
AGATH

K2 **55** UHD
IP65

Technical Datasheet

In-wall TV - suitable for bathroom

B&W Sound



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

500 cd/m² to 1500 cd/m²
Frequency 60Hz
High Quality 24/7
Power 80w

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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	55" (140 cm)
Display area (H/V) (mm)	1210 x 684
Aspect ratio	16:9
Resolution (pixels)	3840 x 2160

SPECIFICATIONS

Glass width (mm)	1400
Glass height (mm)	860
Total depth (mm)	73/76
Weight with back box	60/66kg
Power supply	DC 24V

PACKING

Parcel	1
Length (mm)	1619
Width (mm)	800
Height (mm)	1090
Gross Weight	100/106kg

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Ports and connections : AGATH Electronic Modules

ME U350

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

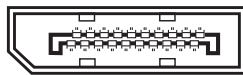
➔ See full description on the MEU350 datasheet



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



LM27



LT30



B&W
 Bowers & Wilkins

BOWERS & WILKINS IN-CEILING SPEAKERS



DC 24V POWER SUPPLY:

Length (mm)	245
Width (mm)	70
Height (mm)	37

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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.

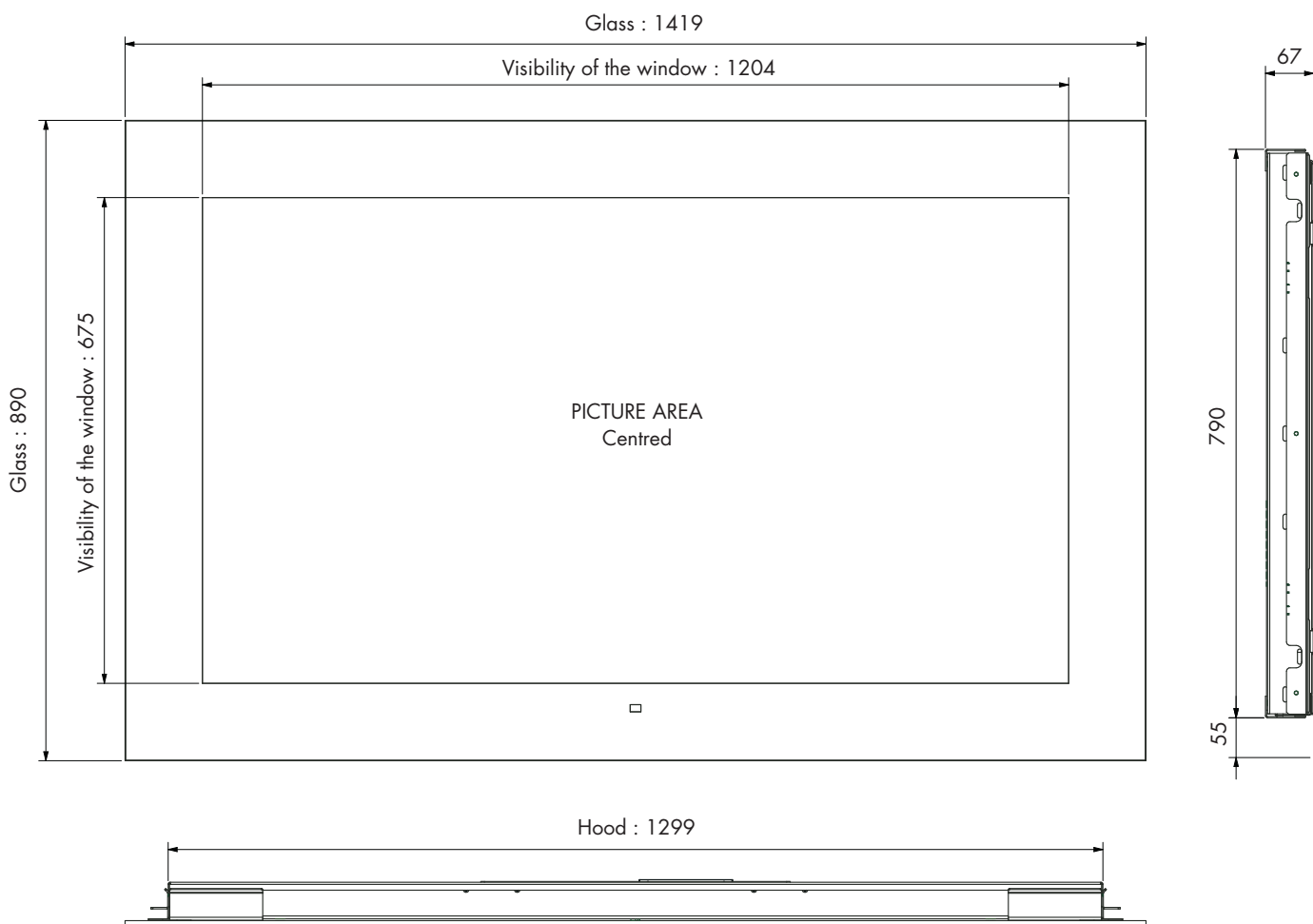
The back box can be mounted with 2 solutions:

- 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.

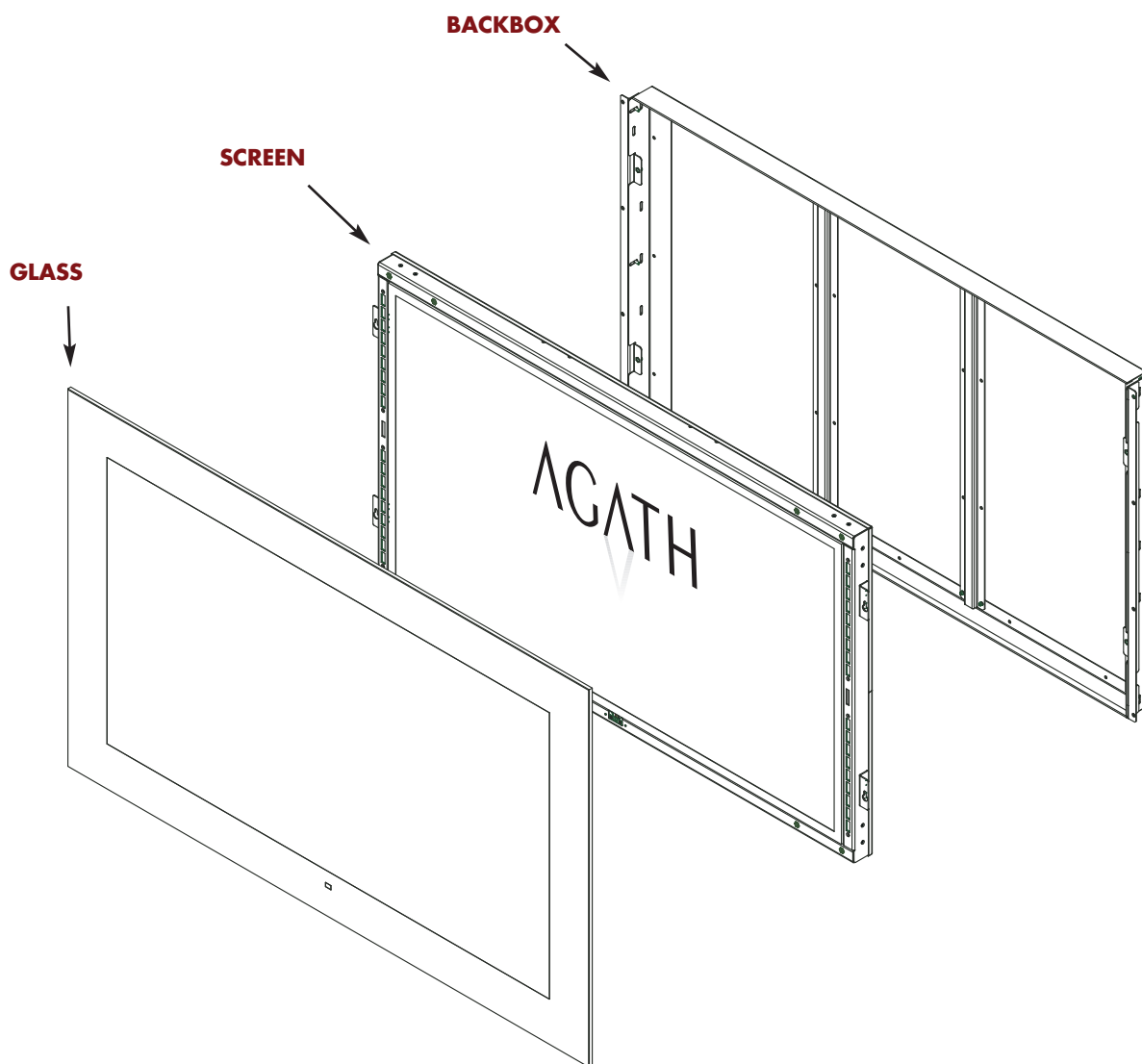
TV

TV AND BACKBOX



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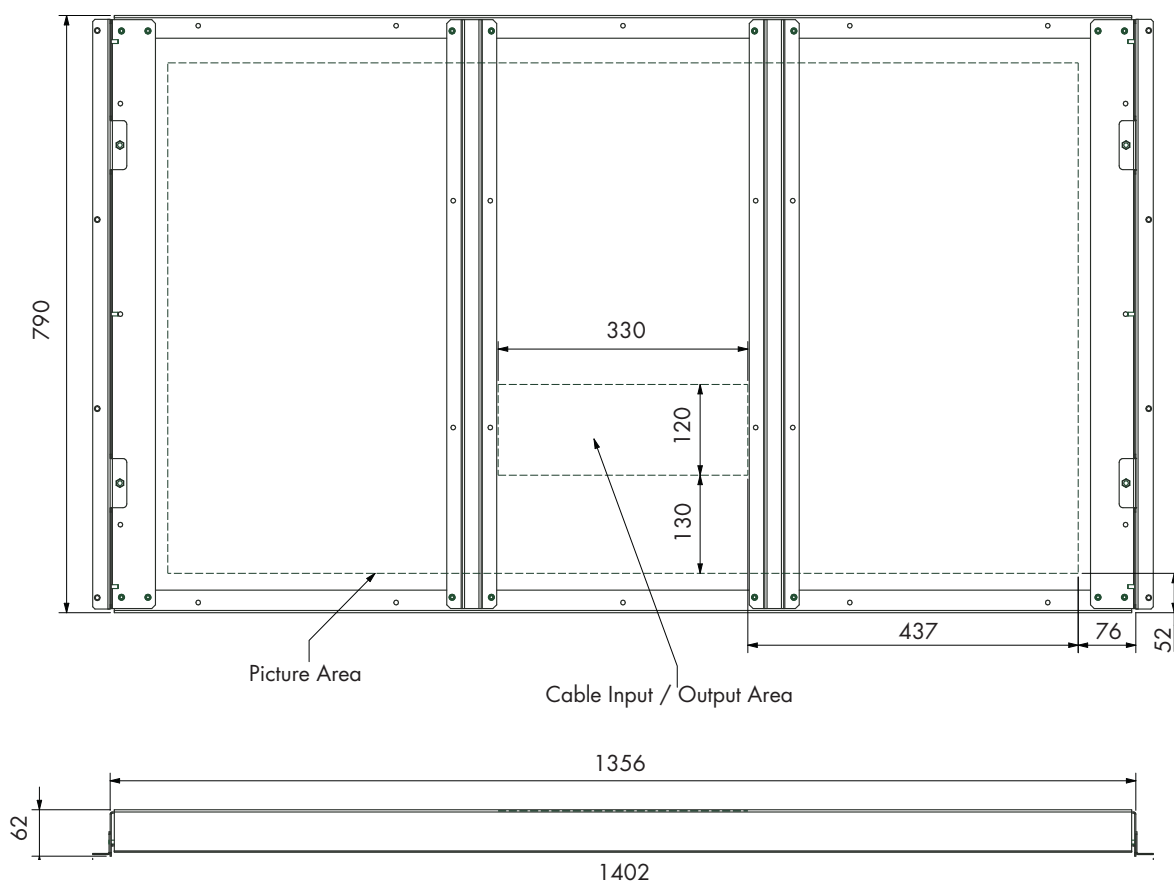
Installation Instructions



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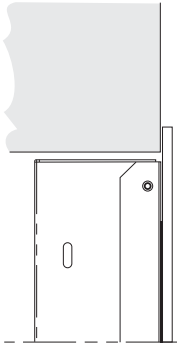
Installation Instructions

BACK BOX



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Installation Instructions



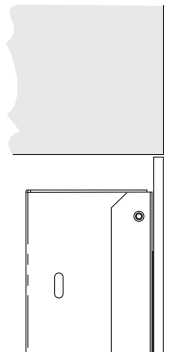
SURFACE INSTALLATION

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

Wall section to cut out :

Width (mm)	1360
Height (mm)	794
Minimum depth (mm)	69

CAUTION: Frame + Module

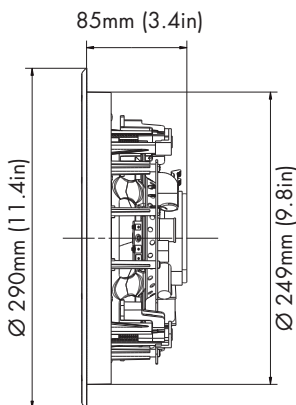


FLUSH INSTALLATION

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)	1423
Height (mm)	894
Depth (mm): 6mm glass	75
9mm Premium glass	78



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