

Plug and Play Solutions

Feonic DIY Kits

The Feonic E-series range of wide bandwidth (WB) audio drive kits are a budget friendly sound solution for a wide variety of applications from small shop windows*, audio description for visually impaired, kiosks, POS, digital signage, museum and gallery exhibits, displays, bathrooms, integration within furniture, offices and schools, mirrors, hotels, home audio, discrete sound systems for secure facilities, clean rooms, sound masking to sound reinforcement.

The Feonic audio drives can be attached to any rigid hollow sounding surface transforming it into a speaker by vibrating the surface. No speaker grilles are required. They can be attached to windows and other polished surfaces using the supplied very strong double sided adhesive pad. For surfaces such as wooden panels, plasterboard and other textured surfaces the audio drive can be mounted together with the adhesive pad and screws. As sound is created on both sides of the surface the audio drives are often mounted on the inside so the devices cannot be tampered with or visible. The audio drives can also be attached behind window vinyl graphics making them discreet and unobtrusive in your window display.

The kits are a complete boxed solution with a number of options:

2 x E30WB + 20W stereo amplifier with tone controls

Higher power kit for higher output with headphone or line level audio input. The amplifier has tone controls to fine tune the sound output perfect for museums and galleries and POS. Suitable for applications where wider coverage and/or stereo sound is required such as small windows and in store audio, furniture, etc.

1 or 2 x E30WB audio drive with Industrial MP3 player and motion or touch sensor

This compact kit is great for instore or museum/gallery exhibits where discrete sound is required and for applications such as audio description for visually impaired. It can be setup to play in a loop or with motion or touch activation. For higher power output it can be paired with the 20W or 30W amplifier.

There are many other options available including wireless streaming and multi-channel setups. If you have a specific requirement please get in touch with us.



Key benefits

- Simple DIY Installation no speaker grilles
- Great way to attract attention to displays
- Can be used on a wide variety of hollow sounding surfaces
- Discrete setup no visible speaker
- Motion or touch activation options
- Multiple kits can be used to increase coverage area
- Protected from environment if mounted in a sheltered position or inside surface

Technical Specification

E30WB Audio Drive

Impedance:	4 Ohms
Typical frequency range:	100Hz – 20,000Hz (material and panel size dependent)
Max power rating:	30W
Operating temperature range:	-20°C to +60°C (-68°F to 140°F)
Weight:	c185g
Dimensions:	59mm (W)/78mm with mounting lugs x 76mm (L) x 29mm (H)
Mounting method:	3M VHB adhesive or screw mounting
Cable length:	2m/6.5ft (can be extended)
Environmental protection:	IP54 (splash proof mounted vertically with cable outlet facing downwards)

*For larger windows we recommend the use of the original F1PRO audio drive Whispering Window solution – please refer to www.feonic.com

To download specifications visit
www.feonic.com/downloads or scan the
 QR code using your mobile device



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Technical Specification



20W Stereo Amplifier

Power:	2 x 20W Class D output
Controls:	Bass/Treble/L-R Volume
Minimum Impedance:	4Ω
Inputs:	RCA/phono and balanced
Frequency Response:	50Hz-18kHz +/- 2dB
Power Requirement:	24VDC 3A (Power supply included 100-240VAC 50/60Hz)
Dimensions:	230.5mm x 143mm x 57mm Including connectors and mount flange
Weight:	920g



MP3 Player with touch or motion sensor

Power:	2 x 10W speaker output*
Controls:	Master volume control
Minimum Impedance:	4Ω
Storage medium:	SD Card or USB Stick
Inputs:	2 x sensors (PIR or touch available)
Output:	2 x 3.5mm stereo & speaker screw terminal 12V Out
Power Requirement:	12DC 2A power supply 100-240VAC 50/60Hz
Dimensions:	130mm x 155mm x 28mm
Weight:	400g

*TO INCREASE VOLUME LEVEL, CAN ALSO
BE USED WITH AMPLIFIERS SHOWN ABOVE