



## President's Message...

The 2016 FDIC Show is around the corner and this year we are proud to be exhibiting with two booths to visit, Booth 9127 in Lucas Oil Stadium and Booth 4417 on the Main Convention Center floor. Along with speaking with our Regional Sales Managers on technical updates, you will find new and innovative products we are releasing, so please stop by each booth for a visit. If you cannot make it to the show, you will receive our e-mail product information releases shortly. If you're not currently on our e-mail information list, please visit our Contact Page on our web site at [www.kussmaul.com](http://www.kussmaul.com) to be added or contact us directly at [marketing@kussmaul.com](mailto:marketing@kussmaul.com).

I would like to introduce the newest member of our engineering team Vidan Jovanovic, an electrical power supply engineer. Vidan has worked as a designer for over 20 years and brings substantial experience and knowledge of power supplies to the team. As always, please feel free to reach out to your Regional Sales Managers or directly to our factory offices with any special requests or ideas for new products. We will always do our best to provide you with the solutions you need. Wishing all a healthy and happy year ahead.

*Thomas H. Nugent*

## AUX / USB Pass-Through



Our Auxiliary and USB pass-through device is the newest addition to our switch line-up. We have made great advancements in the past twelve months designing new switches and this product will lead us into 2016. This device allows for a remote 3.5mm Auxiliary and/or USB connection anywhere in your vehicle while utilizing a clean and cost effective installation method. Simply snap this switch into a standard SVR or Contura II size cutout, run the wires to the device you want to access remotely and you're done. This creates an advantage in emergency vehicles needing to access a USB or 3.5mm Auxiliary cable from any device remotely when the origin may be at the dashboard. Common uses are also in consoles mounted between the seats in Police/Military Vehicles and patient compartments in Ambulances. The switch comes standard with six foot cables to allow for an easy connection to your devices and is covered by a two-year warranty.



**Paul Lamattina**  
Electrical Engineer

# Retrofittable Switches for Your Vehicle

Over the last two years we have released a number of fantastic dashboard switches that have changed how we manage power for charging devices, viewing data and on/off switching in the cab. Our current line of switches includes but is not limited to; Battery Indicators, USB Chargers, Temperature Gauges and Bluetooth Modules. Kussmaul Electronics has brought this much needed functionality in a conveniently sized form to emergency vehicle dashboards with these RVA's (Retrofittable Vehicle Accessories). These RVA's come in three sizes that snap into standard switch cutouts and are easily installed. If all the switch locations are occupied, we have also developed a Dashmount Accessory unit which provides a housing for up to five of switches of your choice.

Below is a current list of our available switches. If you have a specific need that is not listed please don't hesitate to call and our engineering team can design something for you.

## Current Switch Line:

1. Battery Level Indicator
2. Touch Switch
3. Temperature Monitor
4. Audio/USB Pass-Through
5. RJ-11 and RJ-45 Data Port
6. Bluetooth Module
7. Shore Power Alarm and Air Eject Alarm
8. USB 3.1 and 4.2



## Upcoming Shows

**April 21-23 2016**  
**FDIC #9127 / #4417**

**Lucas Oil Stadium / IN Convn Center - Indianapolis, IN**

**May 1-2 2016**

**Ontario Association of Fire Chiefs #521**  
**Toronto Congress Center - Toronto, ON**

**May 15-17 2016**

**LCFA Fire Show #428**  
**PA Farm Show Complex - Harrisburg, PA**

**June 16-18 2016**

**New York State Fire 2016 #1407**  
**Turning Stone- Verona, NY**

**June 24-25 2016**

**New England Fire Rescue EMS 2016 #517**  
**Foxwoods, CT**

**June 28-29 2016**

**Police Security Expo 2016 #917**  
**Atlantic City, NJ**

**July 24 2016**

**Texas A & M Show 2016**  
**Reed Arena - College Station, TX**

**August 11-13 2016**

**South Atlantic Fire Rescue 2016 #331**  
**Charlotte Convention center - Charlotte, NC**

# Auto Eject and Wire Prep Department



Last year Kusssmaul built, sold and delivered thousands of units in the Auto Eject Family (Super Auto Ejects, WP's, Air Ejects, Super 30's, and Air Electric Auto Ejects). The quality production of all of these ejects are the resulted efforts from this fine team of people in the Auto Eject and Wire Prep Department. From Rich Tooker (25 years) who manages the department to Mark Mataban our newest employee, this team brings 140 years of combined experience to this department. Pictured with Rich is Lenny Duarte, Justine Badami, Charles Brady, Anthony Chandler, Annette Martin, Chris Schmeling, and Bill Stephenson. Also pictured are Anthony Ciarallo, Nick Pfisterer and Kathleen Pitre who handle all wire prep for the department and for the company.

The Auto Eject Department has evolved over the years. At one point in time Rich was the one person who assembled all of the Auto Ejects sold. Located in a small corner off the machine shop, the process was slow and arduous. The department found its next home in what was the buildings first extension back in 1995. As sales grew the number of assemblers evolved to four; ironically wire preppers Anthony Ciarallo and Nick Pfisterer were two of those four people. The most recent move to the current location of the department is to the latest 20,000 square foot extension of the building circa 2003. Great consideration was given to the expanding needs of the department as the Auto Eject became a standard item on Emergency Apparatus. Ample space was given, enough to include presses for each stage of the drill and tap process. This eliminated the need to reset for each step all while maximizing the efficiencies of our manufacturing process.

Each Auto Eject style takes on average 15 steps or stages to complete the build. Each member of the team is trained to perform every step proficiently to maintain the production schedule and to ensure the highest level of product quality and durability. Team members regularly rotate positions so the assembly process is never hindered should someone be out of the facility.



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## DID YOU KNOW...?

### **Did you know...**

Kussmaul Electronics tests every battery charger before it leaves the factory.

### **Did you know...**

Batteries work due to a chemical reaction inside the battery that causes electrons to flow from the negative to positive terminal of the battery. When all of the chemicals inside the battery have reacted, the battery is spent. When you recharge a battery, you're essentially reversing the chemical reaction using electrical energy.

### **Did you know...**

You can extend AAA batteries's life, and many other kinds, by storing them at low temperatures, such as in the fridge or freezer. This slows the chemical reactions in the battery, allowing it to last longer.

