ACOUSTIC HOOD

Thank you for you purchasing J&R Acoustic Hood, Please read this user manual carefully before using this product and save this manual for future use.

J&R TECHNOLOGY

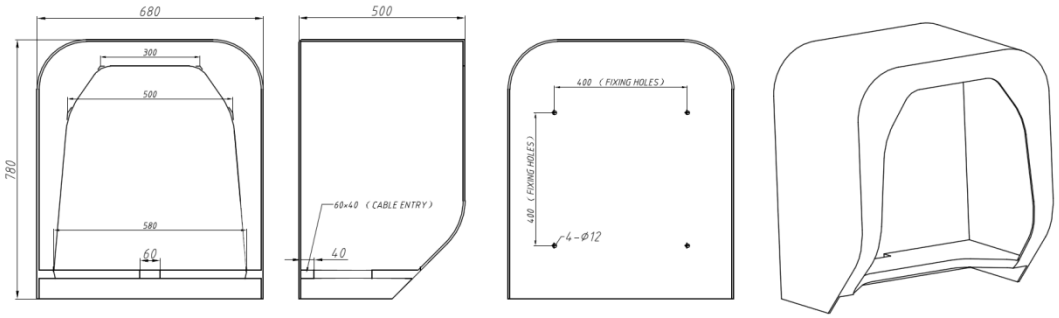
JR-TH-01 ACOUSTIC HOOD

- ✓ For external or internal use, the JR-TH-01 is extremely robust and weatherproof.
- ✓ Inside the hood's outer shell is a perforated polypropylene lining that houses 50mm nonhygroscopic acoustic insulation. The hood is designed to attain a high level of noise reduction of up to 23.9dB.
- ✓ The hood is fixed to the wall via two stainless steel mounting brackets that are secured through the hood's back wall to the inner telephone apparatus plate. This enables a load of up to 60 kgs to be safely mounted on the plate. The plate is pre-drilled to accept many telephones.
- ✓ Beneath the plate is a 304 stainless steel shelf, white paint finish, with a cable entry slot provided.

Specifications

- ➢ Dimensions – H780mm W680mm D500mm
- ➢ Weight - Approx 20Kg
- ➢ Stock Colour - Yellow (RAL 1006), Others to order
- ➢ Outer Shell - General Purpose Resin continuous filament mat - Fire Resistance to BS476 Part 7 Class 1 Surface Spread of Flame
- ➢ 304 Stainless Steel Shelf, powder coated orange
- ➢ Acoustic Insulation - 50mm Tissue faced non hygroscopic Rockwool (RW3) density 60kg/m3
- ➢ Insulation Liner - White Perforated Polypropylene 3mm thickness
- ➢ Apparatus plate - 304 Grade Stainless Steel, 2mm thickness, powder coated white
- ➢ Mounting Brackets – 304 Grade Stainless Steel, 6mm thickness
- ➢ Boxed Dimensions - 80 x 70 x 55cm
- ➢ Boxed Weight - Approx. 30kg

Installation drawing



INTRODUCTION - *Important Safety Information*

Noise Reduction

The **JR-TH-01** acoustic hood was installed into the MIRA anechoic test chamber. A calibrated sound source was positioned around the hood at the rear, left and right faces at a distance of 0.7m from the face being assessed and at a height of 0.8m. A microphone was positioned inside the hood at a position consistent with the location of the telephone. With the source operating, noise was measured at the telephone position both with and without the hood in position.

The difference between these measurements, measured in octave bands, is the insertion loss, i.e. the reduction in noise due to the effect of the kiosk. These measurements were repeated for each source position. Insertion Loss Data results are as follows:

(Measured using a 4kHz Octave Band dB)

Equipment included: Q1030 B&K Sound Source, Q25274 B& K Microphone, Q22796 B&K Microphone, LMS Frontend, Q13432 Calibrator.

Contact Us

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