TECHNICAL BULLETIN

BALDWIN BOXALL
LEADING THE WAY TO SAFETY

BBTB Date:	**01 Sept 2022**
BBTB Number:	**BBTB-089**
BBTB Title:	**PA/VA Fire Panel Integration**
System Description:	**Configuration for Fire Panels that do not provide a Reset**
Product(s) Affected:	**PA/VA Systems**
Reference:	**ECR4784**
Priority:	**3**

1 - Essential: Action is Recommended

2 - Important: Product Form / Fit / Function has been changed (may affect compatibility)

3 - General: For information / reference

4 - Obsolescence: Notification of Component or Product Obsolescence

DESCRIPTION

Where possible, Baldwin Boxall will ensure compatibility with existing equipment on site and this includes compatibility with existing and legacy Fire Panels.

There may be situations where the currently installed Fire Panel can only provide an Active Trigger signal for the PA/VA system, and cannot provide a "Reset" trigger.

SITE SPECIFIC MODIFICATIONS

> *Note:*
> *As supplied, EN54-16 and BS5839-8 compliant systems will be configured to use both FPI Trigger inputs and FPI Reset inputs.*

If a Reset signal is not provided by the Fire Panel it is possible to adapt the trigger methodology to allow operation of the PA/VA system:

- Ensure the Fire Panel provides a permanent trigger when active,

- Locate & identify the relevant Reset FPI input associated with the trigger,

- Connect a local 24V DC supply across the relevant Reset Input (permanently active),

- During commissioning, ensure the PA/VA system becomes active when the Fire Panel is active and the PA/VA silences when the Fire Panel ceases activity.

BS5839-8 Clause 7 Variations

BS5839-8 Clause 7 specifically states that variations from the requirements of the standard must be recorded.

During commissioning, ensure the modification and the change to accepted methodology regarding FPI Triggers and Reset inputs is clearly recorded on commissioning forms.

Customer Services Contact Details

For further assistance with any aspect of this Technical Bulletin please contact:

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