

Parks window/door monitor LED indicator light system.



LED Panel Monitors Doors And Windows

When Ben Parks saw Joe Kansak's light monitor shop tip (Vol. 48, No. 2), he thought he would share his own LED panel. His system monitors the status of doors and windows. He doesn't worry about leaving them open when he goes to bed or leaves the house. A glance at the LED panel in his office shows their status.

"When I installed my DIY alarm system 35 years ago, I installed a parallel system to the LED panel," says Parks.

Each item being monitored has two magnetic switches, one for the security system and one for the LED panel. The wiring for both systems runs through the same five-wire cable, but the security system has a separate power supply.

"If the window or door is open, it turns on the corresponding light on the panel," says Parks. "I can see at a glance from a central location in the hallway if anything is open. I

have a separate green indicator light on the kitchen door to let me know if the garage door is open."

While security alarm systems are commonly wireless today, hard-wired switches are still available in various styles and prices.

"The systems today are more sophisticated and usually tie into a cell phone," acknowledges Parks. "However, there are still a lot of hard-wired security systems out there. Mine is set up with autodial to call my cell phone if there's a problem."

Parks notes that, like for Kansak, the LED panel saves time and worry. "I don't have to walk around the house to know everything is closed up," he says.

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Hinged Globe Lock measures 12 in. by 12 in. by 6 in. and includes a hinged locking bracket with hardware and space brushings.



Lock Protects Deere 6000 Series StarFire

NDY (Not Dead Yet) Manufacturing, a family-owned and operated business in Bonfield, Ill., sells a wide range of fabricated products for industrial and agricultural companies, including two styles of GPS Globe locks for the Deere 6000 series StarFire.

The Deere StarFire 6000 replaces the StarFire 3000 and offers an improved antenna, the best Global Navigation Satellite System (GNSS) technology available, and a differential correction signal. It provides improved performance and cost savings, especially when paired with AutoTrac-assisted steering and Deere Section Control. Pricing varies but often tops \$10,000. NDY Manufacturing's GPS globe lock is the company's response to numerous requests for an owner protection system.

NDY Manufacturing's GPS Globe Lock protects your investment by deterring would-be thieves. It includes a locking bracket, a push-to-close lock, and two keys. The 2-lb. unit measures 8 in. by 8 in. by 3 in. and costs \$58. "The push to lock connects to the latch of the lock to the lip of the globe, preventing

it from being raised to be removed," says Kelly Christiansen, NDY representative. "It comes with a set of keys different from Deere's keys."

Another option is their Hinged Globe Lock, which measures 12 in. by 12 in. by 6 in. and includes a hinged locking bracket with hardware and space brushings (padlock not included). The heavier design weighs 8 lbs. and costs \$185. Says Christiansen, "The hinged design was created to allow our customers to provide their own lock. We're currently the only manufacturer with models where our customers can provide their own locks.

"Our team is currently working on locks for Deere's 3000 series that will be released soon," she says. "We're also working on Deere's 7000 series. We hope these locks protect our farmers' equipment from thieves looking to make something off the people providing such an essential service."

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They Made A New Extended Insulator

LockJawz owners listened to customer requests and figured out how to make a better electric fence extended insulator. The Ext 5.0 is the latest product from the U.S.-made business. FARM SHOW readers may recall their crescent-shaped insulators and fence clips featured in past issues (Vol. 42, No. 1 and Vol. 43, No. 6).

Farmer Wade Simon and his engineering friend, Nik Hiner, designed the products to make fencing easier and more efficient.

Customers like extenders to keep animals away from their fences but haven't been satisfied with available options.

"Currently, 99 percent of them attach to the T-post attached at one point straight out. That's a lot of leverage to break off," Simon says. "So, we wanted multiple points, and attaching them to the fence is better because it gives flexibility and absorption."

LockJawz extender insulators have two points that can be placed on either side of the fence, at any level on woven or welded wire between 3 1/2 and 8 in. apart to prevent everything from animals digging on the ground to reaching over the top of the fence.

"We're trying to create unique products that work well for the animal and the installer," Hiner says. Because the insulators go on the fence instead of posts, they can be installed at any distance the installer chooses.

Made from automotive-grade co-poly with



LockJawz extender insulators have two points that can be placed on either side of the fence, at any level on woven or welded wire between 3 1/2 and 8 in. apart.

UV inhibitors, they should last about 10 years in most climates without excessive sun.

The insulators are distributed by DARE to many farm stores listed on the LockJawz website. They sell for \$16.50 for a 10-pack. But LockJawz sells them directly and offers discounts for bulk orders.

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"Just cut the airline and plug in the DOT-approved fitting that reads the pressure on the air suspension," Riegel says. "Once calibrated, load whatever you're hauling and weigh on a certified scale, then enter those numbers into the application."

Wireless Truck Scales Save Time

Blue Ink Technology (BIT) created its wireless scaling system for semi-truck operators. The scales have become especially popular with agricultural drivers as they're often far from certified scales when loading commodities.

"Farmers and truckers were having hang-ups wondering whether they were over or under-loaded," says BIT owner Mike Riegel. "They added to their drive time by running back and forth to scales to ensure their weight was close. Or they were playing it too safe, missing out on income from thousands of pounds of commodities they could've carried. We thought this was a pain point we could solve."

The company created a simple design to be installed directly into the airline of a truck and trailer's air suspension.

"Just cut the airline and plug in the DOT-approved fitting that reads the pressure on the air suspension," Riegel says. "Once calibrated, load whatever you're hauling and weigh on a certified scale, then enter those numbers into the application."

Riegel suggests two empty and two loaded weights to confirm calibration of up to 99.6 percent accuracy.

The sensors also allow remote reading

communication between drivers and their business headquarters.

"This sets our company apart from our competition," Riegel says. "It's local to a truck but also seen by people at the office. They can monitor which trucks are empty or loaded and which driver is getting the most out of them. It's a level of business intelligence to our larger fleets without investing a huge amount of money."

One sensor per height control valve is required.

"These wireless scales provide peace of mind that a driver is legally loaded," Riegel says. "It lets you know if you should remove some product before you get on the road and become at risk of fines for violations."

The scales are manufactured in Huntington and sold across the U.S. and Canada.

The unit cost for independent truckers is around \$450. For larger company orders, a subscription fee enables users to receive more thorough data.

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