BOSCH

Invented for life

ET-1010 Series Vandal-resistant Speakers

- ▸ **25 VRMS or 70 VRMS operation up to 8 W**
- ▸ **Low average current draw**
- ▸ **Extra protection and improved audibility with sealed-back speaker construction and vandal-resistant grill**
- ▸ **Compatible with SM and DSM Synchronization Modules**
- ▸ **Easy wiring with screw terminals**
- ▸ **Complies with RFI limits of FCC Part 15, Class B for compatibility with sensitive detection and communication circuits**
- ▸ **Meets or exceeds NFPA and ANSI standards**

The Wheelock ET-1010 Speakers meet the critical needs of the life safety industry for voice and tone signaling in both indoor and outdoor applications. They have a vandal-resistant die-cast grill and a sealed-back speaker for extra protection.

The high-efficiency speaker is designed for maximum output at a minimum wattage across a frequency range of 400 Hz to 4 kHz. It covers both 25 V and 75 V audio systems with a series of wattage taps from 0.125 W to 8 W.

CBFP	City of Chicago Bureau of Fire Protection
NYC/MEA	151-93-E, Vol. 14
ANSI	Complies with American National Standards Institute ANSI 117.1
FCC	Complies with Federal Communications Commission FCC Part 15, Class B
NFPA	Complies with National Fire Protection Association NFPA 72
OSHA	Complies with Occupational Safety and Health Administration OSHA 29 Part 1910.165

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	7320-0785: 105

Installation/Configuration Notes

Compatible Products

The following products are compatible with the ET-1010 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
Modules	SM-12/24-R	Synchronization module (red)

Category	Product ID	Product Description
	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 becomes an addressable fire alarm control panel (FACP).

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 (1.2 mm) and 12 AWG (2.3 mm).

Parts Included

Quant.	Component
1	Speaker
1	Hardware pack
1	Literature pack

Technical Specifications

Environmental Considerations

Relative Humidity:	Up to 95%, non-condensing
Temperature (Operating):	-31°F to +150°F (-35°C to +66°C)

Mechanical Properties

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.

Power Requirements

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

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-1010-R Vandal-Resistant Speaker (red) Red, vandal-resistant, 24 VDC device providing dual voltage capability (25 VRMS or 70 VRMS),and field-selectable taps from 1/8 W to 8 W	**ET-1010-R**
ET-1010-W Vandal-Resistant Speaker (white) White, vandal-resistant, 24 VDC device providing dual voltage capability (25 VRMS or 70 VRMS),and field-selectable taps from 1/8 W to 8 W	**ET-1010-W**

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.)	**SBB-R**
SBB-W Surface-mount Back Box (white) 14 cm (5.5 in.) x 14.2 cm (5.6 in.) x 9.1 cm (3.6 in.)	**SBB-W**
SFP-R Semi-flush Plate (red) 15.2 cm (6 in.) square by 0.8 cm (0.3125 in.) thick	**SFP-R**
SSB-4 Ceiling Support Bridge 60.3 cm (23.75 in.) long by 16.5 cm (6.5 in.) wide	**SSB-4**