



Mini Horn

FW972MW/FW972MR

FW972MW-N/FW972MR-N

DESCRIPTION

The FW972MR & FW972MW (with silence button) and FW972MR-N & FW972MW-N (without silence button) Mini Horns are conventional audible signal appliances that operate on Maple Armor's NAC, listed according to UL 464 and ULC-S525 for indoor use. When the polarity of the NAC circuit is switched from supervision to alarm activation, the device sounds with Temporal 3 code. The horns offer three sound level settings. A button is contained that when pressed will allow the device to be silenced for 10 minutes before resounding.

ATTENTION

The product must be used within its published specifications and properly installed, operated, and maintained, in accordance with these instructions. Users are solely responsible for determining whether a product is suitable for the user's purposes or achieves the intended results. Read the instructions carefully before using this product. Failure to comply with any of the instructions, cautions, and warnings could result in improper application, installation and/or operation of these products in an emergency situation.

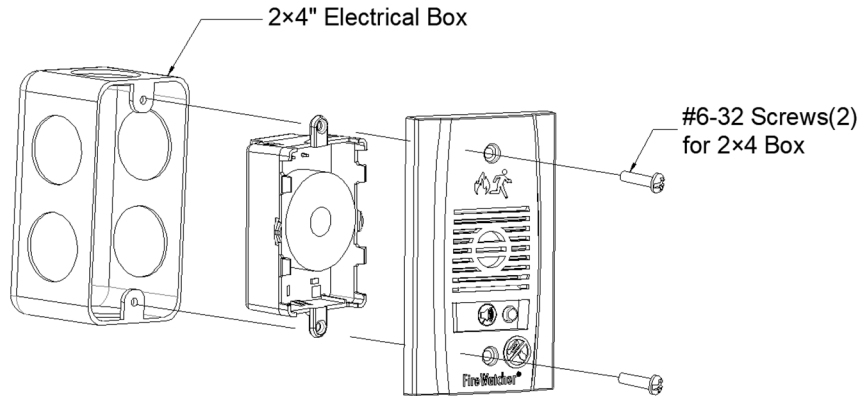
NOTE

Do not paint this device.

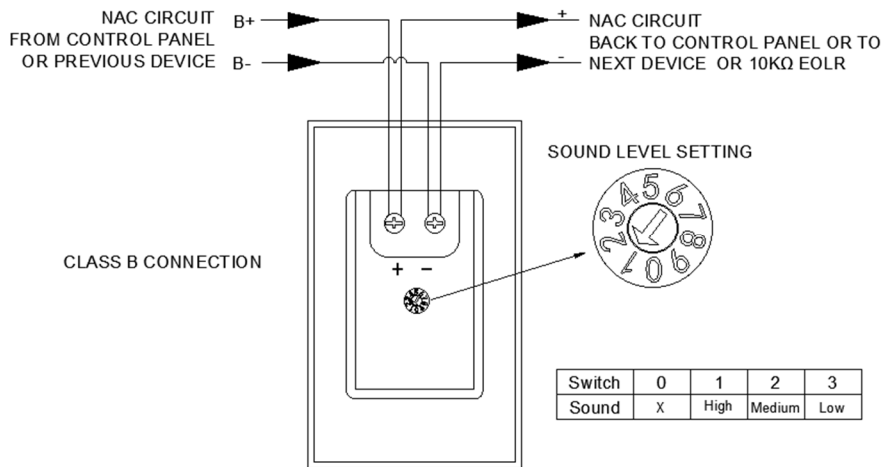
Any material extrapolated from this document or from Maple Armor's instructions or other documents describing the product for use in promotional or advertising claims, or for any other use, including a description of the product's application, operation, installation, and testing is the sole responsibility of the user. Maple Armor will not assume any liability for such use. In no case will Maple Armor's liability exceed the purchase price paid for a product

INSTALLATION AND WIRING

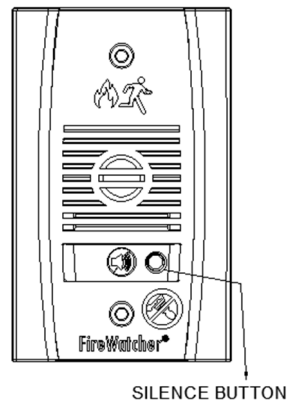
Mount the device onto a standard single gang box using screws provided, see figure below



Mini horns can be used with 12 AWG to 18 AWG. Set the sound output level to the desired settings. Using the setting switch



When pressing the silence button, the device should be silenced for 10 minutes, and then resound automatically



SPECIFICATIONS

Operating Voltage	Regulated 16 to 33 VDC/FWR			
Max RMS Alarm Current (mA)	Setting	High	Medium	Low
		32	23	16
Sound Level (dBA) per UL464	Setting	High	Medium	Low
	16 Vdc	85	79	75
	24 Vdc	88	82	77
	33 Vdc	89	83	78
Sound Level (dBA) per ULC525	Setting	High	Medium	Low
	16 Vdc	87	85	83
	24 Vdc	91	87	86
	33 Vdc	92	89	86
Directional Characteristics	Horizontal Axis	Angle		OSPL (dBA)
		0° (ref)		0 (ref)
		± 89°		-3
		No drop		-6
		± 90°		-3.4
	Vertical Axis	Angle		OSPL (dBA)
		0° (ref)		0 (ref)
		± 26°		-3
		± 30°		-6
		± 90°		-9.9
Operating Temperature	0° C to 49° C (32° F to 120° F)			
Operating Humidity	0 to 93% RH			
Horn Pattern	Temporal 3			
Wire Size	12 to 18 AWG			
Location	Indoor wall/ceiling			
Compatible Model	FW951 Sync Module, FW105/FW106/ FW106C FACP			

Supplemental Specifications

Avg. RMS Alarm Current (mA) Over One Temporal 3 Cycle	Setting	High	Medium	Low
		20	13	10

CATALOG NUMBER TO ORDER

Model	Description
FW972MW	Mini Horn with silence button, White
FW972MR	Mini Horn with silence button, Red
FW972MW-N	Mini Horn without silence button, White
FW972MR-N	Mini Horn without silence button, Red