

DTMF Siren Encoder/Decoder

Model SS2000



DESIGNED FOR ACTIVATION OF RADIO CONTROLLED SIGNAL DEVICES

- LCD shows 4-line control and programming information
- 18 “hot” command keys
- Hundreds of available functions
- Two-way unit automatically logs activity to printer output
- Desktop and 19" rack mount
- Optional printer and activation via contact closure through SS Remote
- Easy to program and use

Federal Signal's Model SS2000 is a versatile, user-friendly and economical siren controller that supports one-way communication with the option of two-way communications using DTMF or FSK encoding. Command sequences are programmable and stored in non-volatile memory chips for retention, even when electrical power is disrupted.

Power is supplied by a standard 120VAC wall outlet and can be backed up with a user supplied 12VDC battery and charger.

The Model SS2000 features a four-line backlit liquid crystal display (LCD), full DTMF keypad and 18 user-programmable function keys. Four L.E.D.s are used to indicate the status of the optional printer, radio frequency (RF) carrier detection, key press and one miscellaneous function. A key lock is provided to secure the controller's key pad from unauthorized access.

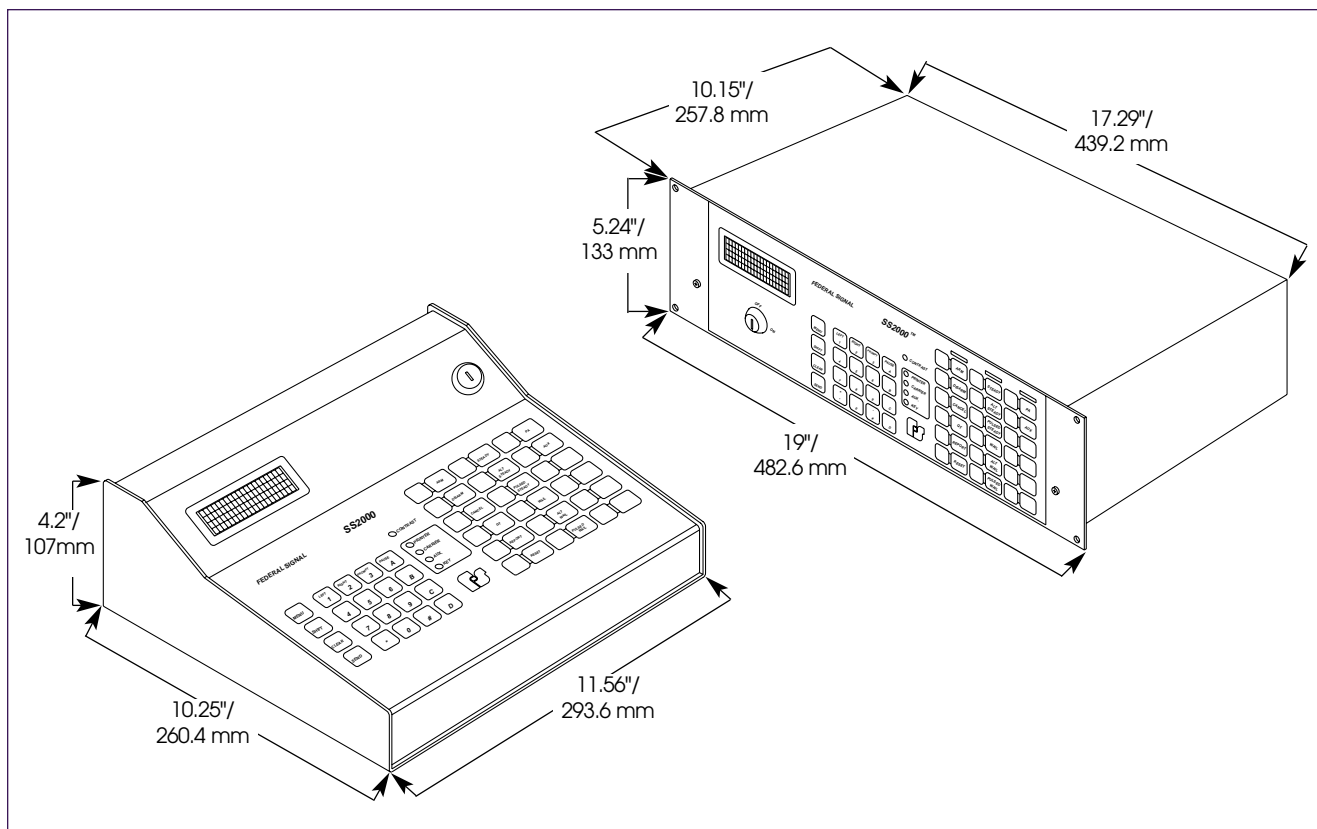
As a status monitoring device for electronic sirens, the Model SS2000 or SS2000T monitors AC power, intrusion, amplifiers and drivers; operating current, charger, battery and audio A and B lines.

As a status monitoring device for mechanical sirens, the model SS2000 monitors AC power, intrusion, operating current, battery and rotation.

Federal Signal's Model SS2000T DTMF Encoder/Controller or SS2000D FSK Encoder offer many extended benefits to any radio controlled signaling device. This unit automatically reports siren/power failures and electronically checks sirens through report-back systems, eliminating the need for personnel at siren sites.



DTMF ENCODER/CONTROLLER (SS2000)



SPECIFICATIONS

Line Input:	120VAC wall transformer	Outputs:	
Battery Input:	10.5-20.0VDC (overvoltage and reverse voltage protection)	3-DPDT (PTT, Audio and mic disconnect, spare)	1.25A at 24VDC 0.40 at 120VAC
Input Current:	175mA standby, 250mA max.		
Operating Temperature:	89.6° F – 257° F 32° C – 125° C	Dimensions:	
Distortion:	< 3% from pure sinewave	Rack	19" x 10.15" x 5.24" (482.6 mm x 257.8 mm x 133mm)
Emphasis:	Optional de-emphasis 6dB/octave	Desktop	11.6" x 10.2" x 4.25" (294.6 mm x 259 mm x 107.9 mm)
DTMF Format:	3-20 digits	Weight:	
DTMF Timing:	35/5 to 999/999 milliseconds (digit length/interdigit silence)	Rack	6 lbs./2.7 kg
Display:	80-character LCD display (4 lines x 20)	Desktop	4.75 lbs./2.2 kg
DTMF Decode Sensitivity:	20dB signal/noise		

HOW TO ORDER

- Have your Sales Representative contact our highly trained Federal Signal Field Sales Engineers to help you design a system that meets your facilities specific requirements. We can help you:
 - a. 1-way control, desktop (SS2000)
 - b. 2-way control, rack mount (SS2000T for DTMF or SS2000D for FSK)
 - c. 1-way control, rack mount (SS2000R)
 - d. 2-way control, rack mount (SS2000TR for DTMF or SS2000DC for FSK)
- Optional printer
- Optional activation via contact closure (up to 20) (SS-REMOTE)