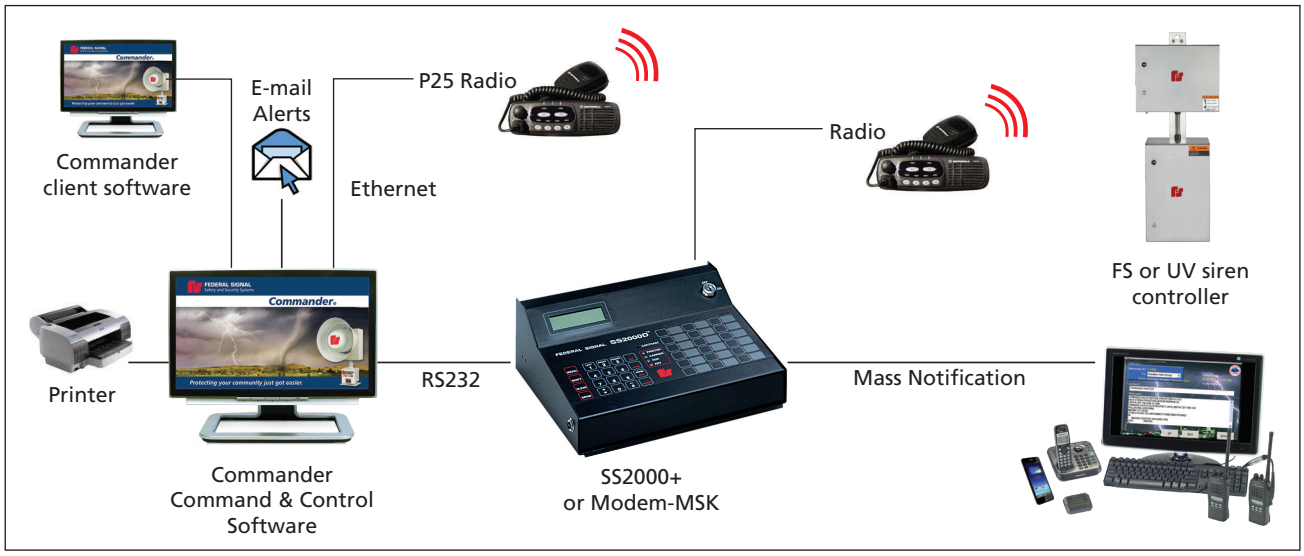
The SS2000+ local hardware activation point is Federal Signal's most advanced stand-alone control unit. The SS2000+ supports one-way communication or two-way communications, with two-way communications utilizing DTMF or FSK encoding. Command sequences are programmable and stored in non-volatile memory for retention even when electrical power is disrupted. Using the SS2000+, you can monitor and control your siren network with the SS2000+, offering 20 inputs for remote activation. The remote activation inputs can mirror the front panel push buttons or can be configured to provide 20 additional activation points.

To utilize the most advanced features of the SS2000+, connect it to a PC running Federal Signal's Commander software. Commander software and the SS2000+ can work together to monitor and control your system, with the SS2000+ providing full redundancy in the event that your PC is off line. You can stream .wav files from your PC for voice, music and text-to-speech. You can control new and legacy systems using DTMF, EAS, two-tone and AFSK encoding. You can program hotkeys for quick activation functions in various scenarios. The SS2000+ offers these capabilities in a simple, easy-to-use package for your desktop, or a 19" rack unit (SS2000+R) is also available. The SS2000+ can be configured using SSLOADER+, a simple Windows®- based program from Federal Signal.

FEATURES

- Redundant source of command and control should Commander PC be offline
- Desk and 19" rack mount versions available
- Available Ethernet port for network-based control
- Compatible with two-tone EAS and DTMF, AFSK encoding
- 20 remote activation inputs
- 24 command function hot keys
- Provides communication diagnostics
- Streams .wav files for voice, music and text-to-speech from Commander®
- Built-in speaker and microphone jack
- Offered in 120 and 240VAC, with EU or UK versions available

DTMF Encoder/Controller (SS2000+)



SPECIFICATIONS

Operating Temperature:	32° F to 140°F	0° to 60°C
Line Input	120/240VAC* wall transformer power supply	
Battery Input	11.5 - 20VDC (over voltage and reverse voltage protection)	
Power Supply Input Voltage	12-30VDC (12VDC typical)	
Input Current	300 mA (Standby 700 mA max.)	
Distortion	< 3.0%	
Ethernet	RJ-45 port, TCP/IP	
Microphone:		
Input Level	10mV - 150mV p-p	
Input Impedance	10k Ohms	
Input Jack	XLR Male	
Type	Dynamic	
Speaker:		
Power	1 watt	
Impedance	8 Ohms	
Audio Interface:		
Audio Output	Balanced 600 Ohms, -55 dbm to 0 dbm	
Audio Input	Balanced 600 Ohms, -35 dbm to 0 dbm	
Decode Sensitivity	< 8-10 dBc S/N or 12 dBc SINAD	
Relay Outputs	2A at 30VDC / 0.5 at 120VAC	
Dimensions H x W x D:		
Desk Mount	3.59" x 11.59" x 9.53" 91.8 mm x 294.4 mm x 242.1 mm	
Rack Mount	5.19" x 17.29" (19" front with bracket) x 10.10" 131.8 mm x 439.2 mm (482.6 mm front with bracket) x 256.5 mm	
Shipping Weight: Desk Mount	6 lbs	3 kg
Shipping Weight: Rack Mount	8 lbs	4 kg

*The SS2000+ Power Supply can be ordered with a US 120VAC, or UK/EU 240VAC Power Cables, see models.

HOW TO ORDER

Contact our Federal Signal Sales Engineers to design a system that meets your specific requirements.

Considerations for system configuration:

Description	Part Number
Local hardware activation point, desk mount	**SS2000+**
Local hardware activation point, 19" rack mount [1]	**SS2000+R**
Local hardware activation point, EU, desk mount	**SS2000+EU**
Local hardware activation point, UK, desk mount	**SS2000+UK**
UL2572 Compliant Noise Cancelling Microphone	**MNC-NMS**
Software Configuration: Windows® XP, Vista, Windows®, Server 2003/2008 Compatible	**SSLOADER+ Operating System**

REPLACEMENT PARTS

Description	Part Number
SS2000+ Power Supply with US Cable	**Q-SSPWR**
UK 240VAC Power Cable	**Q17501252A**
EU 240VAC Power Cable	**Q17501253A**
SS2000+ Vertex Radio Cable	**Q17500863**

[1] While there are no EU/UK rack mount models, the rack mount SS2000+R can be ordered with the appropriate replacement power cable if needed.

[2] Noise cancelling microphone model MNC-MC replaces the microphone on early revision models of SS2000+. Revision E and later models utilize microphone model MNC-MNS for compatibility with UL2572.

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