



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 on command software
- 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.

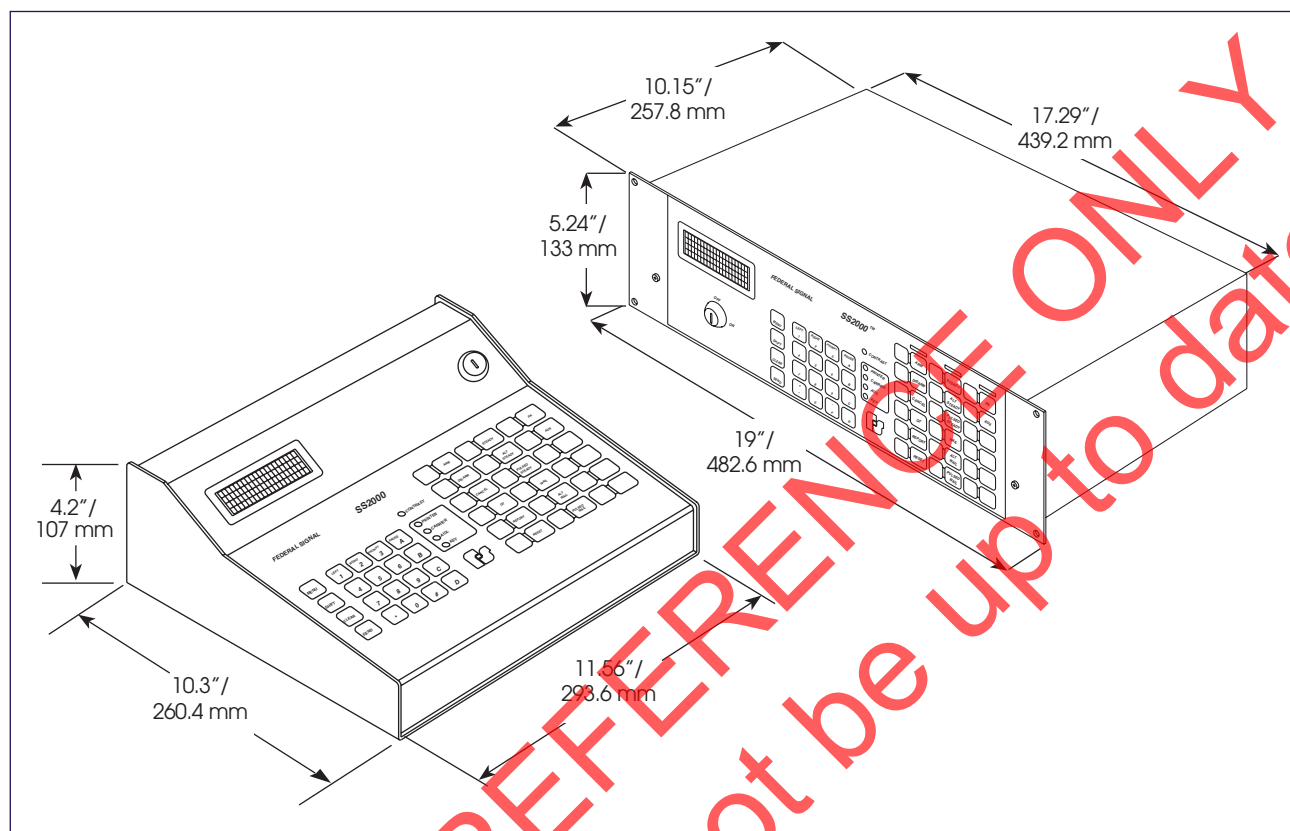
The Model SS2000 features a four-line backlit liquid crystal display (LCD), full DTMF keypad and 18 user-programmable function keys. Four LEDs are used to indicate the status of the optional printer, radio frequency (RF) carrier detection, key press and one miscellaneous function. A key lock is provided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

As a status monitoring device for electronic sirens, the Model SS2000 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 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	DTMF Decode Sensitivity:	20dB signal/noise
Battery Input:	11.5-20.0VDC (overvoltage and reverse voltage protection)	Outputs:	3-DPDT (PTT, Audio and mic disconnect, spare) 1.25A at 24VDC / 0.4 at 120VAC
Input Current:	175mA standby, 250mA max.	Dimensions:	
Operating Temperature:	32° F to 122° F / 0° C to 50° C	Rack	19.0" x 10.15" x 5.24" (482.6 mm x 257.8 mm x 133.0 mm)
Distortion:	< 3% from pure sinewave	Desktop	11.56" x 10.25" x 4.2" (293.6 mm x 260.4 mm x 107.0 mm)
Emphasis:	Optional de-emphasis 6dB/octave	Weight:	
DTMF Format:	3-20 digits	Rack	8.0 lbs. / 4.0 kg
DTMF Timing:	35/5 to 999/999 milliseconds (digit length/interdigit silence)	Desktop	6.0 lbs. / 3.0 kg
Display:	80-character LCD display (4 lines x 20)		

HOW TO ORDER

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

Considerations for system configuration:

- Specify model number
 - 1-way control, desktop (SS2000)
 - 2-way control, desk top (SS2000D for FSK)
 - 1-way control, rack mount (SS2000R)
 - 2-way control, rack mount (SS2000DR for FSK)
- Optional printer
- Optional activation via contact closure (up to 20) (SS-REMOTE)