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# INSTRUCTION/INSTALLATION SHEET inQuire™ 1000 Intercom Door Unit

IS-0368 REV. O

## 1. Introduction

The On-Q /Legrand inQuire™ 1000 Intercom Door Unit, PN F7596-XX (see **Figure 1**), is a weather resistant door unit that allows a visitor to notify the occupants of their presence by pushing the door chime button (requires Door Chime to be installed). The occupants can then initiate two-way communications with the visitor and open the door (requires separate door release device). The Door Unit is available in white (-WH), shiny brass (-SB), antique brass (-AB), brushed stainless (-BS), or oil-rubbed bronze (-OB).



Figure 1

## 2. Description

The Door Unit is weather-resistant and contains a speaker, microphone and button to ring the door chime (requires Door Chime to be installed). The high quality speaker and microphone provide superior sound quality. The Door Unit is installed in a 2-gang outdoor weatherproof box typically at electrical switch box height.

## 3. Installation

Installation of the inQuire™ 1000 Door Unit is best accomplished at multiple times during new construction, at “Rough-in” before the drywall and siding is installed, and at “Trim-out” after the drywall is installed.

### A. “Rough-in” steps:

1. Run a Cat 5 cable from the Enclosure where the inQuire™ 1000 Intercom Module will be installed to the 2 gang box at the Door Unit location.

**NOTE: It is important to keep all Category 5e cable runs, regardless of use, at least 12 inches away from AC electrical cables. If it proves necessary to cross an existing AC cable, do so only at a 90 degree angle.**

### B. “Trim-out” steps:

**NOTE: All terminations can be correctly completed by following the T568A pin assignments. It is important that you accurately terminate using T568A at all locations. There are two different types of terminations you will encounter when installing the inQuire™ 1000 Intercom System: RJ45 plugs on the Modules, the Main Console and the Room Unit and 110 punchdown blocks on Door and Patio Units. Refer to **Figure 2** for correct T568A termination for both RJ45 plugs and 110 punchdown blocks.**

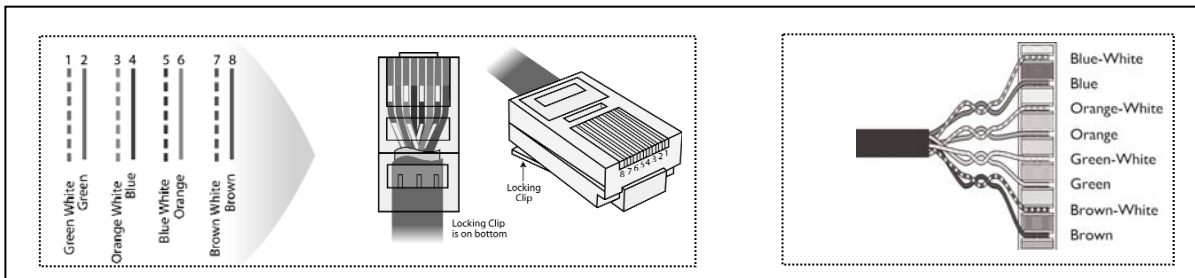
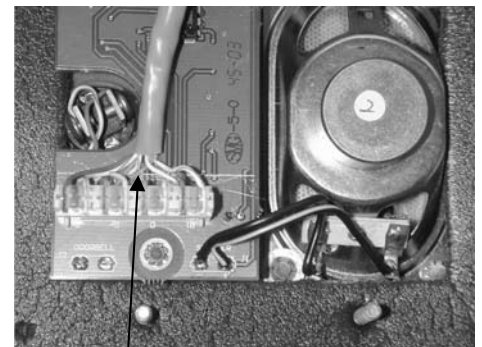


Figure 2

**NOTE: Make sure that the included weather proofing gasket is placed over the Door Unit circuit board and speaker before terminating the Cat 5 cable.**

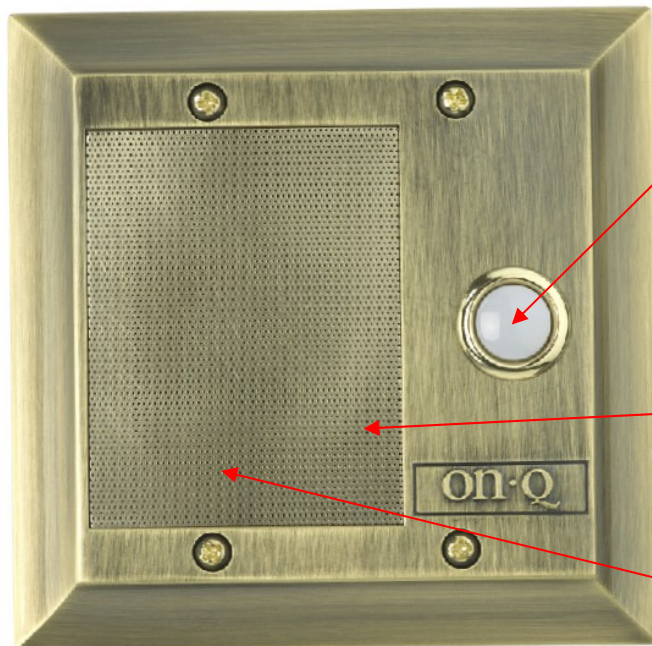
1. As shown in **Figure 3**, punchdown the Cat 5 cable onto the 110 punchdown block on the rear of the Door Unit. Follow the T568A standards described in **Figure 2**.
2. Insert the Door Unit with the gasket in position and the Cat 5 cable into the 2 gang box and secure the unit to the box using the 4 included screws.
3. Terminate the other end of the Cat 5 cable, at the inQuire™ 1000 Intercom Module, with an RJ45 plug using the T568A wiring standard.
4. Insert the RJ45 plug into one of the DOOR UNIT jacks on the Intercom Module. If this is the third Door Unit in the system, then insert the plug into port 12 and remove the shunt from J1 on the rear of the Intercom Module.
5. Apply power to the Intercom Module and verify system functionality.



**Figure 3**  
 1/2" maximum untwisting  
 gasket

#### 4. Other Information:

Please refer to **Figure 4** to familiarize yourself with the operation of the inQuire™ 1000 Door Unit.



**Figure 4**

**Door Chime Button:** When a visitor pushes this button, the Door Chime will be heard throughout the home at each active intercom unit. The occupants of the home can then press the Door button at any intercom unit to answer the door. The visitor will hear the occupant over the Door Unit speaker and be able to talk to them over the Door Unit microphone. The occupant may also choose to release the electronic door latch (if equipped) and let the visitor in.

**Microphone**

**Speaker**