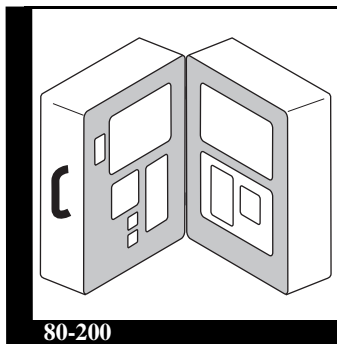


# UltraGard™ Demo Kit

Document Number: 466-1155 Rev. A

November 1997



## Demo Kit Instructions

### Product Summary

The UltraGard Demo Kit is a portable security system, packed neatly and conveniently into a standard attache case for easy transport and set up anywhere. The following describes the components included with the kit.

- v Hard-shell attache case with vacuum-molded compartments and cable pocket
- v UltraGard circuit board
- v Built-in speaker
- v Phone jack and phone cord that let you connect a customer's phone to the kit
- v 9-foot detachable AC power cord
- v Two antennas
- v One SuperBus™ 2-Line LCD Alphanumeric Touchpad
- v One 4-Button Keychain Touchpad
- v Two Learn Mode™ Micro Door/Window Sensors
- v One Learn Mode Water-Resistant Panic Button
- v One X-10® Lamp Module with light bulb and socket
- v One empty plastic sensor enclosure as follows: Brown Door/Window Sensor, Recessed Door Sensor, Slim Line Door/Window Sensor, Shock Sensor, and Motion (PIR) Sensor
- v Extra compartment space that to accommodate one Smoke Sensor and IntelliSense Dual Sound Sensor, or a Learn Mode Sensor Repeater
- v 1 spare light bulb for backlit display (located behind touchpad)

### Setting Up the Demo Kit

- 1) Place the kit on a table so it stands upright on its rubber feet (see picture at top of page).

- 2) Release the latches and open the case like a book. The left side of the kit contains the keychain touchpad, alphanumeric touchpad, built-in speaker, Telco and phone jacks, backlit display, and a compartment for cable storage.  
The right side of the kit contains the miniature door and window with a Micro Door/Window Sensor mounted behind each one.
- 3) Connect a phone line to the upper phone (Telco) jack and connect a touch-tone telephone to the lower phone jack.
- 4) Set the X-10 Lamp Module House dial to **P** and the Unit dial to **1**.
- 5) Plug the lamp module into an electrical outlet.
- 6) Connect one power cord end into the rear of the demo kit and plug the other end into an electrical outlet. The alphanumeric touchpad display shows **DEMO KIT**. Pressing a touchpad button changes the display to **1-OFF**.

**Note:** Avoid operating the demo kit positioned flat. The backlit display can become warm to the touch.

### Programming

The demo kit comes ready-to-use and set to demo kit mode (optional feature F43 on) or you can custom program it to your needs.

### Factory Programming

Table 1 describes the default settings when F43 (demo kit mode) is on.

Table 1. Demo Kit Default Values

Function	Default Setting	Notes
Siren Timeout	2 (minutes)	NA
Account Number	UD-EMO	Any reports to the central station identify the panel as an UltraGard demo kit.
Entry Delay	8 (seconds)	NA

**Table 1. Demo Kit Default Values (continued)**

Function	Default Setting	Notes
Extended Delay	1 (minute)	NA
Exit Delay	8 (seconds)	NA
House Code	255	For X-10 Lamp and Appliance Modules used for demos, set each module's HOUSE dial to P.
Upper Sensors 91 thru 96, & 98	Off	NA
CPU Battery Test	NA	If F43 is on, the panel does not test the CPU battery, even if Upper Sensor 91 is turned on.
AVM Access Code	4 3 2 1	If F43 is on, the AVM always allows the CS operator to speak, including silent alarms (such as duress).
CS Reporting	Group 1 Sensors Group 3 Sensors 83 - Phone Test 86 - Duress	If F43 is on, these are the only sensor numbers that report to the CS.
Touchpad Operation	NA	If F43 is on, alphanumeric touchpads display DEMO KIT anytime the panel is powered up, reset, or comes out of program mode. If F43 is on, Touchpad Quiet defaults on to silence touchpad beeps.
Energy Saver	NA	If no ESM is connected to the panel, the Energy Saver appears to work but always reports a temperature of 70° F. If an ESM is connected to the panel, the Energy Saver reports the actual room temperature.

Table 2 describes additional factory programming.

**Table 2. Additional Factory Programming**

Device/Option	Group	Function
Sensor 01	10	Front Door
Sensor 02	13	Front Window
Sensor 03	01	Medical Panic
TP-01	N/A	Keychain Touchpad
F20—ON	N/A	Enables AVM

## Custom Programming

To customize demo kit programming (like a regular panel installation), refer to the *UltraGard and Custom Versions Reference Manual (466-1037)* or the *UltraGard and Custom Versions Installation Instructions (466-1034-01)*.

## FCC Notices

### Part 15 Class B

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Install a quality radio or television outdoor antenna if the indoor antenna is not adequate.
- Reorient or relocate the panel.
- Move the panel away from the affected equipment.
- Move the panel away from any wire runs to the affected equipment.
- Connect the affected equipment and the panel to separate outlets, on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.
- Send for the FCC booklet *How to Identify and Resolve Radio-TV Interference Problems*, available from the U.S. Government Printing Office, Washington, D.C. 20402. Stock Number: 004-000-00345-4.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Part 68

This equipment complies with part 68 of the FCC rules. On the FCC label affixed to this equipment is the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. If requested, provide this information to your telephone company.

FCC Registration Number: B4ZUSA-75173-KX-N

Ringer Equivalence Number: 0.3B

The REN is used to calculate the maximum number of devices your telephone line will support with ringing service. In most areas the sum of all device Ren should not exceed 5.0. Contact your local telephone company to determine the maximum REN for your calling area.

If your telephone equipment causes harm to the telephone network, your telephone company may temporarily disconnect your service. If possible, you will be notified in advance. When advance notice is not practical, you will be notified as soon as possible. You will also be advised of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper operation of your equipment. You will be given advanced notice in order to maintain uninterrupted service.

If you experience trouble with this equipment, please contact

### Interactive Technologies, Inc.

2266 Second Street North

North Saint Paul, MN 55109

1-800-777-1415

for service and repair information. The telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

## Canada Notice

The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational, and safety requirements. The department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single-line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

For your protection, make sure that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together.

### Caution!

**Do not attempt to make connections yourself. Contact the appropriate electrician or electric inspections authority.**

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the LNs of all the devices does not exceed 100.

Load Number: \_\_\_\_\_

Acceptability Number: \_\_\_\_\_

“AVIS: - L' étiquette du ministère des Communications du Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme a certaines normes de protection, d' exploitation et de sécurité des réseaux de télécommunications. Le ministère n' assure toutefois pas que le matériel fonctionnera a la satisfaction de l' utilisateur.

Avant d' installer ce matériel, l' utilisateur doit s' assurer qu' il est permis de le raccorder aux installations de l' entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. Dans certains cas, les fils intérieurs de l' entreprise utilisés pour un service individuel a ligne unique peuvent être prolongés au moyen d' un dispositif homologué de raccordement (cordon prolongateur téléphonique interne). L' abonné ne doit pas oublier qu' il est possible que la conformité aux conditions énoncées ci-dessus n' empêchent pas le dégradation du service dans certaines situations. Actuellement, les entreprises de télécommunication ne permettent pas que l' on raccorde leur matériel a des jacks d' abonné, sauf dans les cas précis prévus pas les tarifs particuliers de ces entreprises.

Les réparations de matériel homologué doivent être effectuées pas un centre d' entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander a l' utilisateur de débrancher un appareil a la suite de réparations ou de modifications effectuées par l' utilisateur ou a cause de mauvais fonctionnement.

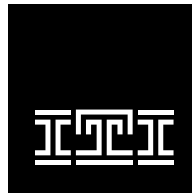
Pour sa propre protection, l' utilisateur doit s' assurer que tous les fils de mise a la terre de la source d' énergie électrique, des lignes téléphoniques et des canalisations d' eau métalliques, s' il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

**Avertissement. - L' utilisateur ne doit pas tenter de faire ces raccordements lui-meme; il doit avoir recours a un service d' inspection des installations électriques, ou a un electricien, selon le cas”.**

Une note explicative sur les indices de charge (voir 1.6) et leur emploi, a l' intention des utilisateurs du matériel terminal, doit être incluse dans l' information qui accompagne le matériel homologué. La note pourrait être rédigée selon le modèle suivant:

“L' indice de charge (IC) assigné a chaque dispositif terminal indique, pour éviter toute surcharge, le pourcentage de la charge totale qui peut être raccordée a un circuit téléphonique bouclé utilisé par ce dispositif. La terminaison du circuit bouclé peut être constituée de n' import somme des indices de charge de l' ensemble des dispositifs ne dépassant pas 100.”

L' Indice de charge de cet produit est \_\_\_\_\_.



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W I R E L E S S

Security  
Automation  
Access Control

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