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AGATH

K2 86 UHD  
IP65

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Technical Datasheet

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In-wall TV - suitable for bathroom

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B&W Sound

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Fanless. Very simple installation process.  
Suitable for on wall installation.

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500 cd/m<sup>2</sup> to 1500 cd/m<sup>2</sup>  
Frequency 120Hz  
High Quality 24/7  
Power 220w

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## List of delivered features

### CONTENTS

Television set	1
Steel frame for in-wall or on-wall installation	1
Waterproof remote control (LT30)	1
Set-up remote control (LM27)	1
In-ceiling speakers (B&W CCM382)	2
5 metres audio cable	1
Power adaptor 110-230V AV/24V DC 50/60 with 5 metres 24V cable	1

### INCLUDED FUNCTIONS

#### RS232 control on RJ45

- Control of the main television's functions
- Volume control by direct value
- Backlight control (on or off)
- Blocking function of the remote control
- Reading of the functions status of the TV

#### Infra-Red relay 38 KHz

- Control of devices deported through the TV
- Can be connected to a flasher at the rear of the TV

#### Distinct ON/OFF signals (IR)

- 2 distinct signals to switch on and switch off the TV
- Presence on the remote control of 2 buttons for the 2 signals (Hidden command on LM27)

### DISPLAY

Screen size	86" (218 cm)
Display area (H/V) (mm)	1889 x 1059
Aspect ratio	16:9
Resolution (pixels)	3840 x 2160

### SPECIFICATIONS

Glass width (mm)	2146
Glass height (mm)	1317
Total depth (mm)	82/85
Weight with back box	120/135 kg
Power supply	DC 24V

### PACKING

Parcel	1
Length (mm)	2346
Width (mm)	800
Height (mm)	1517
Gross Weight	160/175 kg

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## Ports and connections : AGATH Electronic Module

### ME U350

**THE COMPLETE SOLUTION FOR RESIDENTIAL, MARINE, HOSPITALITY, P.O.S, ETC.**

➔ See full description on the MEU350 datasheet



4 HDMI



RS232 CONTROL



DISPLAY PORT

Standard HDCP 2.2. HDMI 3 x 1.4, 1 x HDMI 2.0  
IR Pass-through  
Amplified Audio 2 x 10w RMS



**B&W**  
Bowers & Wilkins

### BOWERS & WILKINS IN-CEILING SPEAKERS



LM27



LT30



#### POWER SUPPLY:

Length (mm)	280
Width (mm)	144
Height (mm)	48.5

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## Installation Instructions

To install a television screen, you must first position the back box on the wall and mount it with the assembly kit provided.

Once the wall back box is correctly installed, the whole screen sits on the box and is held in place by a magnetic system.

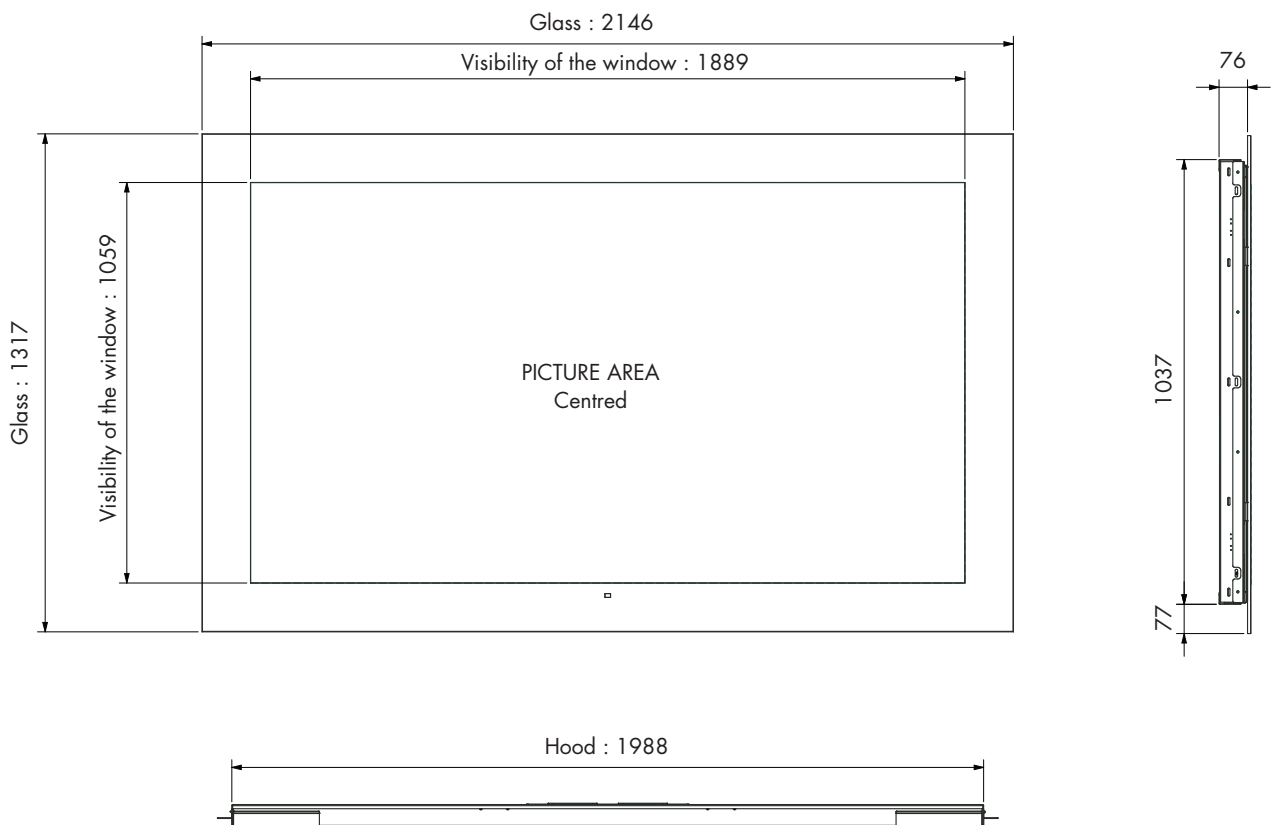
The back box can be mounted with 2 solutions:

- using the lugs positioned of both sides on the box
- using the four holes at the bottom of the box

To obtain an IP65 protection rating for the front side, apply a silicon seal around the screen, thus ensuring the wall is also correctly protected.

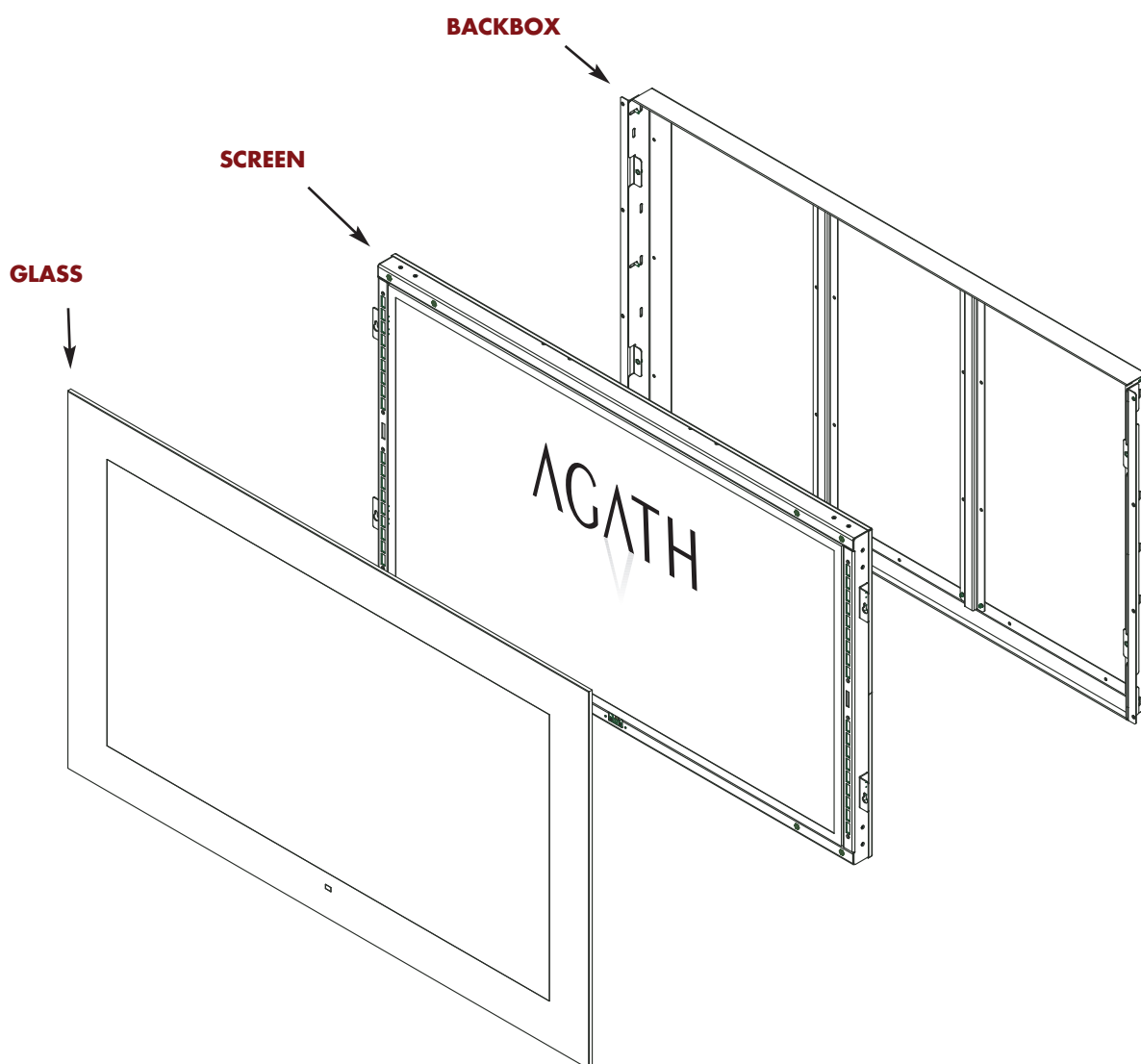
### TV

### TV AND BACKBOX



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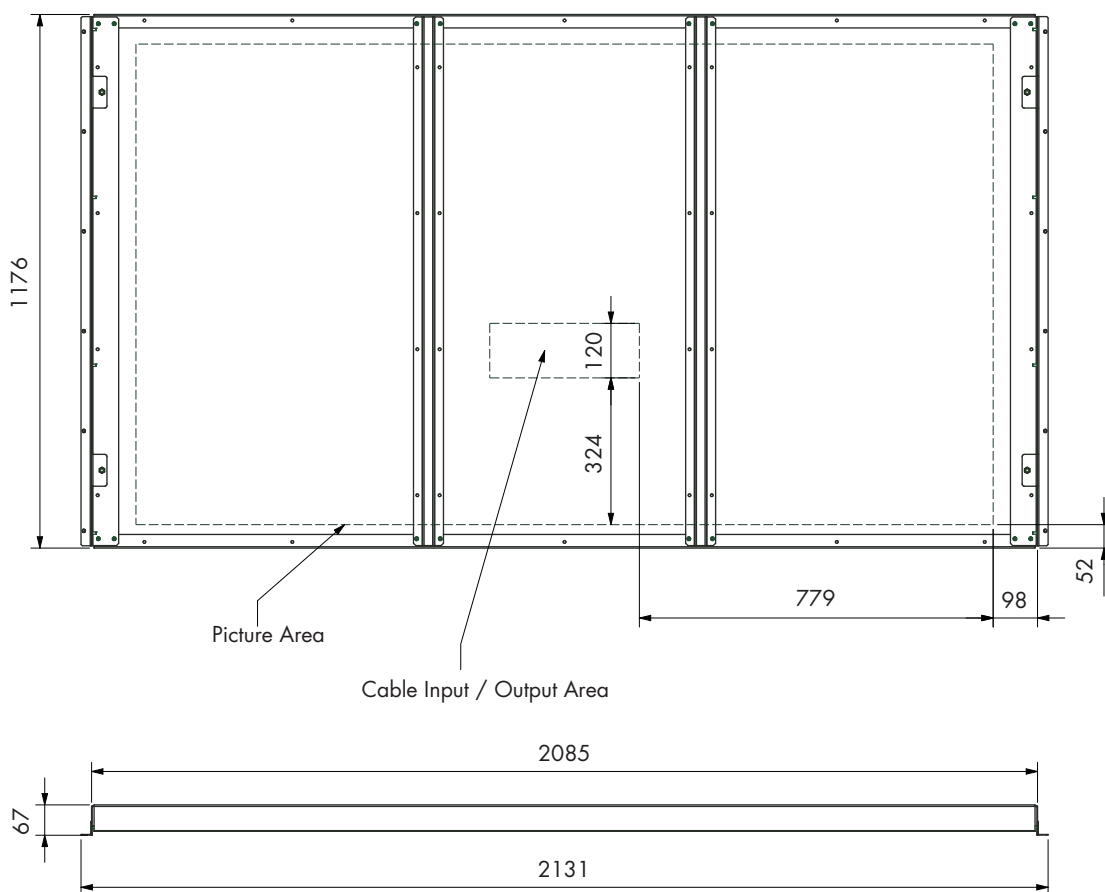
## Installation Instructions



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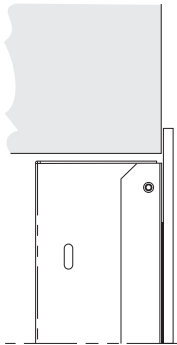
## Installation Instructions

### BACK BOX



Fanless. Very simple installation process. Suitable for on wall installation.

## Installation Instructions



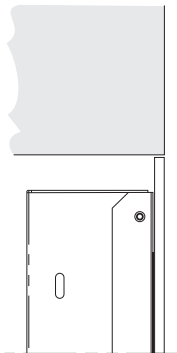
### SURFACE INSTALLATION

In this configuration, the glass panel will cover the wall cut-out.

#### Wall section to cut out :

Width (mm)	2089
Height (mm)	1180
Minimum depth (mm)	78

CAUTION: Frame + Module

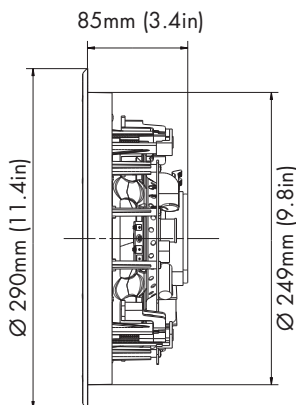


### FLUSH INSTALLATION

In this configuration, the wall cut-out must enable the glass panel to pass in front of it.

#### Wall section to cut out :

Width (mm)	2150
Height (mm)	1321
Depth (mm): 6mm glass	84
9mm Premium glass	87



### CCM382 TECHNICAL SPECIFICATIONS

Description	2-way in ceiling system
Drive Units	1 x 200mm (8in) Polypropylene cone base/midrange
Minimum depth (mm)	1 x 25mm (1in) sof dome tweeter
Frequency Range (-6dB)	45Hz - 30kHz
Sensitivity Range (2.83V, 1m)	90dB
Impedance Nominal (min)	8Ω (5.0Ω)
Power Handling	80W
Pre-mount Kit	PMK C8
Back Box	BB 6C