

5496 Intelligent Power Module



A dynamic combination of power and intelligence for your notification expansion needs.

The Model 5496 Intelligent Power Module by Silent Knight is the most-powerful and cost-effective power supply available today. It delivers 6 amps of notification appliance circuit power and built-in synchronization for appliances from Gentex®, System Sensor®, Faraday, AMSECO and

Wheelock® — what you need to drive power-hungry components like ADA notification appliances. The 5496's advanced microprocessor design is years ahead of the competition. Its switch mode power supply design is up to 50% more efficient than competitive linear mode power supplies.

For the most sophisticated and cost-effective notification power supply available, you need Model 5496. Call Silent Knight today for more information at 1-800-446-6444.

Model 5496

Intelligent Power Module

The model 5496 is a 6 amp notification power expander that provides its own AC power connection, battery charging circuit, and backup battery for use with fire and security controls such as the IntelliKnight Model 5808 Fire Control /Communicator. The 5496 is the cost-effective solution for powering notification appliances required by the Americans with Disabilities Act (ADA). The 5496 has built-in ANSI cadence pattern, which can upgrade older control panels that lack cadence capability. The Output circuits can be programmed as Notification Appliance Circuits, or as Auxiliary Power (configurable for, constant, resettable, or door holder power).

Features

- UL Listed for 6 amps of notification power
- Power supply's advanced switch mode design reduces damaging heat and manages power up to 50% more efficiently than other systems
- Built-in synchronization for appliances from AMSECO, Gentex®, Faraday, System Sensor®, and Wheelock®
- 24 VDC filtered output voltage
- Four power-limited notification outputs; 2 Class A or 4 Class B, or 1 Class A and 2 Class B
- NACs are programmable as Notification Appliance Circuits, or as auxiliary power to be used as constant, resettable, or door holder power

- 3 amps per output circuit
- Ground fault detector
- Communicates to the FACP via 4-wire SBUS (wire runs up to 6000 ft)
- AC loss delay option shuts off power to non-essential high-current accessories like magnetic door holders
- Lightweight design adds to ease of installation and reduces shipping costs
- UL 864,1481 & 1971 listed
- ANSI Cadence pattern output capability built-in

Specifications

AC Input	120 VAC at 2.7 A
Output:	24 VDC at 6 amps
Current:	
Standby	40 mA
Alarm	160 mA
Notification/Aux. Power circuits:	4
Output configuration:	2 Class A (Style Z) 4 Class B (Style Y) (1 Class A & 2 Class B)
Amps per output circuit:	3.0 (6.0 amps total)
Notification circuit output:	20.4 to 27.3 VDC @ 3.0 amps each, 4.7 k* EOL resistor required on each Class B circuit
Battery charging capacity:	35.0 AH



Model 5496 Intelligent Power Module

Ambient Temp.:	32° to 120° F 0° to 49° C
Dimensions:	12.25" W x 16" H x 3" D (30.88 cm W x 40.64 cm H x 7.62 D cm)
Approvals:	UL CSFM MEA 429-92-E vol. XIV



SILENT KNIGHT

by Honeywell

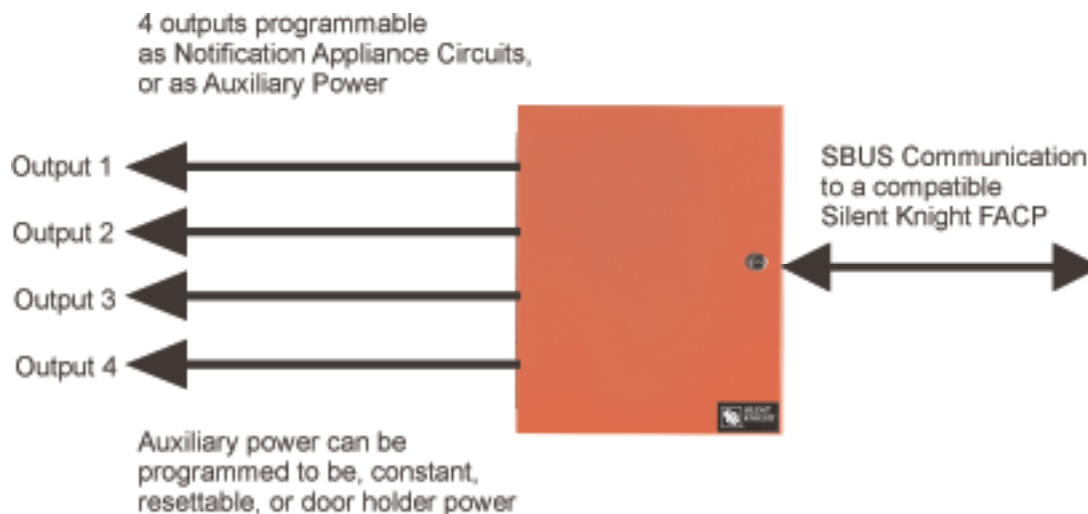
Firepower 5496 Distributed Power Module



Engineering Specifications

The contractor shall supply a power module compatible with the Silent Knight FACP. The power module must have 6.0 amps of output power. The power module shall connect to the main FACP via an RS 485 system bus (SBUS). The Outputs shall be programmable as Notification Appliance Circuits, or as Auxiliary Power (configurable for, constant, resettable, or door holder power). The power module shall have four separate outputs.

The power module RS 485 bus shall be optically isolated providing ground loop isolation and transient protection.



Compatible FACP's

IntelliKnight 5700
IntelliKnight 5808
IntelliKnight 5820XL



This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Silent Knight 7550 Meridian Circle Suite 100, Maple Grove, Mn 55369-4927. Phone: (800) 328-0103, Fax: (763) 493-6475.

MADE IN AMERICA

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