One year limited WARRANTY

International Electronics Inc. (IEI) warrants this product to be free of defects in materials and workmanship, for one year. For a period of ONE YEAR following purchase, IEI will repair or replace the product free of charge, including parts, labor, return shipping to you, and handling.

After the initial one year of operation, the limited lifetime warranty will cover parts, labor, and return shipping to you, with a minimal handling charge specific to the product, as listed below:

FrontDoor Wireless Intercom: $40.00

If you have installation or operation questions or are in need of warranty service, please contact our Product Support department by email at **techsupp@nwlink.com** or call 360-254-1564 Tuesday-Friday 7-5 Pacific Time. If the issue is not resolvable, a manufacturer's warranty repair order may be issued. To have the product(s) sent for warranty service. A Return Authorization number will be issued for warranty service, which must be put on the outside of the package, to be received and handled properly. Packages for warranty service may be sent to the following address. Packages with no RA# may not be accepted.

IEI
5913C NE 127th AVE, Suite 800
Vancouver, WA 98682

Please include a note describing the problem that you are having and a copy of your original sales receipt (within the first year). If the warranty service is outside the first year, please include a check made out to IEI, based on the list of handling fees, shown above. Please note that you may need to send multiple units for warranty service, testing, and upgrading, though only the applicable fee for handling the failed unit(s) will be charged.

Please allow 2-4 weeks for service and return shipping. If an EXPEDITED repair/replacement is requested, a 100% surcharge applies. In this case, please write EXPEDITED after the RA number. IEI will attempt to return expedited repair orders within one week, except during holidays.

All repairs or replacements are at the discretion of the Manufacturer. This warranty excludes items that have been abused, altered, incorrectly installed, or repaired by an unauthorized person. Changes or modifications not expressly approved by the Manufacturer could void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment. This warranty is limited to the product only. No consequential damages are covered.

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.

International Electronics, Inc.
FCC ID: JLFODI1
IC:
Country Of Origin: USA

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Model OFD-614
5/4/2006
Patents Pending

Oracle(tm)

FrontDoor™

Wireless Doorbell and Intercom

Thank you for purchasing the Oracle FrontDoor Unit. This product has been designed and manufactured in the USA, utilizing the highest quality standards available.

No Wiring or Trenching Required

- Easy to Install
- Totally wireless
- Fully Compatible with other Oracle Intercom units
- Weather Resistant Design
- Doorbell tones for Front Door and Back Door
- Unlimited number of units can operate on a property, without interfering with other Intercom Networks
- Up to 5 Year battery life
- Penetrates buildings with ease
- Range up to 1000 feet
- Auto channel and frequency selection
- Crystal Clear, digitally secure connection
- 900 MHz Digital Radio Technology
- One year limited warranty

NOTE: This product is compatible with Oracle Portable Intercom (OPI) model 605-5 or later and/or Oracle Telephone Interface Unit (OTIU).

International Electronics, Inc.

Made With Pride In the USA.
A manufacturer's full One Year Warranty covers this product.

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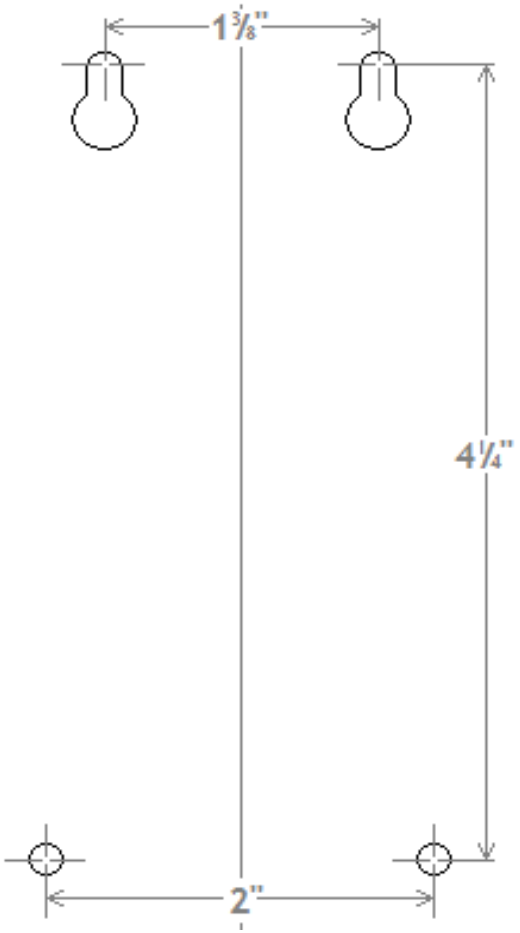
5.1 ADJUSTING THE SPEAKER VOLUME

MOUNTING TEMPLATE

(Use this template as a guide for mounting screw placement)



NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

GENERAL INFORMATION

By switching dipswitch #4 UP (away from the circuit board), you can set the Indoor/Outdoor Intercom's volume to be louder.

5.2 ADJUSTING MICROPHONE SENSITIVITY

To increase the Outdoor Intercom's microphone sensitivity, switch dipswitch #3 UP (away from the circuit board).

6.0 ALTERNATE CHIMES FOR FRONTDOOR VS. BACKDOOR

The FrontDoor can be set to ring the inside Intercom units with two alternate chime patterns, to identify which unit is signaling. Switch dipswitch #2 UP (away from the circuit board) to set a FrontDoor unit to the alternate chime tone.

7.0 TROUBLESHOOTING AND FREQUENTLY ASKED QUEST

Nothing Happens. The Intercom Does Not Function

Make sure that the Intercom has fresh batteries in it. When you press the CALL button, you should hear a tone. If the units have power but do not communicate, they may need to form a network. Press the LEARN button on each unit that needs to form a network and they will beep in response. You may need to clear their memory and re-teach them (*see How do I Clear the Intercom's Memory, below*).

The Intercom is Not Getting the Expected Transmission Range

Trees, metal, electrical wiring or other electrical devices directly between units can limit the range, as can having it mounted on a tree, masonry, or metal surface.
NOTE: STUCCO WALLS
When used in a dwelling with stucco or cement walls, the RF range can be reduced greatly. Place the repeater close to the house to mitigate this problem.

There is a Double Beep Every Ten Minutes

The intercom is indicating that the batteries are low and need to be replaced.

How do I Clear an Intercom's Memory

(Only when used in passive mode. In active mode there is no need to erase this devices memory)

Hold the LEARN button down for 20 seconds. A tone will indicate that the unit has cleared its memory and you can re-teach it to a new intercom. If an intercom signals, while the buttons are depressed, the procedure will have to be repeated.

1.1 INSTALLING THE OFD

Make sure that the "CALL" button is in easy reach of a visitor. The unit may be mounted with either the included screws or the included double-sided high strength tape.

The Oracle ***FrontDoor*** (OFD) is designed for use as a Wireless Doorbell and Intercom for residential, as well as commercial applications. It is designed to tolerate severe outdoor conditions of -40 to +85 C, as well as high humidity and condensation. Since this intercom system requires no connection to wall power, it is perfect for remote locations.

The Oracle ***FrontDoor*** (OFD) features an amazing 1000' range, and allows multiple simultaneous conversations, using a 900 MHz secure digital radio link.

Compatible with the Oracle Portable Intercom (OPI) and Oracle Flush Mount Intercom (RIFM), your intercoms form an exclusive network, and respond only to other intercoms in your network (patent pending).

When used with Oracle Telephone Interface Unit (OTIU), the Oracle FrontDoor (OFD) will ring your telephones and allow you to speak with the visitor. No wiring of any kind is required. Simply plug into any phone jack and receive your visitors on the phone. Features Caller ID and much more.

PARTS SUPPLIED WITH OFD SINGLE UNIT

1 - Oracle FrontDoor Unit (OFD)
2 – Black #8 X ¾ Assembly Screws
4 – Silver #4 X ¾ Mounting Screws
1 – Piece of 3M High Strength Mounting Tape

PARTS SUPPLIED WITH OFD/OTIU KIT

All of the parts supplied with the OFD plus:
1 - Oracle Telephone Interface Unit (OTIU)
1 – Instructions for Installing the OTIU
1 - Antenna
1 – 18V Power Adapter
1 – Phone Cord
1 – Set of 4 Bumper Feet

PARTS SUPPLIED WITH OFD/OPI KIT

All of the parts supplied with the OFD plus:
1 – Oracle Portable Intercom (OPI)
1 – Instructions for Installing the OPI
1 – Set of 4 Bumper Feet

C. ACTIVATING THE OFD WITH A REPEATER - CON'T

NOTE: If the Repeater Units have not been previously activated to anything within an existing network, please follow the directions found

either the included screws or the included double-sided high strength tape.

A. MOUNTING THE OFD WITH SCREWS

To mount the FrontDoor, use the included mounting template (see page 11) as a guide for screw placement. Tighten the top two screws halfway. Place the back of the Intercom on the two screws, slide the unit down and tighten. Put the other two screws in the bottom holes and tighten (see Figure 1).

Note: Do not assemble the front of the unit until it has been activated.

B. MOUNTING THE OFD WITH MOUNTING TAPE

To mount the Intercom on a metal, glass, or other smooth surface where you wouldn't want to use screws, use the double-sided mounting tape.

Note: For best results, clean both surfaces that the double-sided mounting tape will be in contact with, using the included alcohol wipe.

Peel the protective paper off of the mounting tape and firmly press it onto the back of the Intercom (see Figure 1). Press firmly on the back of the tape; to push out any trapped air bubbles. When ready to do so, peel the red protective paper from the mounting tape and firmly press the intercom on to the surface that you wish to mount it on.

Note: Do not assemble the front of the unit until it has been activated.

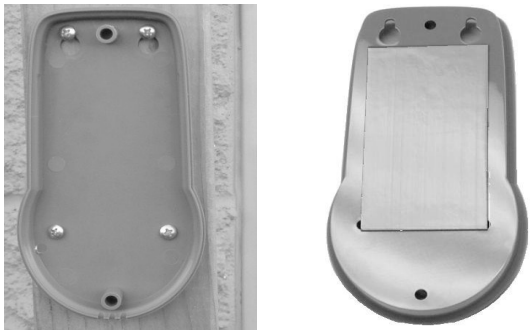
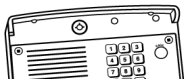
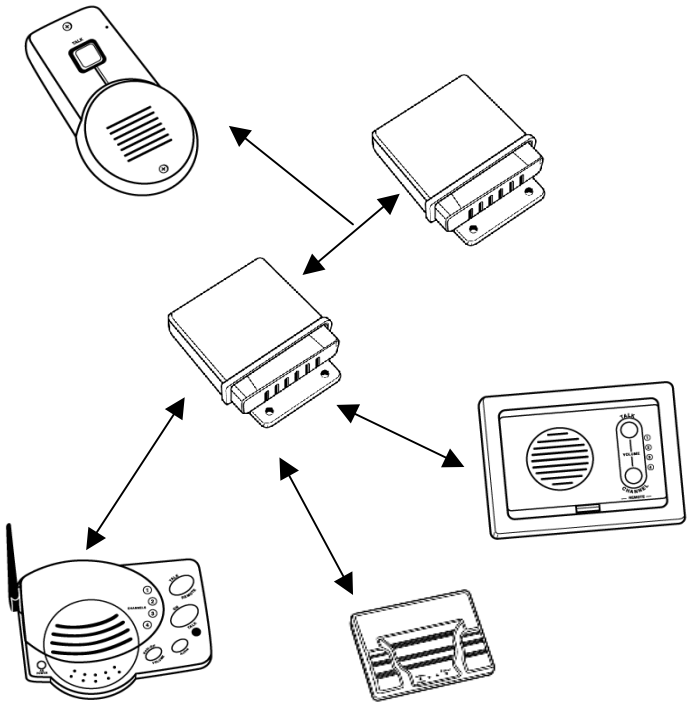


Figure 1

B. ACTIVATING AN OFD WITH A GATE ACCESS PANEL (GAP)



NOTE: If the Repeater Units have not been previously activated to anything within an existing network, please follow the directions found in the Oracle Wire-free Repeater product manual.



3.0 ASSEMBLING THE INTERCOM

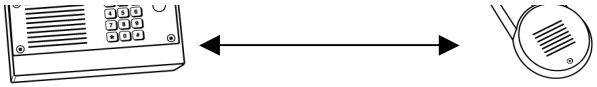
Put the two halves of the Intercom body together. Place the two black screws in the top and bottom holes on the front of the Intercom and tighten. The Intercom is ready to use.

4.0 USING THE INTERCOM

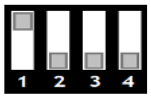
To talk, hold down the "CALL" button. All intercom units in your network will receive the signal. When somebody responds by holding down the "CALL" button on a different intercom unit, a secure channel is created and other units will not hear the signal, making your conversation secure.

1.2 INSTALLING THE BATTERIES

Place four AA Alkaline batteries in the battery pack. The batteries should last one year with average use.



To set a FrontDoor unit to Passive Mode, switch dipswitch #1 UP (away from the circuit board).



Note: Any Intercoms that had been taught to this unit will have to have their memory cleared and be re-taught to the Active Unit in the network as if they were newly installed.

Note: Both steps 1 & 2 must occur within 20 seconds of each other.

1. To activate the Passive FrontDoor, press the LEARN button inside the FrontDoor unit for a second (until you hear a beep) and release it.

2. Enter the Master PIN number on the GAP:
   For example: **1 2 3 4**
   Then enter: **0 5**
   After the "BEEP" press "CALL".

3. You will hear a tone indicating a successful activation.

4. Proceed to Section 3

C. ACTIVATING THE OFD WITH A REPEATER
(WITHIN AN EXISTING NETWORK)

Note: Both steps 1 & 2 must occur within 15 seconds of each other.

1. To activate the Passive FrontDoor, press the LEARN button inside the FrontDoor unit for a second (until you hear a beep) and release it.

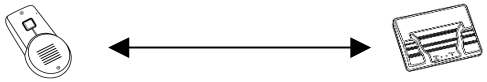
2. Press the LEARN button on ONE of the Repeater Units. The LED by the LEARN button will light up for several seconds and then will go out, indicating a successful activation.

3. Proceed to Section 3

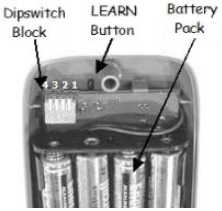
(See next page for an example of an existing network with an OFD and Repeater).

2.1 ACTIVATING AN INTERCOM NETWORK - CON'T

C. ACTIVATING THE OFD WITH AN OTIU



Note: If used in location that will be below -10°C (20°F) Lithium batteries are recommended.

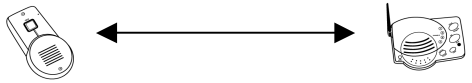


2.1 ACTIVATING AN INTERCOM NETWORK

The FrontDoor must be taught to an intercom to form an intercom network, or must be taught into an existing network (See "Activating into an Existing Intercom Network"). The FrontDoor is fully compatible with other Oracle System Intercoms.

A. ACTIVATING THE OFD WITH AN ORACLE PORTABLE

Note: Both steps 1 & 2 must occur within 15 seconds of each other.



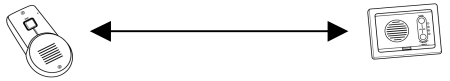
1. Press and release the LEARN button on an Oracle Portable Intercom (OPI).

2. Press the LEARN button inside the FrontDoor unit for a second (until you hear a beep) and release. The OPI will sound a tone indicating a successful activation.

3. Proceed to Section 3

B. ACTIVATING THE OFD WITH A FLUSH MOUNT

Note: Both steps 1 & 2 must occur within 15 seconds of each other.



1. On a Flush Mount Intercom, hold down both buttons for 3 seconds, until the channel lights start flashing quickly.

2. Press the LEARN button inside the FrontDoor unit for a second (until you hear a beep) and release. The Flush Mount will sound a tone indicating a successful activation.

3. Proceed to Section 3

B. ACTIVATING ADDITIONAL INTERCOM UNITS BACK INTO THE NETWORK

Note: Both steps 1 & 2 must occur within 15 seconds of each other.

1. Press and release the LEARN button on an un-activated Oracle Intercom (On a Flush Mount Intercom hold down both buttons for 3 seconds, until the channel lights start flashing quickly).

Note: Both steps 1 & 2 must occur within 20 seconds of each other.

1. Using the phone that is connected to the OTIU, once you hear a dial tone press:

   [*] [*] [0] [7] "BEEP"

   Hang up and the LEARN light will flash for up to 15 seconds. If it does not and you hear an error tone, check the OTIU manual.

2. On the FrontDoor, press and hold down the learn button for 1 second, to put it into learn mode.

3. The OTIU will ring the telephone and a Caller ID will display "Unit Learned".

4. Proceed to Section 3

2.2 ACTIVATING INTO AN EXISTING INTERCOM NETWORK

A. ACTIVATING THE OFD TO THE MAIN INTERCOM UNIT

Note: If the existing network contains a GAP, MiniGAP, or another FrontDoor see "Multi-FD Mode".

To activate a FrontDoor into an existing intercom network, the memory on each of the Intercoms to be used, needs to be cleared.

Note: To clear the memory on an Oracle Intercom, hold down the learn button for up to 20 seconds until a tone is heard.

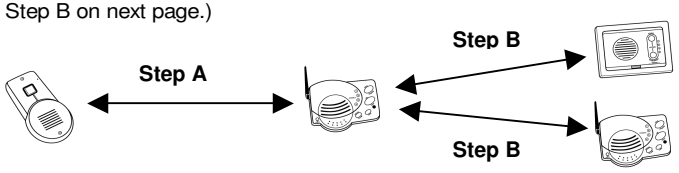
Note: To clear the memory on a Flush Mount Intercom, hold down both buttons of the Intercom for up to 20 seconds until a tone is heard.

Note: Both steps 1 & 2 must occur within 20 seconds of each other

1. Press and release the LEARN button on an Oracle Intercom (On a Flush Mount Intercom hold down both buttons for 3 seconds, until the channel lights start flashing quickly).

2. Press and release the LEARN button inside the FrontDoor unit.

Note: Activate all other Intercoms to this Intercom, NOT to the FrontDoor. (See example below and Step B on next page.)



channel lights start flashing quickly).

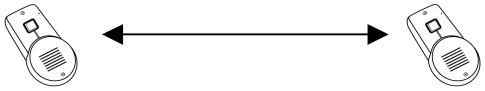
2. Press and release the LEARN button on the activated Oracle Intercom or Flush Mount Unit.

3. Proceed to Section 3

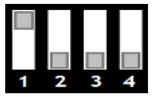
2.3 MULTI-OFD MODE

An Oracle FrontDoor (OFD) unit is an 'Active' unit that takes control of the Intercom Network. If you wish to have a second (or multiple) Oracle Frontdoor unit in the network, or if using the Frontdoor with an Oracle Gate Access Panel, or MiniGAP, then it will have to be placed in Passive mode. The Passive FrontDoor will become an accessory to the Primary FrontDoor or Gate Access Panel.

A. ACTIVATING AN OFD WITH AN OFD



To set a FrontDoor unit to Passive Mode, switch dipswitch #1 UP (away from the circuit board).



Note: Any Intercoms that had been taught to this unit will have to have their memory cleared and be re-taught to the Active Unit in the network as if they were newly installed.

Note: Both steps 1 & 2 must occur within 20 seconds of each other.

1. To activate the Passive FrontDoor, press the LEARN button inside the FrontDoor unit for a second (until you hear a beep) and release it.

2. Press the LEARN button inside the primary FrontDoor unit for a second (until you hear a beep) and release it.

3. You will hear a tone indicating a successful activation.

4. Proceed to Section 3

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