May 1998

The Communicator

Radionics, Inc., 1800 Abbott Street, Salinas, CA • Phone: (408)757-8877 • www.radionicsinc.com

Contents:

CHANGES ON THE WAY!

You may know there are a lot of regulatory changes (Underwriters Laboratories) taking affect this summer that will change many of the security and fire alarm products you buy, including some controls from Radionics. Because of the large number of products affected and the kinds of changes being made, some current control products will be discontinued in manufacturing as of August 3, 1998. We will continue to sell these control panels and accessories while our supply lasts. Here's how the changes will affect our products:

D2071A, D7024, D2012U, D2412U, new 9000 series (D7212, D7412, D9112, D9412, D9124), D9024, D10024 and Readykey - These products are unaffected by the new regulations or have been evaluated by Underwriters Laboratories and are (or will be) in compliance with the new regulations.

D2112, D2212, D4112, D6112, D8112, D7212B1, D9112B1, D9124(B1) - These products are not in compliance with the new regulations and can no longer be manufactured after August 3, 1998 with a UL label. Products manufactured before this date will carry a UL label and may continue to be marketed and sold after this date.

Dealers with planned installations calling for these controls are encouraged to plan ahead or arrange to use one of our continuing products to meet their

D8112A panel

needs (see below). Repair support for these controls will continue while components are available. We expect this support to remain available for several years to come. Accessory items such as keypads and modules, will continue to be manufactured and we plan to meet your upgrade and maintenance requirements at least through the end of 1999.

OUR RECOMMENDATIONS

D2112 - use D2012U.

Pros - Uplink, text keypad capability, 500mA aux power, larger terminals.

Cons - 2 unsupervised zones removed, no 4x2 format.

D2212 - use D2412U

Pros - Uplink, larger terminals.

Cons - 2 unsupervised zones removed, no 4x2 format.

D4112 - use D2012U

Pros -Uplink, 500mA aux power, Modem IIIa2, lower cost.

D6112 - use D2412U or D7212

Pros (D2412U) - Uplink, 1 A auxiliary power, Modem IIIa2, lower cost, ITI wireless, 24 points, RAMable text keypads.

Changes On The Way...

- You may know there are a lot of regulatory changes taking affect this summer that will change many of the security and fire alarm products you buy, including some controls from Radionics.

D6112 - use D2412U or D7212 (con't.)

Pros (D7212) - 8 Areas, Menus, Custom Functions, Common Areas, Point Configurations, and much more.

Cons (D2412U) - No second area; *(D7212)* - incremental cost.

D8112 - Use D7212 (or D9112 for more than 75 points or D7412/D9412 to replace D8112A).

Pros - Lower cost, 8 Areas, Menus, Custom Functions, Common Areas, Point Configurations, and much more.

Cons - No A, B, C, D keys; uses ENT key with passcodes.

D7212B1 / D9112B1 - Use new 9000 series (D7212, D9112, D7412, D9412, D9124)

Pros - More points, users, Common Areas and much more

Cons - Requires new version RAM remote programmer, D8128C, D9131A and new D5200 handlers, small cost increment.
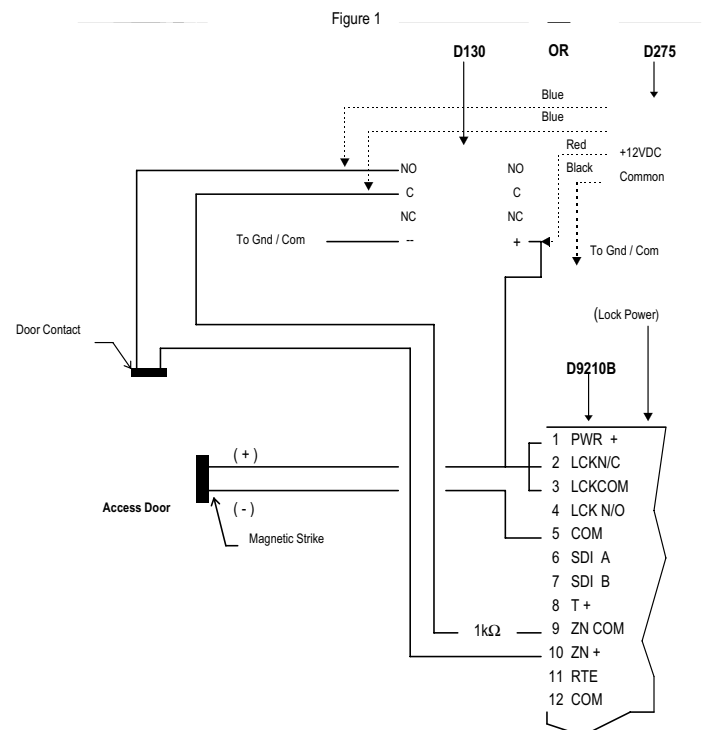
D2412U Control / Communicator

We will continue to accept standard orders for products that are planned to be discontinued through June 15, 1998. We will also accept orders for future delivery of controls through December 31, 1998 to the extent that we have compliant products available. Please plan ahead.

If you have any questions about which of our compliant products are best for your planned applications, feel free to call us at (800) 538-5807 and speak with Technical Support, Order Processing or your Regional Sales Manager.

CORRECTION

On page 3 of the February 1998 issue of The Communicator there was an error on Figure 1, the wiring diagram that accompanied the 'Don't Strike Out with UL Listed Applications'. Here is the correct diagram showing the negative wire from the magnetic strike attaching to terminal 5 of the D9210B and not terminal 4 as previously shown.

Figure 1

RADXonCD Version 1.0
QUICK SOLUTIONS & TECH TIPS

- RADXonCD... Get the best sales tool around! Order now by calling the Order Processing Dept. and ask for L882!

Version 1.0 of RADXonCD is now out and experiencing heavy use. Along with a very favorable response, we have also had reports of minor problems. We will provide updates and work-arounds for CD-related problems on the Radionics web site (http://www.radionicsinc.com) as we become aware of them.

PROBLEM #1: Some of the hyper-links (words you click on to take you to another section of the document) in the O&I Manuals Index are incorrect. Only the links on page one of the index, from "Command Centers & Annunciators" to the bottom of the page are wrong, all of the rest are correct. All of the documents are on the CD and all are available. Here's how to access them:

FOR D202-DEMO, CLICK HERE	**Command Centers & Annunciators**	
D202-DEMO Demo. Command Center	O&I Manual	7407248A
D220A Command Center	O&I Manual	7407511A
D222 Command Center	Installation Instructions	7407362A
D223 Command Center	Installation Instructions	7407490B
D9069 Fire System Annunciator	Installation Instructions	34049C
D9070 Fire System Controller	Installation Instructions	34050C
Smoke / Heat Detectors & Bases		
D250 / D260 / D265 / D270 / D280 / D290 Smoke Bases	Installation Instructions	7406249E
D263 / D263TH / D273 / D273TH Smoke Detectors	Installation Instructions	31341C
D271S Addressable Smoke Detector Base	Installation Instructions	7407671A
D285 / D285TH Smoke Detectors	Installation Instructions	31342B
D296 / D297 Long Range Smoke Detectors	Installation Instructions	31344B
Fire Product Accessories		
D1004 Smoke Detector Removal Tool	Operating Instructions	32080B
D132 Smoke Detector Rreversing Relay Module	Installation Instructions	7407663B
D275 End of Line Module	Installation Instructions	32026B
D306 Remote Indicator Plate (D296 / D297 Long Range Smoke)	Installation Instructions	32068B
D307 Remote Test / Indicator Plate (D296 / D297 Lng Rnge Smoke)	Installation Instructions	32071B

SOLUTION #1: Click on the line of text ABOVE the document you are trying to access. For example, to access the D222 Command Center Installation Instructions, click on the line above its listing in the index, which is the listing for the D220A Command Center. For the D202 Demo, Click on the line above it, which is the header-"Command Centers & Annunciators".

PROBLEM #2: The file name for the D6500 Computer Interface Installation Guide was truncated during mass production, resulting in an error message when trying to access this file from the Central Station Products menu. To access the file:

SOLUTION #2:
1. Start the CD as usual.

2. Click the green "Go RADXonCD" button.

3. After the Adobe Acrobat Reader has launched, choose "Open" from the "File" menu at the top of the screen.

4. The file is in directory "Pdfs/O&I Manuals" and is named "740531-1.pdf".

PROBLEM #3: The instructions for Windows 3.1, in the introduction, for re-starting the CD after installing software should read:

SOLUTION #3:
1. From the Windows Program Manager, choose "Run" from the "File" menu.

2. Type: d:\Start31.exe (This assumes that "d" is your CD drive. If your CD drive is different, substitute the appropriate letter.)

Any questions or comments regarding RADXonCD can be directed to either June Colagreco, at extension 1210, or Greg Jennings at extension 1405.

I JUST WANT TO CELEBRATE!!!!

• Customers and employees of Detection Systems & Radionics enjoy an evening of fun at the Cocktail Reception in Las Vegas, hosted by Radionics and Detection Systems.

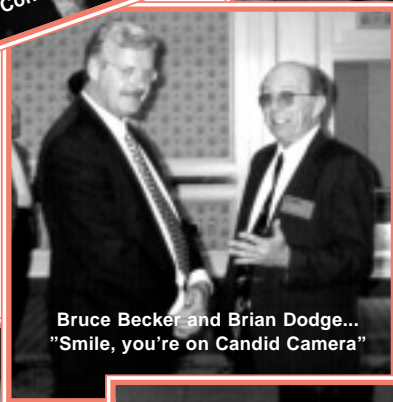**The Booth...**

The Product Managers...

The Reception...

From Down Under... Andrew Constantino

Ladies and Gentlemen...The President, Larry Tracy

Bruce Becker and Brian Dodge... "Smile, you're on Candid Camera"

CEO, Karl Kostusiak, enjoying the evening with guests.

The Industry's Finest...

Are those antlers growing or street lamps? Mike Moorman and Carole Kelly were excellent hosts.

Drew Chernoy is happy to answer any of your questions!

June Colagreco and Glenn Patrizio ready for action.

Gordon Lang, Bruce Becker, Pat Allen and Mike Moorman anxiously awaiting for the bar to open.

AND THE WINNER IS....

Radionics' D6600 Communications Receiver/Gateway Wins 2 SIA Awards

Radionics, Inc. is proud to announce that the Security Industry Association chose Radionics' D6600 Communications Receiver/Gateway from the entire pool of New Product Showcase entries to be one of the "Security Industry's Finest" new products at the ISC West Show in Las Vegas. In addition, the D6600 also received the "Product Achievement Award" in the Communication and Transmission Media category. Drew Chernoy, VP of Marketing and presenter of the D6600, states "we are proud to consistently offer our customers cutting-edge products."

The D6600 offers the most processing power in the smallest package ever to the security alarm industry. The patented technique to quickly identify the type of transmitter and issue the correct acknowledge tones greatly reduces time online and transmission costs. The large number of lines that handle multiple formats in such a small package lets central stations expand their line and account capacity without taking up costly room.

The D6600 Receiver's features include:

- Patented Caller ID Software
- Expandable - with FLASH EPROM memory
- Digital Signal Processing
- Standard Interface

These four features are believed to be the first introduction in the security alarm industry. While Digital Signal Processing has been used in the computer industry for several years, its introduction into Security Alarm Receivers is just beginning. The DSP chip allows many formats of complex variety to be processed on a single line card without costly extra line cards and phone lines just for special formats. The FLASH EPROM memory allows the receiver to be completely updated by having the receiver call a special number and download new versions of processor or line card software for up-to-the-minute accuracy. The patented Caller ID software feature that helps increase signal processing speed results in lower transmission costs for the dealer.

Look for future articles in <u>The Communicator</u> announcing the arrival of the D6600 this September.

GET INVOLVED AND INCREASE YOUR PROFITS

- Increase Your profits!
  This is a great opportunity for you to become involved with government contracts and increase your profits.

- We will provide you with assistance and an incentive to participate in obtaining contract work with various government agencies.

Approximately four years ago, Radionics began a special government program primarily targeting federal government agencies, encouraging their use of the Radionics product line. This program has been extremely successful and has continued to grow. So successful in fact, that we would like to get as many of our customers involved as possible.

Due to budgetary constraints in the government, and personnel cutbacks (including alarm technicians), the current move within the government agencies is to contract to the private sector for the installation and maintenance of systems. This move by the government to privatize alarm installation and maintenance will continue to increase as budgets and manpower continues to decrease. This is a benefit for you, our customer. Another benefit is that for many years, Radionics has had a contract with the General Services Administration (GSA), Federal Supply Service. The GSA contract has allowed us to greatly enhance the recognition of the Radionics brand name with our government customers. Many government contracts and contract specifications state that the equipment purchased must be GSA listed.

Along with our expanding government customer base, and the move toward out-sourcing various projects to the private sector, we need your assistance to support our increasing market. Because of the potential that exists in this area to do a tremendous volume of business, we will provide you with assistance and an incentive to participate in obtaining contract work with various government agencies.

Our Government Operations Division will provide you with leads and support on upcoming projects and contracts as we become aware of them. All you need to do is provide Pat Allen, Government Operations Manager, with your e-mail address and leads will be sent out weekly. She will provide you with contact names, telephone numbers and addresses, as allowed by each Federal Government agency. Pat can be reached at 800-538-5807 ext. 1236, or by e-mail at Pallen@radionicsinc.com.

Beginning on May 1, 1998, we will provide you a one-half of one percent (0.5%), rebate if you let us know how much of our product is being used in federal government jobs. In order to qualify for the rebate, you must fax us a copy of the cover page from the contract stating that you have been awarded the **FEDERAL GOVERNMENT JOB**. Your order must be placed separately from any other order and must be for the equipment to be used on the government contract. No stocking orders will qualify for this rebate, and there will be no credits "after the fact".

This is a great opportunity for you to become involved with government contracts and increase your profits. Remember, you have the support of our Government Operations Division staff, who not only know our products but also the 'ins and outs' of working with government agencies. You will find they are great group of people to work with.

The goal of Radionics is to support and work together with you as a team to provide the government customers with a quality product and service while increasing the volume of business with the government and other areas.

For more information, please contact Pat Allen at (800) 538-5801 ext. 1236.

UPDATE: Radionics Remote Account Manager (RAMII) software.

RAMII v05.18 has been updated to fix a prior printing problem. The new release is now available for ordering. To order the latest version, call the Order Processing Dept. at 800-538-5807. Ask for the RamII Update Kit part number D5391S-0518.

TECHNOGRAM - 3 ISSUES

D9210B Access Control interface Module -LOCK RELAY ISSUE

Internal testing has found that if a D9210B (version 1.08 firmware) is currently in the energized state and a Reset is performed on the panel (manual reset using the reset switch or a Reset-Bye using RAM3), the D9210B may de-energize the Lock Relay after a 30-minute delay. This is due to a firmware issue in the D9210B.

WHAT WE'RE DOING ABOUT IT

A new version of the D9210B firmware will be available after mid-May, 1998, in the form of an Update Kit, Part Number D9299-0112. You may contact our Order Processing Department to order your Update Kit(s), which will be available at no charge. D9210B Access Control Interface Modules shipped in June will have the updated firmware.

Until the new firmware is released, a temporary work-around for this problem is to cycle each access door using Command 46 after performing a Reset-Bye with RAM3 or a manual Reset on the panel.

ACCESS DOOR POINTS ISSUE & WHAT NEEDS TO BE DONE

The point number assigned for an Access Door Point must NOT fall within the range of points of an installed D8128C OctoPOPIT. For example, if a D8128C OctoPOPIT was installed on a system and programmed to recognize points 9-16, do NOT program a Door Point for any point between and including 9 and 16. Doing so will cause intermittent Extra Point reports to be generated.

D9000/D7000 SERIES FIRMWARE - ISSUE

The following information only applies to the new D9412, D9112, D7412, and D7212 Control/Communicators. It does not apply to the D9112B1 or D7212B1 Control/Communicators.

USER NAME PRINTOUTS

In previous versions of the D9000/D7000 Series firmware, the panel would not always send to the D9131A the correct user name or a user name may appear in an event in which it did not belong. This is due to a firmware issue in the control panel.

WHAT WE'RE DOING ABOUT IT

A new firmware version for the D9412, D9112, D7412, and D7212 Control/Communicators will be made available mid-May in the form of Update Kits (Dxx99-0522, where "xx" equals the first two digits of the panel's model number. For example, if you have a D7212 panel, you would order Update Kit D7299-0522). Radionics recommends that if any installations require a D9131A Printer Interface Module, you should upgrade the firmware in your control panel as soon as possible to avoid this issue. You may contact our Order Processing Department to order your Update Kit(s) at no charge.

We expect that D9000/D7000 Series Control/Communicators shipped in June will have the updated firmware.

FEATURE ENHANCEMENTS

Over the past few months, we have taken the opportunity to add a few new features to keep the D9000/D7000 Series Control/Communicators competitive in the marketplace. These new features will be added to the next version of firmware and will include the following:

Numeric Pager Capabilities	Point Scan Delay upon power up
Home Automation Support	AC Fail Time in minute increments

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Tech Tips
Frequently Asked Questions

Q: The D8132 Battery Charger Module's red and black wires meter approximately 11.84 VDC. Is the module defective?

A: The module is not defective. The red and black wires are load dependent. The wires require a good battery be connected, then the output will be at 13.6 VDC (normal charging voltage).

Eric Spansel
Technical Support Fire Specialist

Q: Can I use a K2040 Reader Combiner on a channel that is using a K2050 Alarm Access Integration Module or K2051 Access Prohibitor Module?

A: No, the reason is that when a K2050 or K2051 is installed the current that remains is not enough to operate the K2040 and the two Readers.

Dana Kellogg
Readykey Technical Representative

Q: The Command Center on the D2112 buzzes constantly. Pressing the 4 key gives no results.

A: This is caused by cutting the wrong resistor on the D220A. Cut the resistor that is marked R30 and is outlined in white. A common error is that R21 (vertical resistor) has been mistakenly cut, rather than R30.

Quinn Tomlinson
Intrusion Technician

Radionics' 1998 National Training Schedule

DATE	SEMINAR	CONTENT	DAY	LOCATION	TRAINER
MAY 1998					
5/5/98	Regional	K2100 / K1100, Readykey for Windows	2	Livonia, MI	J. Lamontagne
5/5/98	Fire	Digital Fire Products	2	Atlanta (Marietta)	M. Hambrick
5/5/98	Regional	D5200, 9000 & 2000 series	3	Bedford, TX	D. Kugler
5/11/98	Readykey	Readykey Products / Windows	4	Salinas, CA	A. Parks
5/7/98	Regional	K2100 / K1100, Readykey for Windows	2	Indianapolis, IN	J. Lamontagne
5/11/98	Regional	D5200, 9000 / 7000 Series, RAM 3	3½	Elk Grove Village, IL	L. di Scipio
5/12/98	Regional	D5200, D9000 / D2000 series	3	Englewood, CO	D. Kugler
5/12/98	Regional	D5200, 9000 series, Digital Fire Products Review, RAM 3 and RAM II (if needed)	3½	Mc Lean, VA	J. Lamontagne
5/19/98	Fire	D5200, D9124, Zonex, 9000 Series D10024/D9024 Analog, D7024	3	Scottsdale, AZ	D. Kugler
5/19/98	Readykey	K2100 / K1100, Readykey for Windows	2	Palm Harbor, FL	J. Lamontagne
5/19/98	Regional	9000 / 7000 Series & D2000 Series	3	Ontario, CA	J.Olinger
5/21/98	Readykey	K2100 / K1100, Readykey for Windows	2	Jacksonville, FL	J. Lamontagne
5/27/98	Readykey	K2100 / K1100, Readykey for Windows	2	Marietta, FL	J. Lamontagne
JUNE 1998					
6/2/98	Regional	D9000 series, D5200, Digital Fire Products, RAM 3	3½	Pensacola, FL	J. Lamontagne
6/2/98	Readykey (A)	Readykey Products	4	Elk Grove Village, IL	M. Dreksler
6/9/98	Regional	D5200, 9000 series, RAM 3,Digital Fire Products	3 ½	Livonia, MI	J. Lamontagne
6/16/98	Regional	9000 / 7000 & 2000 Series	3	Buena Park, CA	J. Olinger
6/22/98	Readykey (A)	Readykey Products	4	Boston , MA	M. Dreksler
6/29/98	National (A)	D5200 Programmer, 9000 & 2000 series, RAM 3	4	Salinas, CA	J. Olinger

Seminar registration forms are published five to six weeks prior to the seminar date and can be obtained by calling the National Training Dept. at (800) 538-5807 ext. 1258. Radionics, Inc. reserves the right to cancel any seminar that does not meet the minimum requirement of at least 7 attendees within 14 days of the scheduled seminar date.

1998 Price Code: A = $250.00 Per Person   B = $500.00 Per Person
Regional seminars are no charge to all Radionics dealers.