

ES411
ES4300
ES440
ES4600
ES5200
ES600
ES810
ES840
ES850

1.
 - **Security/Monitoring**
 - **Stand Alone Controlled Access**
 - **Access Control System Enhancement**

1.1 **System Description**

1.1.1 **Voice Prompt DMA - ES4600**

The ES4600 shall be installed at a door to provide local (digital recorded voice) and remote (alarm contact) annunciation of “Door Prop/Door Held” or “Forced Door Violations”. The Voice Prompt DMA shall provide verbal messages to advise employees/tenants of a pending or actual “Door Held” violation as follows: When the monitored door is held open longer than the field settable access period (adjustable from 0 seconds to 90 minutes), the voice board issues a repeated Alarm Delay message such as “Please Close the Door” to inform the user of a pending security violation. If the door is closed at this time, the message is terminated. If the monitored door remains open beyond the Alarm Delay time period (adjustable from 0 seconds to 5 minutes), the voice board issues a repeated alarm message such as “Security Violation ... Close the Door”. Upon issuance of the alarm message, the Voice Prompt DMA activates an alarm contact for remote indication of the “Door Prop/Door Held” violation. This DMA will also annunciate Forced Doors with a voice message and relay output.

1.2 **Technical Specifications**

1.2.3 **Voice Prompt DMA**

1.2.3.1 The Voice Prompt DMA shall meet the following minimum specifications:

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|---------------------|---|
| Power Requirements: | 12-24 VAC/VDC @ 500 mA. |
| Local Control: | Key switch for alarm override. |
| Control Input: | <ul style="list-style-type: none"> • Normally closed (Closed Loop) door contact. • Dry contact shunt (N/O or N/C field selectable). • Voltage sense shunt. • N/O remote reset/bypass. • Volume control for speaker output. |
| Output: | <ul style="list-style-type: none"> • 4 Form C relay contacts - 1 amp @ 30 VDC. • Auxiliary audio output - 8 ohms. (Door Status; Bypass Status; Forced Door, & Propped Door Alarm) |
| Access Period: | Adjustable zero (0) to ninety (90) minutes. |
| Alarm Delay: | Adjustable zero (0) to five (5) minutes. |
| Auto Reset Period: | Adjustable zero (0) to five (5) minutes, or manual. |
| Mounting: | Flush/surface mount in two (2) gang - 3.5” deep electrical box. Tamper resistant fasteners shall be used to secure the Voice Prompt DMA to the back box. |

1.2.3.1 The Voice Prompt DMA is manufactured in the USA.

1.2.3.3 The Voice Prompt DMA is a Designed Security, Inc., Model ES4600.