

# SmartSiren **Platinum**

Simply brilliant



WITH SMART SOFTWARE FOR SIMPLE PC INTERFACE & FEDERAL SIGNAL'S UNIQUE "PLUG AND PLAY" CONVERGENCE NETWORK

# SmartSiren **Platinum** Re-engineered from the inside out, our newest

SmartSiren **Platinum**  
Amplifier - Front View



## Rugged Power Terminals



**Simplicity from the start.**  
The first thing you'll notice with SmartSiren Platinum is our commitment to intuitive engineering. Rugged terminals are easily identified by black and red terminal covers.

## Fourteen Relay Outputs



**More than ever before.**  
SmartSiren Platinum has the flexibility for more control in your vehicle with up to 14 relay outputs.

## Auxiliary Output Diagnostics



**Eye-catching LEDs.**  
The control system illuminates auxiliary output to clearly signal the status of individual lights, sirens and other auxiliary equipment.

## System Operation Diagnostics



**Know you're in control.**  
SmartSiren Platinum diagnostics emulate power being supplied to your vehicle's control system indicating SignalMaster functionality, lightbar and siren activity and data transmission.

## Four Programmable Inputs



**Automation made simpler than ever.**

For true convenience, SmartSiren Platinum offers four easily programmable inputs for lights, sirens or other functions.

## Protective Cover



**Durability? We've got it covered.**  
With a clear polycarbonate faceplate that protects the diagnostic features of the system, SmartSiren Platinum is well protected. And of course, the plastic cover can be easily removed without any tools for easy access.

## Siren Control and Diagnostics



**Total control & confirmation.**  
Easily accessible, the external volume adjustments for radio rebroadcast and public address is at your finger tips – and at a glance visual confirmation that power is being supplied to the unit.

## Simple Siren Maintenance



**Easy maintenance and trouble-shooting.**

Finding short circuits and changing fuses for horns and sirens has never been simpler.

control system and remote control head technology makes it simpler than ever to wire, program and cu

SmartSiren **Platinum**  
Amplifier - Rear View



SmartSiren Platinum redefines how your vehicle's control system operates. Utilizing Federal Signal's unique Convergence Network, the amplifier's design allows for quick and easy "plug and play" serial communication. The locking relay connectors provide secure inputs and outputs for additional auxiliary operation.

### Serial Communication



#### Brilliantly simple Convergence Network.

Six "plug and play" serial ports on SmartSiren Platinum can be used with Federal Signal's unique Convergence Network for one-connection to the **Remote Control Head** and all compatible lightbars and Federal Signal's Internal Lighting System.



### SignalMaster Functionality



#### Form meets function.

SmartSiren Platinum features four 3-amp auxiliary outputs and SignalMaster control outputs in the rear of the unit – plus four control inputs for additional automation.

### Locking Relay Connectors



#### Easy access, secure connections.

Fourteen auxiliary relay outputs and 4 auxiliary inputs provide secure, locking connectors for both inputs and outputs.

### Simple Installation



#### Smart on the outside.

The external housing of the system provides easy access to speaker, park disable, radio rebroadcast input and horn ring transfer connections.

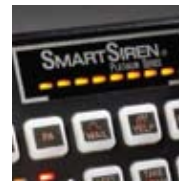
gram and customize your vehicles for maximum performance.



#### Convergence Network Link

“Plug and play” your entire fleet.

Only SmartSiren Platinum features the Federal Signal’s Convergence Network. With our connection directly from the control head and amplifier to your vehicle’s lightbar – this revolutionary network simplifies the installation process.



#### Visual Communications

Improved visual communications.

For convenient visual reference, the SmartSiren Platinum control system emulates the selected pattern of the SignalMaster operation.



#### Volume Control

Easy volume adjustments.

SmartSiren Platinum allows you to make volume adjustments easily with radio and rebroadcast control through easy-access holes on the control head.



SmartSiren **Platinum**  
Remote Control Head

The simple and robust design is as dependable and easy to operate as ever. Only now, it’s faster and easier to install – whether on one vehicle or an entire fleet.



#### Durable Selection

Engineered for long life.

With an assured, tactile feel to its operation, the rugged three-position slide switch is robustly engineered – and indicators illuminate in reference to the selected operational mode.

#### Smart Software / Fleet Management

Brilliance multiplied.



SmartSiren Platinum gives you the ability to clone an entire fleet of remote control head functions. Simply connect the SmartSiren to the PC and download the functions of the programmed software from one head to another... and another.



A brilliant step forward in design, engineering and programmability. With the new Federal Signal SmartSiren **Platinum**, a redesigned control system puts unmatched functionality right at your fingertips. An intuitively engineered remote control head puts at-a-glance command and control in your officers' hands. A simple **PC interface** makes it easy to program one vehicle – or an entire fleet – from your laptop. And Federal Signal's unique **Convergence Network** simplifies the lightbar installation with a "plug and play" connection to the controller and amplifier. The new SmartSiren Platinum from Federal Signal. One more way Federal Signal technology always shines through.

## FS Convergence Products



### Legend and Legend LPX

For a stealthy appearance, the Legend and Legend LPX lightbar features a popular, low profile design. And Federal Signal's patented Solaris LED reflector design and ROC (Reliable OnBoard Circuitry) technology provide exceptional 360-degree coverage.



### Vision SLR

In combination with its unique shape, Vision SLR's patented "Smart Pods" deliver up to eight times more light output at the critical 45-degree angles. Each Smart Pod is equipped with Solaris LED reflectors for full 360-degrees of light coverage.



### Valor

For officers that rank safety as a top priority and desire a low profile appearance, the Valor lightbar's distinct non-linear design provides 360-degrees of light output and off-axis lighting at the critical intersection points.



### ILS

For undercover application, Federal Signal's (ILS) Interior Lighting System has the same dynamic performance and capabilities as a full size lightbar featuring both the advanced Solaris LED reflector design and ROC technology.

Dimensions	Amplifier	Control Head
Height	4.40 in (11.18 cm)	3.26 in (8.28 cm)
Width	7.94 in (20.17 cm)	1.62 in (4.11 cm)
Length	7.58 in (19.25 cm)	6.81 in (17.30 cm)
Shipping Weight	6.8 lbs (3.09 kg)	
Input Voltage	11-16 VDC	
Operating Temp	-30°C to +65°C (relays at full power -30°C to 80°C, relay power 60%)	
Standby Draw	less than 0.5A	



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