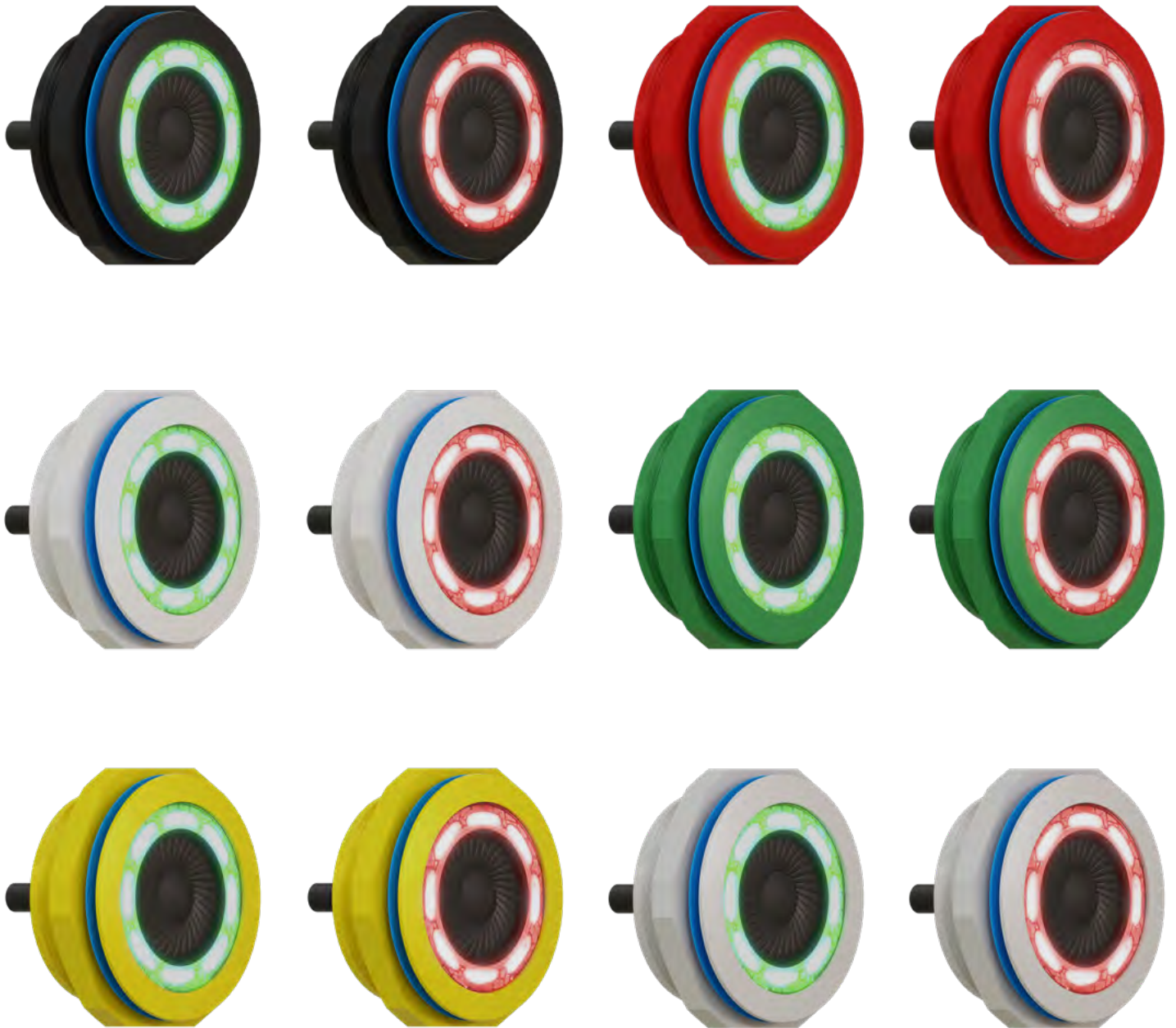


# DDM

## Industrial message diffuser



## Description

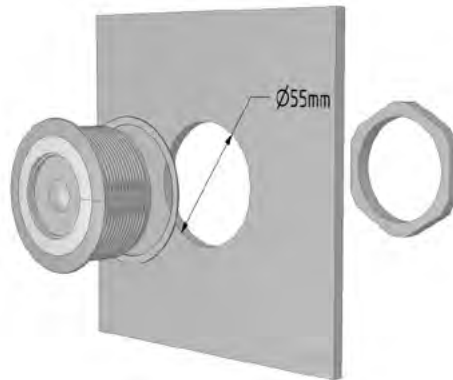
The message diffuser can be used to launch audio alerts pre-recorded by external controls. The messages relayed can warn of a danger or of access to a reserved area.

The benefits include:

- Up to 6 pre-recorded messages
- Compact product
- Weather resistant: IP 65 on the front
- Light Signal
- 66 dB at 1 meter
- Cable with 8-pin M12 connector

## Assembly / Installation

The Message Diffuser product is attached through a wall with a 55 mm diameter hole. The silicone gasket is placed between the housing and the wall to seal. The nut behind the wall allows the unit to be attached by hand tightening.



## Operation

The product has up to 6 recorded messages. When the power is turned on, the LED on the front is green.

To broadcast a message, a voltage of 24V must be applied to the input associated with the message, for example: 24V on pin no.1 of the M12 connector for broadcasting message no.1.

While the message is being broadcast, the indicator light on the front turns red.

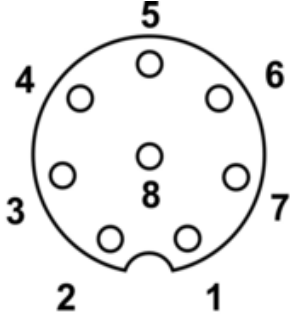
The message is broadcast as long as the 24V voltage is maintained on the input. The message may be repeated up to 10 times if the command is held. At the end of the broadcast, the LED flashes red as long as the input is at 24V.

When the input is no longer controlled, the indicator light turns green again. If the 24V voltage is interrupted on the input during the broadcast of the message, the message will be broadcast in its entirety. At the end of the diffusion the indicator light in front turns back to green.

## Connectors

MKT version 8 pin M12 connector

Pin number M12	Wire color	Function
1	White	input message 1
2	Brown	9V-30V
3	Green	message input 2
4	Yellow	message input 3
5	Gray	message input 4
6	Pink	message input 5
7	Blue	0V
8	Red	message input 6

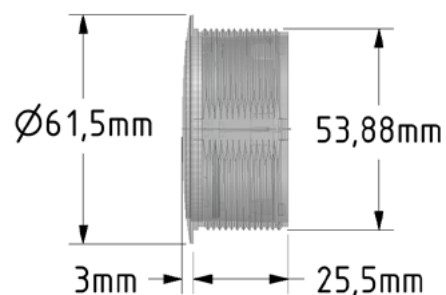
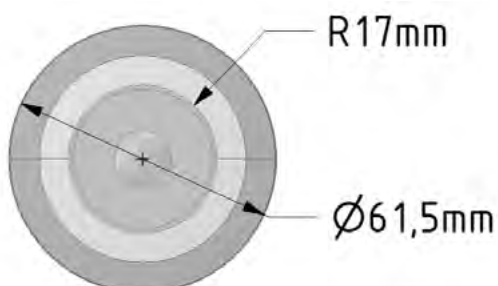


## Technical Specifications

Technical data

Supply voltage	9-30VDC
Rated voltage	24 VDC
Temperature	-25°C to +60°C
IP Front panel	IP65
IP Rear panel	IP67 MKT cable
Sound level	66dB at 1m
Housing material	PP-ULV0
Indicator life time	50,000 hours
Maximum product consumption	3W (read message)
Consumption at rest	1W

## Dimensions



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