



# LOWNOTE W<sup>®</sup>

## TUNED LF ABSORPTION PANEL

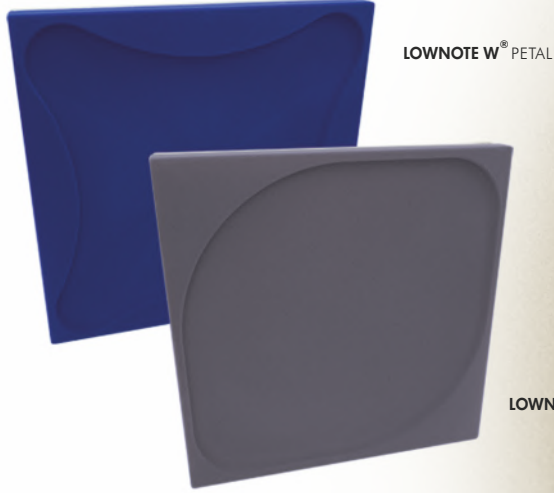


Image of 60x60cm models Ref.: LNW060p and LNW060.

### DESCRIPTION

The LOWNOTE W<sup>®</sup> acoustic panel is a broadband low-frequency sound absorber designed to balance the modal distribution on small rooms like studios, music listening rooms, and home-cinemas.

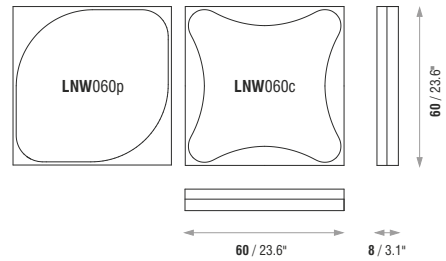
The principle used to develop the LOWNOTE W<sup>®</sup> is the Helmholtz Resonator reasoning, through the combination of an coloured engineered coloured wood fibre board box with an HIPS velvet finishing front membrane, which creates the tuned resonance chamber.

The dampening chamber system combined with the front concave shaped HIPS membrane is able to offer a large range of bass control over several octaves, while not contributing to add mid/high frequency absorption.

This model can be combined with LOWNOTE C<sup>®</sup> in order to extend the absorption and fine tune the low end of the sound spectrum. These combinations lengthen the lower frequencies absorption to a evenly absorption range.

LOWNOTE W<sup>®</sup> panel can be easily hung on any wall or ceiling surface using the provided accessories. Panels can also be installed in a reinforced T-ceiling.

### TECHNICAL DRAWINGS



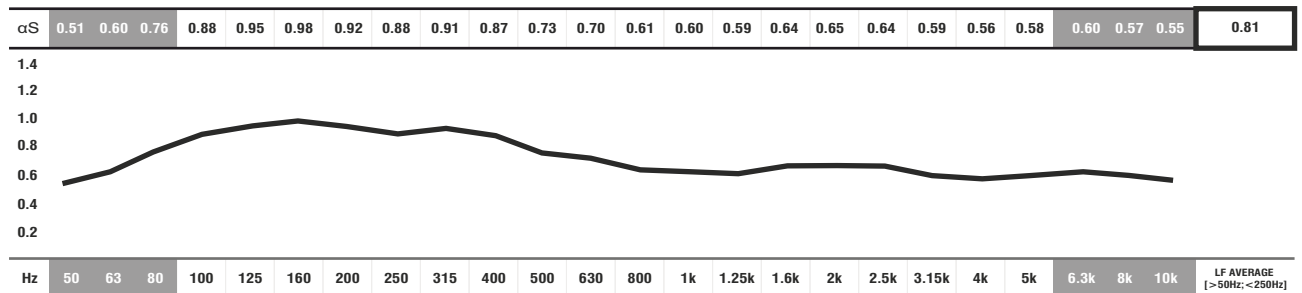
### FEATURES

- Tuned at 160Hz.
- LF Average absorption: **0.81/m<sup>2</sup>** [ $>50\text{Hz}; <250\text{KHz}$ ].
- Box in engineered coloured wood fibre board.
- Front membrane made of HIPS with velvet finishing.
- Fire-resistance: Euroclass B-s2,d0 (similar to old M1) for box; VO - UL94 standards (similar to M2) for HIPS front.
- Can be used on walls or ceilings.
- Installation: mounting accessories included.

### MODELS AND SIZES

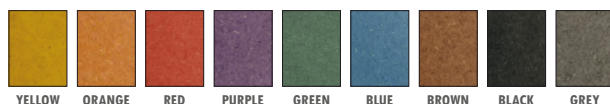
MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
LNW060c	60 cm (23.6 in)	60 cm (23.6 in)	8 cm (3.1 in)	5.2 Kg (11.46 lbs)
LNW060p	60 cm (23.6 in)	60 cm (23.6 in)	8 cm (3.1 in)	5.2 Kg (11.46 lbs)

### ABSORPTION COEFFICIENT



■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654. ■ Values [ $<100\text{Hz}$  and  $>5\text{K}$ ] are Non Standard Values.

### ENGINEERED COLOURED WOOD COLOURS (BOX)



### VELVETY COLOURS (FRONT)



### IMPORTANT NOTICES

- JOCAVI<sup>®</sup> accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- The colours shown on this catalogue are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
- Colours may vary due to raw-material suppliers' changes and some differences may occur in tonal range.
- Due to its natural origin, wood-based products will always present natural imperfections inherent to the organic nature. And for similar reasons, they will also present traces of old-age in the course of time.
- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI<sup>®</sup> products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly (+/-3mm) due to their production method and some inherent raw-materials characteristics.

