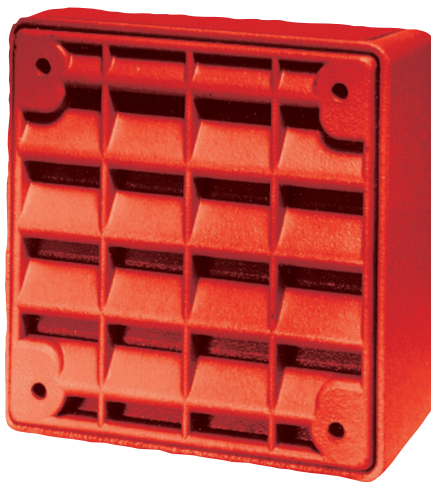


ET-1080-R Vandal-resistant Speaker

www.boschsecurity.com



BOSCH
Invented for life



- ▶ 25 VRMS or 70 VRMS operation up to 8 W
- ▶ Low average current draw
- ▶ Extra protection and improved audibility through sealed-back speaker construction and vandal-resistant grill
- ▶ Compatible with SM and DSM Synchronization Modules
- ▶ Easy wiring with screw terminals

The Wheelock ET-1080-R Vandal-resistant Speaker meets the critical needs of the life safety industry for voice and tone signaling. It has a vandal-resistant die-cast grill and a sealed-back speaker for extra protection.

The high-efficiency speaker is designed for multiple power requirements with high dBA output at each power tap. It provides a choice of field-selectable taps from 0.125 W to 8 W across a frequency range of 400 Hz to 4 kHz for either 25 V and 75 V audio systems.

Certifications and approvals

Cooper Wheelock, Inc. holds these Listings and Approvals:

Region	Certification	
USA	UL	UEAY: Speakers (UL464), UUMW: Speakers and Amplifiers for Fire Protective Signaling Systems (UL1480, UL1711, and UL2043)
	CSFM	see our website

Installation/configuration notes

Compatible Products

The following products are compatible with the ET-1080 Speakers:

Category	Product ID	Product Description
Control Panels	D7022 ¹	Conventional FACP
	D7024 ²	Addressable FACP
	D7024	Conventional FACP
	D8024 ¹	Analog FACP
	D9124 ¹	Addressable FACP
	D10024A ¹	Analog FACP
	FPD-7024 ²	Addressable FACP
Modules	FPD-7024	Conventional FACP
	SM-12/24-R	Synchronization module (red)
	DSM-12/24-R	Dual synchronization module (red)

These speakers are compatible with Wheelock SAFEPATH4 Facility Communication Systems and Bosch Voice Evacuation Systems.

¹ For synchronization, use the SM or DSM modules with these control panels. The synchronization module must be set for 24 V operation. When used, the D7022 must be set for 24 VDC operation.

² When used with a D7039 Multiplex Expansion Module, the D7024 and FPD-7024 become addressable fire alarm control panels (FACPs).

Mounting

These speakers mount on the indicated back boxes for the indicated applications:

	Conduit Applications	Surface Mounted	Flush Mounted
Four-inch square*			•
SBB Back Box	•	•	

* Requires an SER extension ring.

Wiring

The input terminals accept wires with diameters between 18 AWG and 12 AWG (ISO 0.75 mm² and 4 mm²).

Parts included

Quant.	Component
1	Speaker
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Voltage (Input):	24 VDC nominal; 16 VDC or FWR to 33 VDC or FWR
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Environmental

Relative Humidity:	Up to 85%, non-condensing
Temperature (Operating):	+32°F to +120°F (0° to +49°C)

Mechanical

Dimensions:	4.375 in. square x 4.125 in. deep ¹ (11.1 cm square x 10.5 cm deep ¹)
Material:	Die-cast, high-impact plastic

¹ When used in flush-mount installations, the unit extends 1.9375 in. (4.9 cm) from the mounting surface.

Speaker dB at 10 ft (3 m)

1/8 W	78 dB
1/4 W	81 dB
1/2 W	84 dB
1 W	87 dB

2 W	89 dB
4 W	93 dB
8 W	96 dB

Ordering information

ET-1080-R Vandal-resistant Speaker

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Order number **ET-1080-R**

Accessories

SBB-R Surface-mount Back Box (red)

14 cm (5.5 in.) x 14.2 cm (5.6 in.) x 9.1 cm (3.6 in.)
Order number **SBB-R**

SFP-R Semi-flush Plate (red)

15.2 cm (6 in.) square by 0.8 cm (0.3125 in.) thick
Order number **SFP-R**

SSB-4 Ceiling Support Bridge

60.3 cm (23.75 in.) long by 16.5 cm (6.5 in.) wide
Order number **SSB-4**

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