

Non-Addressable Indoor Chime Only

NAC Device (VDOT-C)

Description

The Velocity non-addressable indoor range of NAC devices are available in a variety of solutions to fit many requirements.

The VDOT-C chime sounder has a UL decibel rating between 82dB - 84dB @ 10 ft or the conversion equivalent to 92dB - 94dB @ 1m, The device has adjustable sound output settings allowing the Hz level to be adjusted manually directly from the product.

The devices come flush wall mounted as standard or can be surface wall mounted with the addition of a surface mounting back box.

They are also available in 2 colour options, red or white. Powered by 2-wire DC24V, these appliances are designed to be connected to, and activated by a UL listed Velocity control panel. When multiple appliances are connected to the Velocity NAC, the sound between products on the same circuit area can be synchronised.

When an alarm signal is emitted, it means there may be an emergency, and should be payed attention immediately.



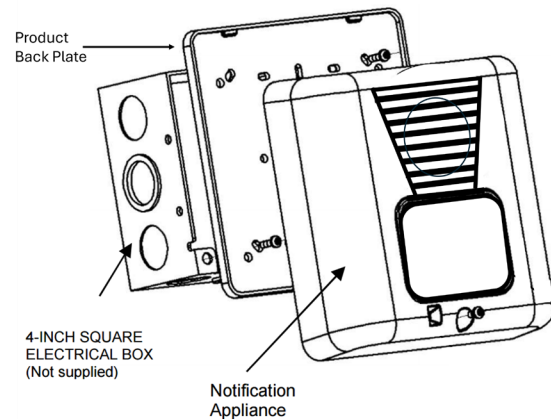
Features

- Designed to meet UL requirements
- Compatible with all Velocity-UL NAC Circuits
- Adjustable sound output levels
- Indoor use only
- Powered by 2-wire DC 24V.
- Can be installed in a standard square 4 inch square gang box
- Appliances on the same NAC circuit can be synchronised.

Product Specification

Approval / Standard	UL 464 - UL Laboratories
Mounting / IP Rating	Wall Mount - IP23
Nominal Voltage	Regulated 24 VDC
Operating Voltage Range	Regulated 16 VDC to 33 VDC
Operating Temperature	32 ° to 120 ° F (0 ° to 49 ° C)
Humidity Range	10% to 93%, non condensing at 100 ° F (38 ° C)
Dimensions H x W x D	140mm x 140mm x 45.5mm 140mm x 140mm x 86mm with VDOT-BB
Connections	Terminal for 18 AWG to 12 AWG (0.82 mm ² to 3.31 mm ²)
Mounting Box	4 x 4 inch Double gang box or Surface Back Box (VDOT-BB)

Product Mounting - Wall Mount



Sound Output Levels

Max Volume Sound Level	Max Operating Current RMS@24VDC	Sound Pressure Level Measurement dBA
750Hz	30mA	82dB @ 10 ft
1000Hz	30mA	84dB @ 10 ft
1250Hz	30mA	84dB @ 10 ft

The minimum sound pressure is measured in a UL reverberant test chamber

Part Numbers

VDOT-C/R Flush Mount Chime, Red

VDOT-C/W Flush Mount Chime, White

Additions

VDOT-BB/R Surface Mount Back Box, Red

VDOT-BB/W Surface Mount Back Box, White

Wiring

Ensure that the total current consumption of the circuit does not exceed the maximum load current of the NAC modules or SCM module, the device quantity must be considered in the design of the loop system.

