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## New Icom F5021 Redefines 'Basic Radio'

Icom America is excited to introduce the new F5021 series mobile radio, a basic analog radio with added features and flexibility.

Released for distribution this month, the F5021 is well suited for small to mid-size systems for public safety, large industry and light commercial users.

Setting it apart from other basic mobiles, the F5021 includes an optional OPC-1939 D-SUB 15-pin ACC cable. This option gives operators the ability to change operating channels remotely using an external device.

But why is this important?

"Often times, an office needs a radio, but doesn't want radios on the desks. You can mount the radio up in the attic, and put the tone remote and adapter on the desk (properly connected to the radio). The user can now use the tone remote desk-set to communicate. By pushing buttons on the tone remote, they can send signals to the new connector on the F5021 and have it change channels. Also, you can have the radio in the attic and attach SEVERAL tone remotes to it. Thus you can have many desk sets but you use only one radio," explains Gregg Hake, Technical Support Manager for Icom America.

The radio is also unique in its function-based scan routine that supports advanced scanning and improved external channel control.



"Customers are always asking for channel changing and a 15-pin cable with flexible, programmable pin assignments," says Hake, who has fielded countless requests for a basic radio with just such added functionality.

The radio's optional 15-pin cable that allows for ignition sensing, external PTT, PC command, horn honk, audio output and modulated signal input, depending on programming.

Six of the pins are programmable, allowing functions to be changed via programmable software.

Like the F121 series, the F5021 packs a powerful 50W (VHF), 45W (UHF) RF output and MIL-STD reliable performance into a rugged, compact body.

Other features include multiple signaling — including 2-tone, 5-tone, and MDC 1200 — wide frequency coverage, 128 memory channels, and wide/narrow channel spacing.



## Meet Your Icom Team

### Anastasia Williams

Product Planning Assistant



*Anastasia has been working for Icom's Product Planning department for over a year, assisting in market and product research, customer surveys and focus groups, all in order to make a better product for you!*

*Anastasia also assists Product Planning with her excellent translation abilities. Her fluency in Japanese is a much appreciated asset to the department.*

*"Learning of new markets and customers we can listen to is an interesting part of my job – there are so many slices of the population that have need of our solutions," Anastasia remarked.*

*She also wants you to know that Icom values your opinions and feedback, of which we take into consideration for product improvements and new product development. If you have any input, don't forget to talk to your regional manager!*

*Anastasia was recently awarded her Amateur license, and attended the Dayton Hamvention® where she sent a D-STAR digital VHF communication across the world! She is also hails from Michigan, and attended U of M (Go Blue!) for her BA.*

## Icom's F4021 Series Proves the Right Solution for Dallas School District

With 160,000 students and more than 21,000 employees, the Dallas Independent School District (DISD) is among the nation's largest. And given its \$1.6 billion budget, local companies covet the opportunity to do business with DISD.

But even suppliers that have a strong relationship with the school district are no shoo-in for the next contract, as Harry Maddox of two-way radio dealership Comtex Communications in neighboring DeSoto, Texas, can attest. "Even though we've worked with them in the past, we had to respond to their RFP along with everyone else."

This makes Comtex's deal to provide Icom radios to DISD all the more rewarding. The company signed a two-year supplier contract with the school district for Icom's F4021S UHF portable radios with the 7.4V, 2,000 mAh extended life battery and rapid charging system.

The radios feature 128 memory channels with 8 zones as well as built-in 2-Tone, 5-Tone, CTCSS and DTCS capabilities enabling users to establish their own talk groups and operate in quiet stand-by when others are talking. And the F4021's aluminum die-cast chassis meets IP54 requirements for dust protection and splash resistance.

In the first year of the contract, DISD purchased 350 F4021s — primarily used by administrators, maintenance personnel and security guards — as replacements for older equipment and to distribute to schools that previously did not have two-way capabilities. Savvy radio operators, DISD maintains its own repeater network and services all its own radios. For its part, Comtex provides the radios, accessories and replacement parts when needed.



*This picture is licensed under Creative Commons Attribution ShareAlike 2.0 License*

Maddox credits his company's winning bid to the F4021's quality and price, as well as his company's ability to tailor a solution that met the school district's requirements. "Our philosophy is to sell a solution, not just a brand of radio," he said, adding that they will often present a couple different options to potential customers and let them choose the most viable option.

"It just so happens that this specific Icom radio works particularly well for school districts because of its durability, the warranty and the affordable price," according to Maddox. "It's a great radio for what they need to accomplish."

He also believes that his company's strong relationship with Icom and familiarity with its products ensured they were able to match the right equipment with his customers' needs. And by placing a few radios in DISD's hands to test prior to the RFP, the school district was able to see first hand that the Icom equipment would hold up in a demanding environment.

"It measured up to other brands, and ultimately became their first choice," Maddox said.

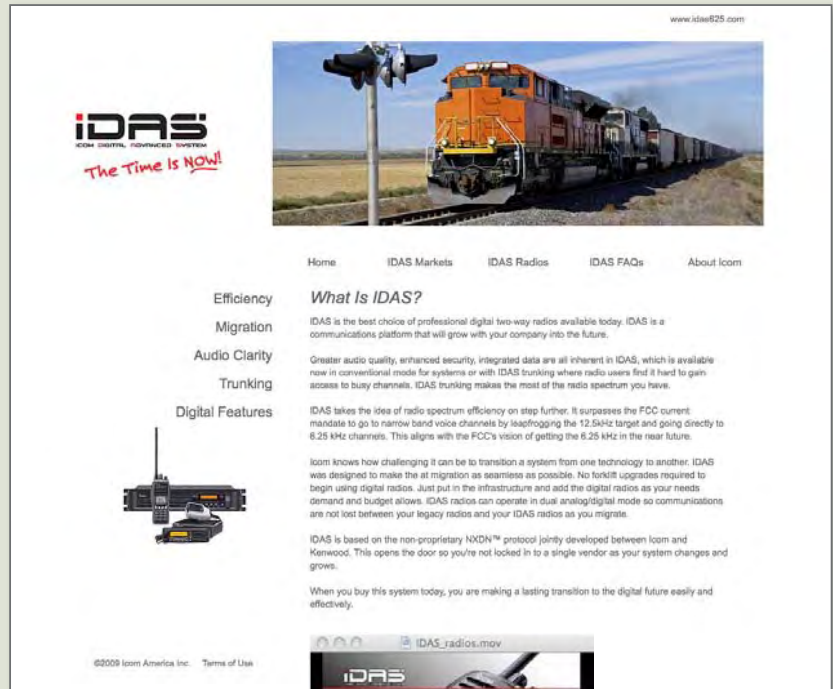
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The screenshot shows the IDAS website interface. At the top left is the IDAS logo with the tagline "The Time Is Now!". To the right is a large image of a train. Below the logo is a list of features: Efficiency, Migration, Audio Clarity, Trunking, and Digital Features. A central section titled "What Is IDAS?" contains several paragraphs of text describing the system's benefits and capabilities. At the bottom left of the screenshot is a small image of a radio. At the bottom right is a video player showing a close-up of a radio.



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**Icom America Inc.**  
2380 116th Ave NE  
Bellevue, WA 98004  
Phone: (425) 454-8155  
Fax: (425) 454-1509  
Customer Service: (425) 454-7619

**Icom America Systems**  
Phone: (425) 586-6363  
Fax: (425) 586-6321  
[ias@icomamerica.com](mailto:ias@icomamerica.com)





FOR IMMEDIATE RELEASE

Gerry Wight  
Daniels Electronics Ltd.  
250-382-8268  
[Gerry\\_Wight@danelec.com](mailto:Gerry_Wight@danelec.com)

Chris Lougee  
Icom America Inc  
425-450-6073  
[ChrisLougee@IcomAmerica.com](mailto:ChrisLougee@IcomAmerica.com)

Icom America Inc.  
2380 116th Avenue NE  
Bellevue, WA 98004  
Tele: 425-454-8155  
Fax: 425-454-1509



## ICOM AMERICA and DANIELS ELECTRONICS Announce Successful P25 Trunked Interoperability Test

**April 28, 2009** – Icom America Inc, an industry leader of state-of-the-art digital land mobile communications equipment, and Daniels Electronics Ltd., a leading supplier of high reliability digital P25 Land Mobile Radio infrastructure equipment, today jointly announced the successful completion of interoperability testing between their P25 encrypted trunked products.

According to Chris Lougee, Vice President of Icom America: “Our recently introduced F9000 series portables and mobiles have been well received in the market and we are pleased that we can validate their interoperability with a number of manufacturers, including Daniels. Daniels has a reputation for building solid product that is easy to work with and these tests confirm that.”

Daniels recently announced its new P25 trunked radio system at the IWCE tradeshow in Las Vegas. Building on its highly successful family of MT-4E digital radios, the Standalone trunked system provides a trunked solution for public safety applications that require a single site system that is compact, easy to transport, offers rapid installation and low current consumption. Fully compliant to the P25 suite of standards the Daniels trunked radio system is designed to interoperate with all P25 trunked handhelds and mobiles.

“We are very pleased with the results of these tests”, says Robert Small, President and Chief Operating Officer of Daniels Electronics. “They validate our core design and prove that our radio system is compliant to the standards and provides interoperability with other P25 compliant equipment.”

The Icom IC-F9011B/S/T portables and the IC-F9511S/T mobiles have built-in analog conventional, P25 conventional and P25 trunking capability, making them forward and backward compatible. The mixed mode operation allows operation on a mixed system with analog and digital signal and the radios feature multiple channel spacing options: 15kHz/30kHz (analog) and 12.5kHz (digital). This means most agencies can introduce P25 equipment without abandoning a legacy analog system. To ensure interoperability with other brands of P25 equipment, both the portables and mobiles conform to the standard specifications for TIA/EIA TSB-102, CAAB, Digital C4FM Transceiver Performance Recommendations.

P25 (Project 25) is a public safety standard for digital wireless communications defined by the Association for Public Safety Communication Officials [www.apcointl.org](http://www.apcointl.org). These standards enable users to communicate with other agencies and mutual aid response teams in emergencies, for the safety and security of communities across North America and the world.



Icom America Inc.  
2380 116th Avenue NE  
Bellevue, WA 98004  
Tele: 425-454-8155  
Fax: 425-454-1509

### About Daniels Electronics Ltd.

Daniels Electronics Ltd. is a North American leader in the design and manufacture of customized radio communications systems for specialized applications. For the past 50 years Daniels has provided our customers in North America and internationally with highly reliable base stations, repeaters and paging equipment that is environmentally robust and operates in rugged and extreme temperature conditions where low current consumption is a key requirement. For more information about Daniels Electronics, visit [www.danelec.com](http://www.danelec.com).

### About Icom America Inc

Icom America's parent company, Icom Inc., was founded in Osaka Japan. Icom is a publicly held Japanese corporation; its stock is traded on the Tokyo and Osaka Stock Exchange. Icom began as an engineering and manufacturing company, making advanced, compact solid-state radio equipment for use by amateur radio enthusiasts. Icom has since grown to become an industry leader, with a product line that includes other state-of-the-art digital communications equipment for land and marine use as well as ham (amateur) and avionics. Icom America's headquarters are in Bellevue, Washington. [www.icomamerica.com](http://www.icomamerica.com).

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*Print-ready, high resolution images of Icom's F9000 series P25 portable and F9511 series P25 mobile radio equipment is available for immediate downloading from [www.icomamerica.com/downloads](http://www.icomamerica.com/downloads)*

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Icom America Inc.  
2380 116th Avenue NE  
Bellevue, WA 98004  
Tele: 425-454-8155  
Fax: 425-454-1509



FOR IMMEDIATE RELEASE

Gerry Wight  
Daniels Electronics Ltd.  
250-382-8268  
[Gerry\\_Wight@danelec.com](mailto:Gerry_Wight@danelec.com)

Chris Lougee  
Icom America Inc  
425-450-6073  
[ChrisLougee@IcomAmerica.com](mailto:ChrisLougee@IcomAmerica.com)



## ICOM AMERICA and DANIELS ELECTRONICS Renew P25 Trunked Systems Distribution Agreement

**May 21, 2009** – Icom America Inc, an industry leader of state-of-the-art digital land mobile communications equipment, and Daniels Electronics Ltd., a leading supplier of high reliability digital P25 Land Mobile Radio infrastructure equipment, today jointly announced they have renewed their distribution agreement of Daniels radios via the Icom America Systems (IAS) group. The renewed agreement will continue to facilitate Icom America Systems Group ability to offer turnkey radio solutions for Public Safety agencies in the United States as well as in Latin America. With Daniels recent announcement of a P25 trunked radio system that Icom handhelds have been successfully tested on, Icom will also have a larger portfolio of products to offer Public Safety customers.

Chris Lougee, Vice President of Icom America, claims: "We have been pleased to work with Daniels over the years since Daniels is a well respected provider of analog/digital repeaters and base stations. Now with a renewed agreement that allows us to sell their P25 trunked radio system we can combine their infrastructure with Icom's subscriber units and system integration to strengthen Icom's presence in the expanding market for P25 digital integrated LMR solutions. Icom will be able to offer agencies a completely integrated P25 system solution, with full engineering, project management and field support to ensure performance. The agency will benefit from the 'one source' opportunity to purchase a true 'turn key' P25 communication systems with all components designed to work together and supported by one team. We feel Daniels Electronics has a similar vision to ours...high quality products, with high quality support designed to meet the requirements of this special customer."

According to Robert Small, President and Chief Operating Officer for Daniels Electronics, "The continuation of our collaboration with Icom enables Daniels offer infrastructure solutions to the public safety and commercial market in North America for turnkey solutions that we are unable to address alone. The renewed agreement also facilitates expanded sales of our new P25 trunked radio system and enables us to pursue P25 opportunities in Latin America"

Daniels recently announced its new P25 trunked radio system at the IWCE tradeshow in Las Vegas. Building on its highly successful family of MT-4E digital radios, the Standalone trunked system provides a trunked solution for public safety applications that require a single site system that is compact, easy to transport, offers rapid installation and low current consumption. Fully compliant to the P25 suite of standards the Daniels trunked radio system is designed to interoperate with all P25 trunked handhelds and mobiles.

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