



**SHUFFLE is a connected, modular approach to city hardware - with its plug-and-play rotatable modules that contain pre-certified hardware, it can be configured to suit your specific needs.**

## KEY ADVANTAGES

- > **Seamless integration in the Shuffle column**
- > **Horn as warning siren**
- > **Vandal-proof design to protect the hardware**
- > **Easy installation with patented mounting system**

The SHUFFLE 180 loudspeaker module with the Horn option offers the possibility to seamlessly add sound into the column.

The horn acts as a warning siren. It provides two different levels of siren - warning and alarm - with a powerful electronic tone (up to 105dB). The horn is controlled by linking it to the SHUFFLE Intercom or to a VoIP (Voice Over Internet Protocol) device.

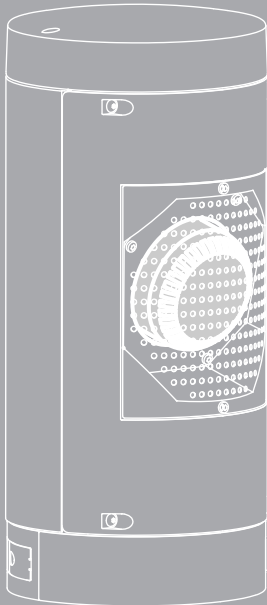
Modules are made of high-grade, high-pressure, die-cast aluminium and a black protector in PC is used to conceal the contents carefully. Extruded aluminium is also used to achieve the cylindrical shape, with fasteners in stainless steel allowing a full protection against the elements. The entire module is then finished with a polyester powder coating that comes in a variety of colours offering endless possibilities.



HORN | CHARACTERISTICS

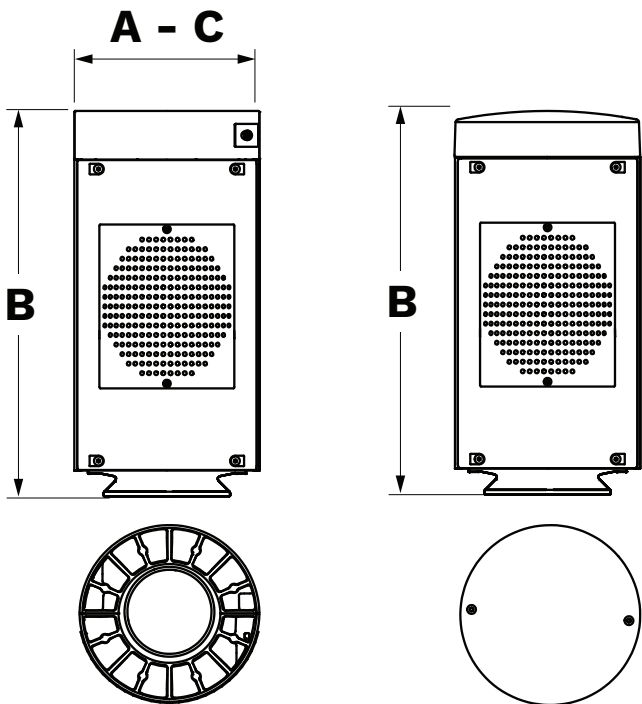
KEY FEATURES

- > Warning or alert the nearby population
- > Supports voice-over IP
- > Can be triggered remotely
- > Can be integrated into a global warning system
- > Can be linked to SHUFFLE Intercom



DIMENSIONS AND MOUNTING

AxBxC (mm   inch)	194x403x194   7.6x15.9x7.6
Weight (kg   lbs)	6.1   13.4
Aerodynamic resistance (CxS)	0.08
Mounting possibilities	Clamps



## HORN | CHARACTERISTICS

### GENERAL

Recommended installation height	2,3m to 6,8m   7,5' to 22,3'
CE mark	Yes
ROHS compliant	Yes

### HOUSING AND FINISH

Housing	Aluminum
Protector	Polycarbonate
Housing finish	Polyester powder coating
Standard colour	AKZO grey 900 sanded
Tightness level	IP 66
Impact resistance	IK 10
Ta	-30°C to +50°C -22°F to +122°F

### ELECTRICAL

Electrical class	Class I EU, Class II EU
Frequency	50 / 60Hz
Input power	24VDC
Power consumption	Linked to Intercom: 10W max Linked to VoIP: 25W max

### SHUFFLE

SHUFFLE Pole models	1 door   2 doors same side   2 doors opposite   3 doors
SHUFFLE Components	Mains box Beyond light power supply box (powered by 24VDC) Support plate network (when linked to VOIP) Network cable (when linked to VOIP)
Position on pole	Any position
Module Interaction	Can be linked to Intercom

### HORN

dB	75 (default setting)
Tone	S1 BI-TONE 600 – 700Hz 0.5s/0.5s Standard (default tone)
Tone type	Multi-tone
Operating cycle	Continuous