

## DESCRIPTION

DATE: March 2006

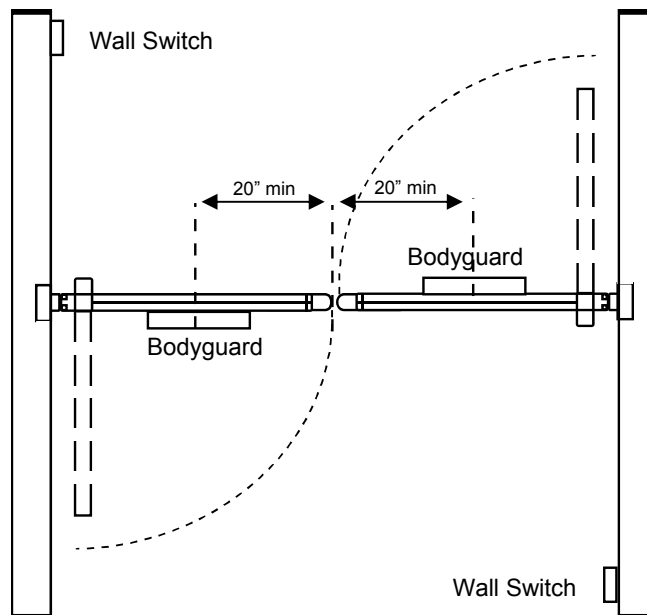
SUBJECT: Installing and Configuring the Bodyguard-III for Dual Egress Applications

- The purpose of this bulletin is to show proper mounting location and utilize the enhanced features of the Bodyguard III to reduce the potential for cross talk when used in double egress applications.

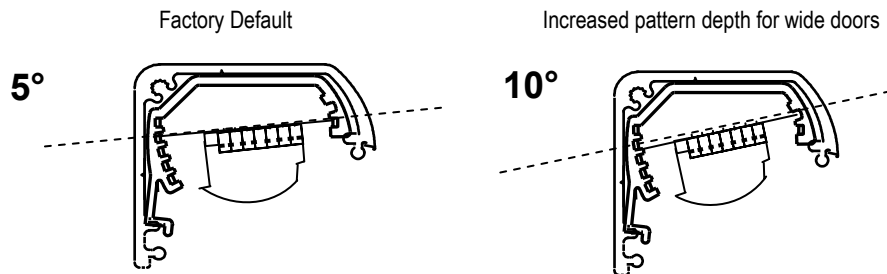
## GUIDELINES

### Installing the Bodyguard III in Dual Egress Applications

- Mount the Bodyguard III on the bottom of each header above each single door leaf, ensuring that the Bodyguard III's are a minimum of 40" apart.



- It is highly recommended that a BEA Body mount be installed if Superscans are installed on the door or if the reveal is 3" or less on the swing side of the door.
- Ensure that the PCB is properly aligned in the white clip for your application.



### Configuration of the Bodyguard III

- Place the doors in the hold open position. Unlock the sensor and set the **open door** Pattern Depth to 5 (Medium pattern) as following:

Using the BEA remote control:



This key sequence will turn off the threshold IR while the door is in the open position, reducing the possibility of sensor cross talk. This function should be changed on both of sensors.

- The infrared frequency function may be changed to reduce the possibility of sensor cross talk.

Change frequency on **one** of the sensors:



- In some applications where high gloss floors or many doors are installed such as in vestibules change to a different mode as well:

Change sensor one to:



Change sensor two to:



	MODE / INTENSITY	FREQUENCY
1	NORMAL	LOW
2	NORMAL	HIGH
3	QUIET	LOW
4	QUIET	HIGH

The QUIET mode uses a different pulsing pattern to avoid interference with other infrared systems. The NORMAL mode transmits more energy and detects slightly in a more crisp fashion. The NORMAL mode is recommended for installations with only one door.

#### IDENTIFICATION

The Bodyguard III is identifiable by the white 10 pin connector located directly behind the green 7 pin screw terminal.

#### PRECAUTIONS



The above are only recommendations. Always walk test the door to ensure compliance with ANSI/BHMA A156.10-2005.

#### COMPANY CONTACT

**CAUTION:** DO NOT LEAVE PROBLEMS UNRESOLVED. IF YOU MUST WAIT FOR THE FOLLOWING WORKDAY TO CALL B.E.A., LEAVE THE DOOR INOPERABLE UNTIL SATISFACTORY REPAIRS CAN BE MADE. NEVER SACRIFICE THE SAFE OPERATION OF THE AUTOMATIC DOOR OR GATE FOR AN INCOMPLETE SOLUTION.

If after troubleshooting a problem, a satisfactory solution cannot be achieved, please call B.E.A., Inc.:

**24 hour, 7 days a week:**

**US and Canada: 1-866-249-7937**

**West: 1-888-419-2564**

**Midwest: 1-888-308-8843**

**Southeast: 1-800-407-4545**

**Northeast: 1-866-836-1863**

**Canada: 1-866-836-1863**

You may also visit our website at: [www.beainc.com](http://www.beainc.com)