Gamewell FCI FIRE CONTROL INSTRUMENTS by Honeywell

Safety Bulletin

Date: March 10, 2008 No. S08.1

To: Gamewell-FCI Engineered Systems Distributors

* * * Important Notice for Gamewell-FCI Distributors * * *

7100 Series Required Piezo Sounder Field Upgrade

We have recently become aware of a potential piezo sounder failure on the 7100 Series fire alarm control panel caused by over voltage.

Over time, over voltage can result in piezo failure resulting in a loss of audible indication of system alarm, trouble or supervisory conditions at the control panel. As a result, end users may not get audible indications in situations where service to correct system deficiencies is necessary. Ultimately, failure to address such system deficiencies in a timely manner could compromise the proper operation of the system.

Piezo sounder failure due to over voltage is limited to 7100 Series panels manufactured between May 1, 2007 and November 26, 2007. Such units can be identified by the date code label on the main circuit board (fig.1). The code is sequential and is read as week and year. For example, May 1, 2007 is the 17th week of 2007 and given code **1707**. The date code range of affected units is **1707** to **4707** inclusive.

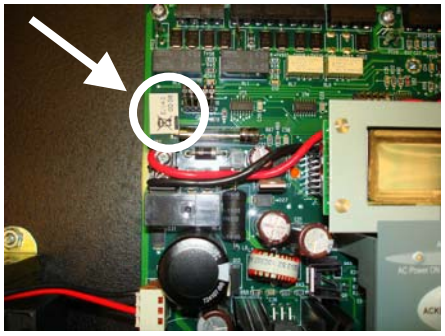


Fig. 1: Date Code Location

Please note that although audible indication may be lost at the panel, visual indication and all panel control functions, alarm notification appliances, remote annunciators and central stations dialers <u>are unaffected and will continue to operate normally</u>.

<u>Corrective Action</u>

To help ensure all installed 7100 panels manufactured during the May – November 2007 period have functioning audible indication at the panel, an auxiliary sounder module (part no. SM7100) is now available to back-up the main circuit board piezo sounder (fig. 2). As described more fully below, we will ship a supply of auxiliary sounder modules to you to perform the field upgrade. This corrective action is conducted in cooperation with the U.S. Consumer Product Safety Commission under its Fast Track Product Recall Program, and it will be monitoring the effectiveness of this program.

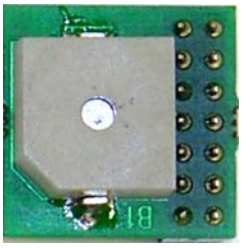


Fig. 2: SM7100 Auxiliary Sounder Module

Installation of this auxiliary piezo sounder will provide audible indication at the panel during system alarm, trouble or supervisory conditions. The auxiliary sounder is designed to operate in addition to the main circuit board sounder or, in the event the main sounder should fail, as a substitute for it.

Proper installation of the auxiliary sounder module and following all instructions provided will help make certain the 7100 Series control panel remains UL® listed.

(more)

The SM7100 auxiliary sounder module attaches easily to the J8 connector found on the upper right hand corner of the 7100 main circuit board (figs. 3, 4). An overview of the installation process is given below. Complete instructions are included with the SM7100 shipping assembly.

1. Confirm manufacturing date code
2. Update FACP firmware to the correct revision level
3. Install SM7100 onto main circuit board
4. Test system and update service records
5. Complete and return Notification of Compliance form

Your account will be credited $150 for each system SLC once the completed Notification of Compliance forms are returned to Gamewell-FCI.

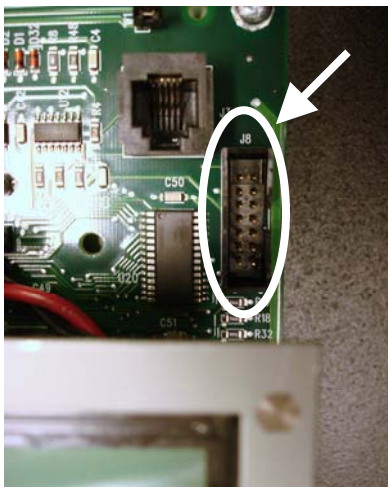


Fig. 3: J8 Connector Location

Implementation

Our records show you received one or more units of the following models made during the affected period:

Part No.	Description (non-DACT models)
1100-1311	BK-7100-2 Basic Systems Kit, 2 SLC
1100-1313	BK-7100-2-240V Basic Sys Kit, 2 SLC, 240 V
1100-1351	7100 Series Basic Systems Module, 1 SLC
1100-1238	7100-1 Addressable System, 1 SLC w/cabinet

Part No.	Description (DACT models)
1100-1312	BK-7100-2D Basic Systems Kit, w/ DACT, 2 SLC
1100-1352	7100 Series Basic Systems Module, w/DACT, 1 SLC
1100-1237	7100-1 Addrsble FACP w/DACT, 1 SLC with encl.

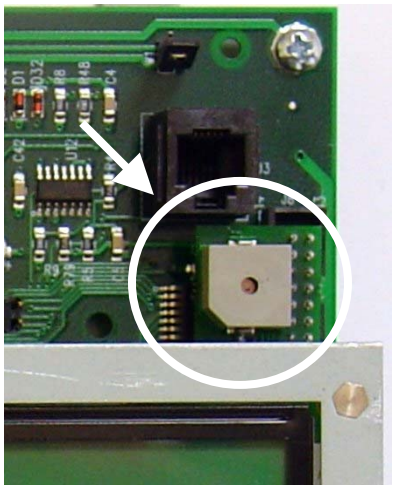
In the next few weeks you will receive one or more shipments of the SM7100 sounder module in quantities sufficient to service your installations. Each unit shipped will include an auxiliary sounder module, instructions and a Notification of Compliance form. A firmware revision must be loaded into the 7100 Series control panel to activate the SM7100 sounder module. Obtain this 7100 firmware revision in the usual manner from the Gamewell-FCI ESD website.

We recommend the following sequence of action for planning your field upgrade implementation:

- Return any affected 7100 panels in stock for replacement or refund*
- **Upgrade non-DACT 7100 Series installations as priority**
- Upgrade DACT 7100 Series installations

Please return any unused SM7100 modules to Gamewell-FCI.

Finally, feel free to contact your RSM with any questions about this Safety Bulletin. For technical or firmware questions, call Tech Support at 800-274-4324 (781-471-3000 outside the USA). We regret any inconvenience this action may cause you and your customers and truly appreciate your assistance in this important matter.


Fig 4: SM7100 Installed on Main Circuit Board

Sincerely,

John Weaver
Marketing Director
Gamewell-FCI

*Shipping cartons have colored date code stickers next to the carton label and read as follows:

U	V	W	X	Y	A	B
May	Jun	Jul	Aug	Sep	Oct	Nov