

# Throughglass Speaker SF-MONO

The Throughglass speakers developed by heddier electronic GmbH enable you to play music and voice messages on sidewalks as well as in front of store windows. Consistent with the saying „it is possible to overlook a great number of things, yet it is impossible to not hear them!“, the Throughglass speakers are the ideal addition to round off your store window. No matter what you would like to do: playing music on the street, inviting the customer to a halt by means of voice messages, or refining your interactive throughglass computer animation - it all can be accomplished by means of the Throughglass speakers.

The Through glass speakers are installed within seconds. The installation is done without having to use glue or drilling holes. In order to remove the installation without leaving any marks you will need an inexpensive special tool. Similar to passive speakers Throughglass speakers operate without requiring additional energy. Annoying changing of the battery is not necessary any longer.

## Simple installation:

The exterior and the interior components of the Throughglass speakers are simply attached to the store window. 10 suckers which cover a great load-bearing capacity securely fix the components at place.

## Protection against vandalism:

Throughglass speakers are made of impact-proof ABS plastic. Damages caused by vandalism and theft are below < 0.1%.

## Customer friendliness:

Throughglass speakers are simply connected to the speaker exit of an audio amplifier. Just 4 watts audio output are sufficient to provide a sidewalk with acoustic messages. Batteries, accumulators or other kinds of power supply are not required.



## Thoughtfulness:

The highest volume of the Throughglass speakers is located directly beneath the point of installation. From the sides, the volume is noticeably lower.

## Extra features:

Since the surface of the Throughglass speakers is white they are extremely well protected against heating up. Their top side has a slightly sloping and extremely smooth surface so that it offers a perfect protection against resting pigeons.

Technical modifications and errors reserved.

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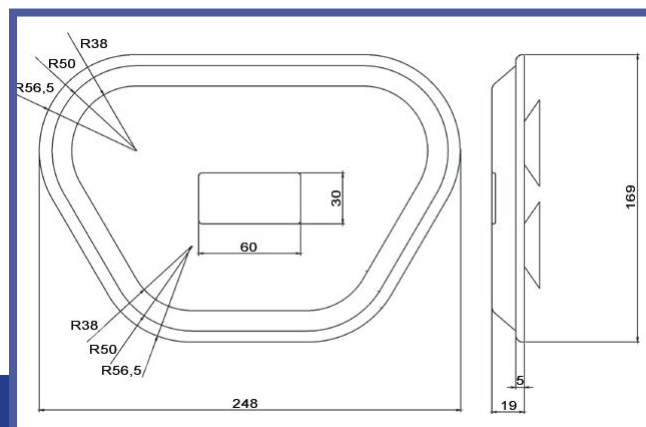
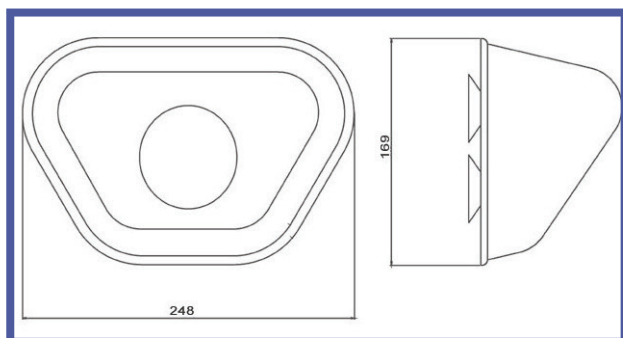
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## Technical data

Technology:	Inductive Throughglass speaker
Impedance:	Ideally 8 ohm
Standard power:	10 - 15 watt
Standard output:	Depending on the thickness of the pane of glass
Bandwidth:	50 – 15.000 Hz, optimized
Maximum thickness of the pane of glass:	50 - 60 mm

## Exterior component

Measurements:	245 x 170 x 122 (W x H x D in mm)
Weight:	620 gram
Installation:	5 sucker cups covering a great load-bearing capacity, 50 mm in diameter
Material:	Case ABS white plastic, smooth surface Cover of speakers black aluminium If requested, other colours are available.

## Interior component

Measurements:	245 x 170 x 30 (W x H x D in mm)
Connecting cable:	300 cm
Weight:	600 gram
Installation:	5 sucker cups covering a great load-bearing capacity, 50 mm in diameter
Material:	Case ABS white plastic, smooth surface If requested, other colours are available.
Delivery content:	Throughglass speaker SF-MONO, interior and exterior part

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