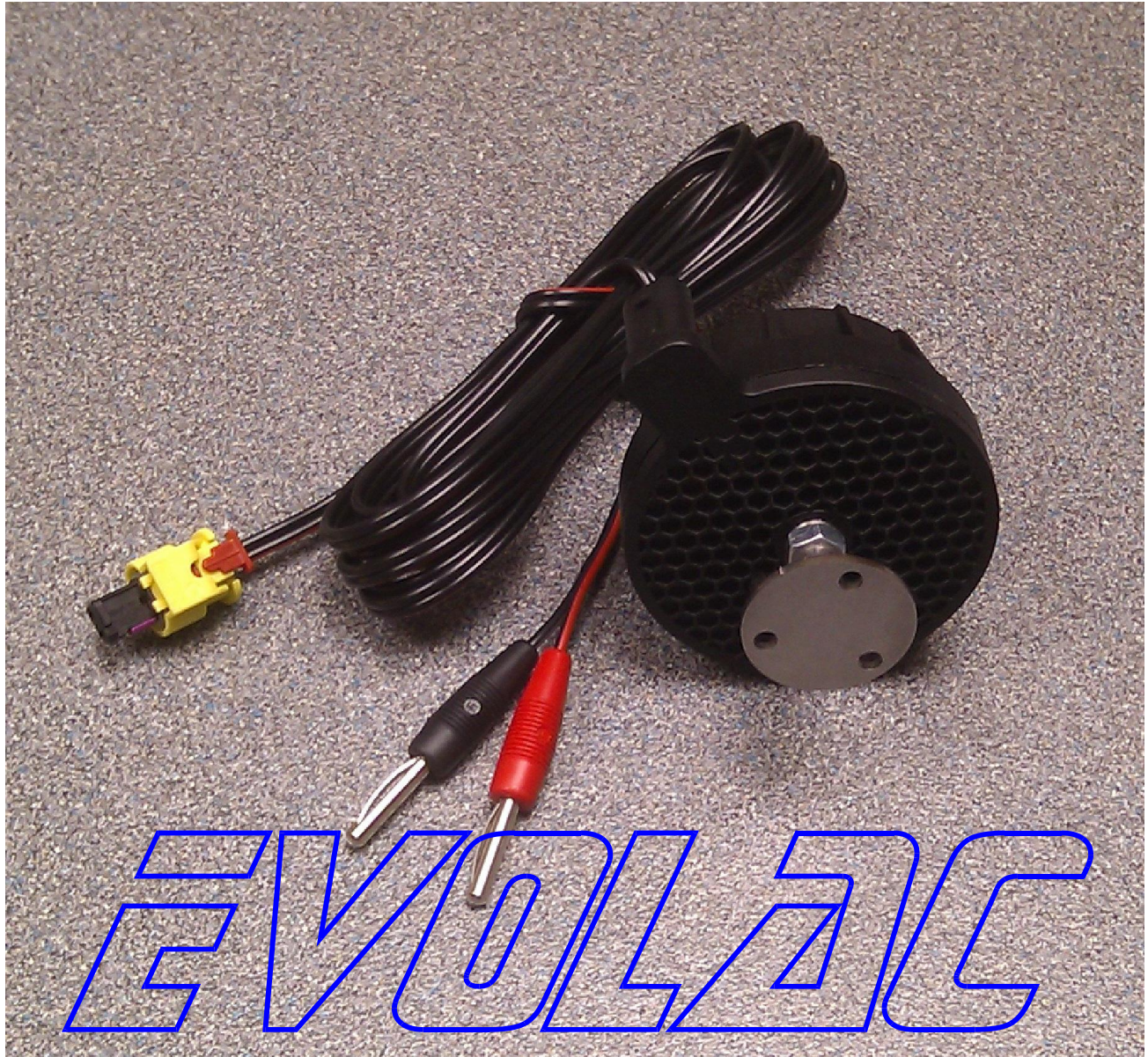


EVOLAC

“Turn a surface into a loudspeaker,.. use Evolac”



EVOLAC EV 75 High Quality Transducer.

V2.00

The EVOLAC EV75 transducer is supplied with a flange, a fixation nut and a 3 meter cable with a special locking connector that ensures a good connection once the transducer is built into a wall, on furniture, etc.



How to fix and where to mount.

The Evolac EV75 transducer can be mounted on a wide variety of surfaces. Before you fix the unit we advise to move it around and test for the best sound reproduction.

Dry-Wall panels, best results can be accomplished if a location is chosen between the struts so a larger surface can be brought into resonance.

Wood, wooden floors: A larger the space behind the panel means a wider the frequency range..

A lot of materials have been tested as for example Melamine, Acrylics, Wood, PVC and MDF.

Also for glass (windows) counts that a larger surface will result in a wider the frequency range.



Flange with nut



Connector, with locking device



Connector at Transducer



Two component epoxy glue (not included)



FIXATION

Use EPOXY glue to fix the flange to the surface. We advise you to use EPOXY glue with a fast drying capacity, 45 – 60 minutes. Often these glues reach maximum strength after 24 hours of drying. Make sure the surfaces are accurately cleaned before gluing.

The flange also has 3 holes to allow fixation with screws (or a combination of screws and glue. Fixation to MDF panels always requires additional fixation with screws for it is easy to break out to top layer of the MDF panel itself if only fixed with glue.

An M6 T-nut can also be used to mount the EV75 to wooden surfaces



WARNING

Make certain the surface, front and rear side, has no objects that cause unwanted rattling sounds as the EV75 will induce vibrations into the surface.

ACS is not responsible for the material/object used to mount the EV75, ensure the transducer is properly fixed and that materials can withstand the vibrations induced by the transducer.

A EV75 is fixed to a surface will move (vibrate) the surface it is connected to. You will find the radiation of sounds is much wider than when using regular loudspeakers. The efficiency compared to a regular loudspeaker however is generally less because the EV75 loudspeaker motor is often driving a larger surface/mass than the light weight cone of a loudspeaker

Technical data:

- 40mm Voice Coil
- ± 3 mm stroke
- 40W / Impedance: 8 Ohm
- Moving mass approximately 170gr
- Total weight 230gr
- Dimensions: diameter 67mm / height including pin 48,5mm / maximum width: 84mm
- Usable bandwidth: 30- 15000 Hz (depending on surface)
- Mounting: M6x10 threaded pin
- Connection with sealed 2 pin connector
- IP rating: IP44

This data is subject to changes without prior notice
errors and omissions excepted

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