



**VA-DLC-100: Dummy Load Capacitor Module 100V SP-line**  
**VA-DLC-70: Dummy Load Capacitor Module 70V SP-line**

The VA-DLC-100/VA-DLC-70 dummy load capacitor module is used for the speaker line surveillance based on impedance measurement. When a number of speakers are installed with long wires, the VA-DLC-100/VA-DLC-70 can provide a reliable monitoring method to detect the open circuit of entire speaker line even the last speaker.

The VA-DLC-100/VA-DLC-70 has a 4-step DIP switch, and each step refers to individual speaker line power load. To know which step to switch, utilizes the Setup Wizard on the LCD front panel of BTQ-VM4/VM8 controller or BOUTIQUE web browser, and it will automatically calculate the speaker line power load. Both 100V and 70V speaker lines are supported.

**DIP SWITCH SETTING**

- 1 step: 0 to 62W speaker load
- 2 step: 62 to 125W speaker load
- 3 step: 125 to 250W speaker load
- 4 step: above 250W speaker load

**ELECTRICAL**

- Voltage: 100V or 70V loudspeaker line
- Load: 62W, 125W, 250W, above 250W

**CERTIFICATIONS AND APPROVALS**

Europe	Voice Alarm	EN54-16 (In process)
Europe	CE/EMI	EN55032: 2015 AC: 2016 Class A (In process)
Europe	CE/EMC	EN61000-3-2:2014 EN61000-3-3:2013 EN55020:2007/A11:2011 (In process)
Europe	CE/LVD	EN60065: 2014 (In process)
USA	Mass Notification Systems	UL2572 (Pending)
USA	Safety	UL60065 (Pending)

**MECHANICAL**

- Dimensions (W x H x D): 80 x 10 x 60 mm (3.1 x 0.4 x 2.4 inch)
- Weight: 0.22 lbs (0.1 kg)

**ENVIRONMENTAL**

- Operating temperature: -5 °C ~ +55 °C (+23 °C ~ +131 °C)
- Storage temperature: -40 °C ~ +70 °C (-40 °C ~ +158 °C)
- Relative humidity: 20% to 95%

**ORDERING INFORMATION**

- VA-DLC-100: Dummy Load Capacitor Module 100V SP-line,4pcs/PKG
- VA-DLC-70: Dummy Load Capacitor Module 70V SP-line,4pcs/PKG