

Clip-on rear-view mirror with integrated 4.3inch LCD monitor

MM-AE431



**Rear view mirror with integrated 4.3inch monitor
and 2 video inputs**

Product features

- 1 CVBS video input for rear-view camera
- 1 CVBS video input for after-market Video sources (e.g. USB-Player, DVB-T Tuner)
- Video inputs NTSC and PAL compatible
- Automatic switching to rear-view camera input on engagement of the reverse gear via switching input
- Monitor surface is a mirror when switched off
- Automatic switch on/off of monitor when reverse gear is engaged or disengaged
- Last Input Memory (after reverse gear is disengaged, monitor returns to previous operating state)
- Picture adjustment menu
- IR remote control
- Total cable length 2.80m (0.50m + 2.30m connection cable)

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Legal Information

By law, watching moving pictures while driving is prohibited, the driver must not be distracted. We do not accept any liability for material damage or personal injury resulting, directly or indirectly, from installation or operation of this product. Apart from using this product in an unmoved vehicle, it should only be used to display fixed menus or rear-view-camera video when the vehicle is moving (for example the MP3 menu for DVD upgrades).

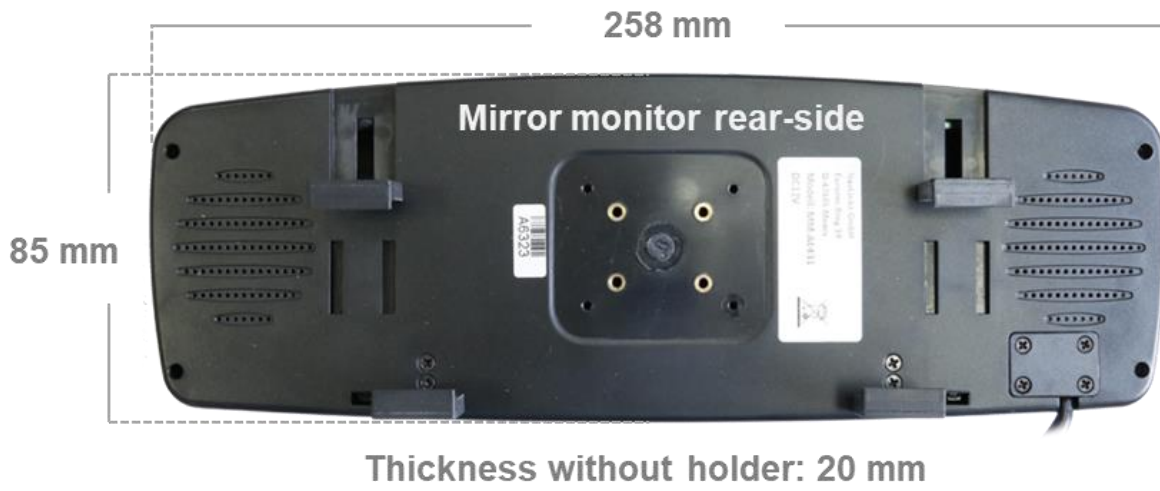
1. Prior to installation

Read the manual prior to installation. Technical knowledge is necessary for installation.

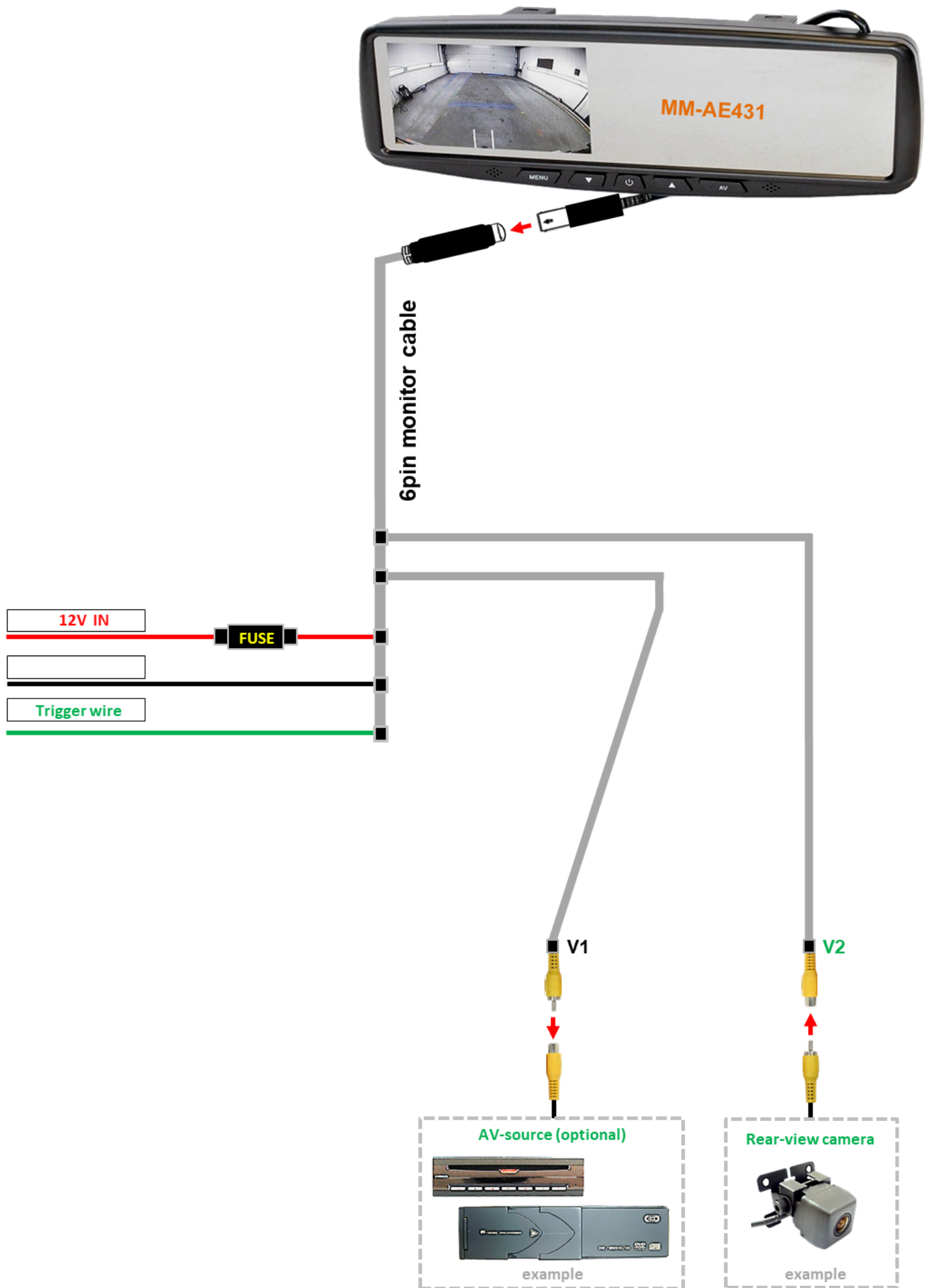
1.1. Delivery contents



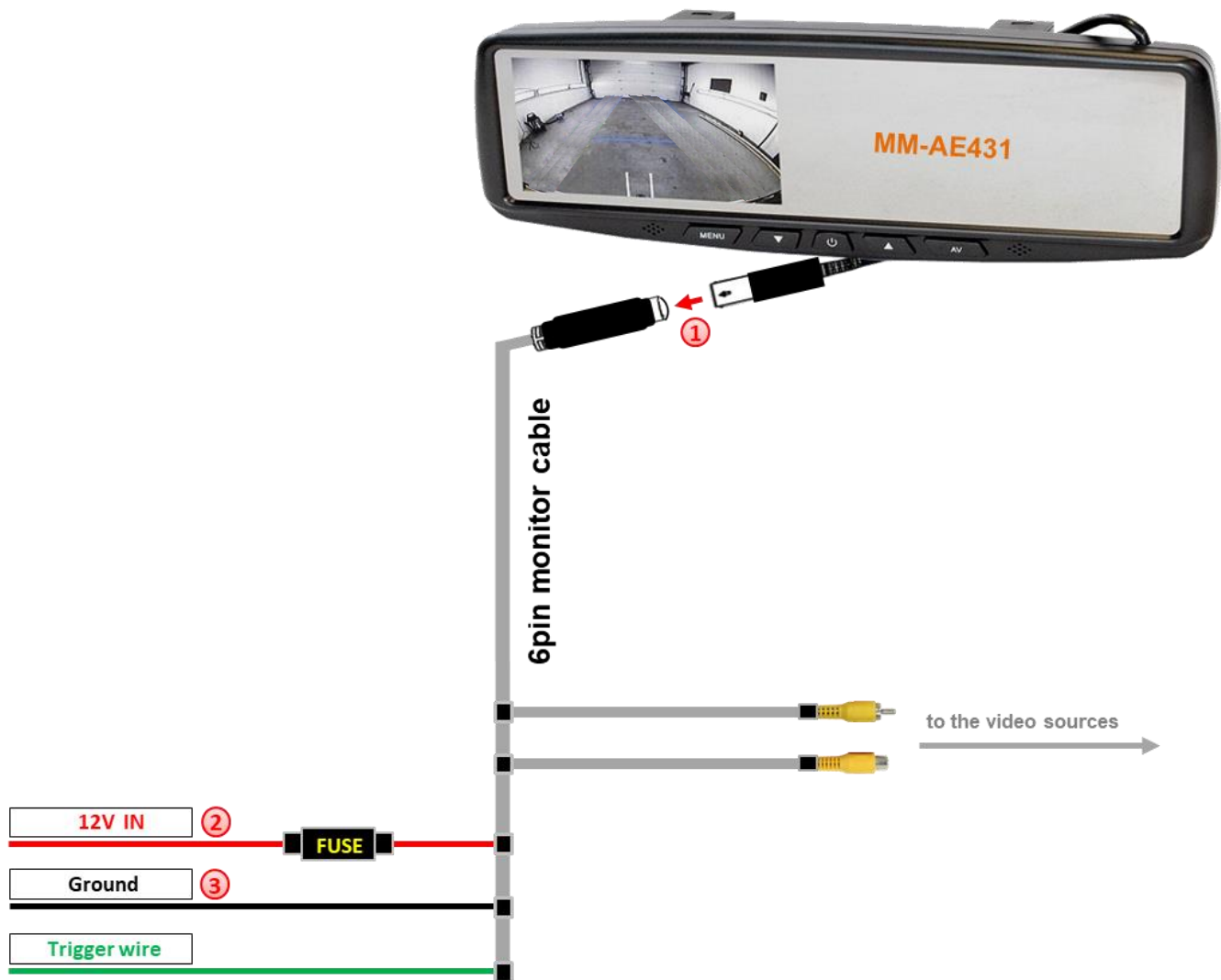
1.2. Mirror-monitor size



2. Connection scheme

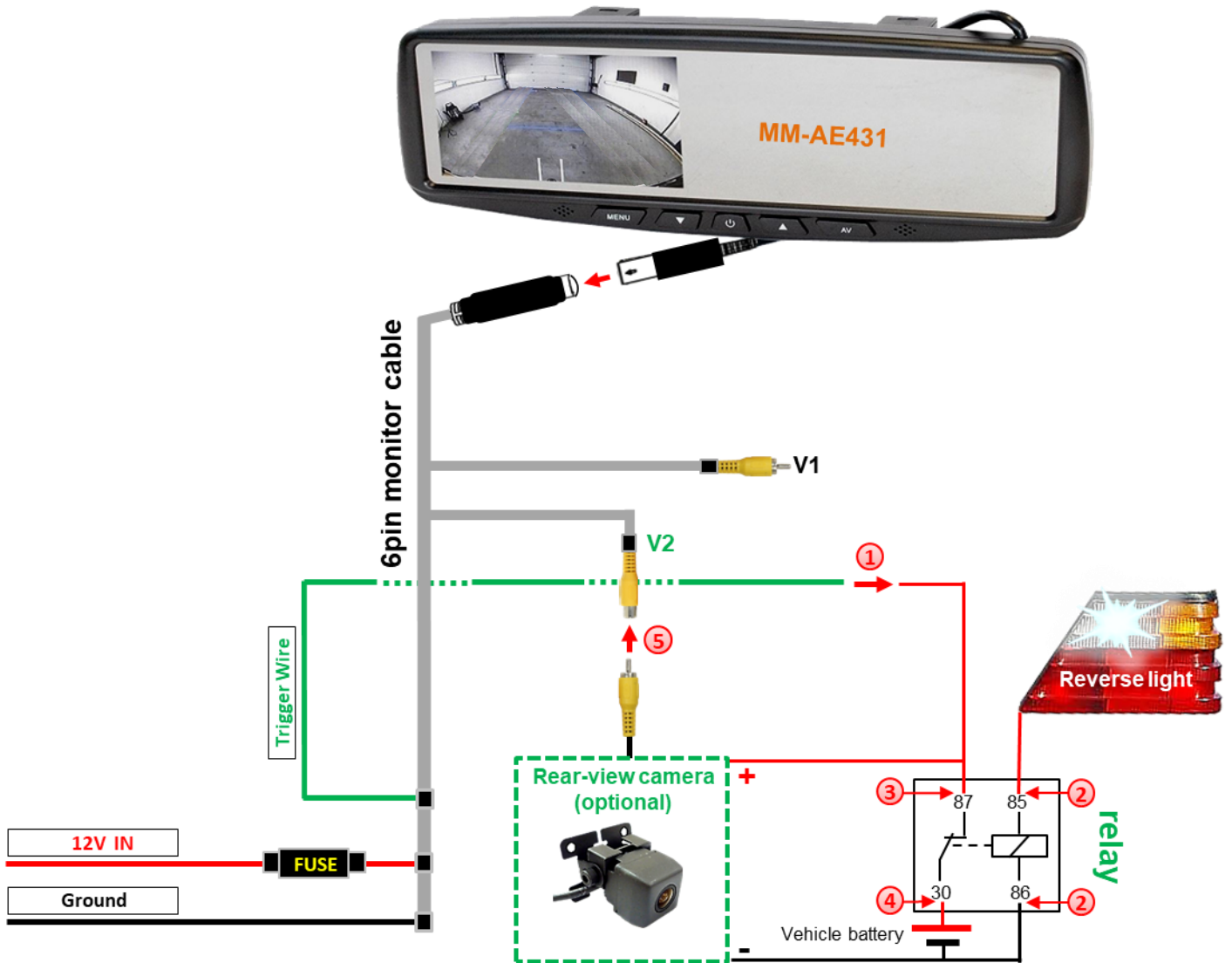


2.1. Connection – 6pin monitor cable (Power)



- ① Connect the male 6pin connector of the monitor to the monitor cable's female 8pin connector.
- ② Connect the red wire "12V IN" to stable +12V ACC.
- ③ Connect the black wire of the 6-pin monitor cable to vehicle ground.

2.2. Connection – Trigger cable, camera power supply, video cable



- ① Connect the green coloured trigger input cable " **Trigger Wire** " to the output connector (terminal 87) of the relay.
- ② Connect the Reverse light's power-cable to coil (terminal 85) and the vehicle's ground to coil (terminal 86) of the relay.
- ③ Connect the output connector (terminal 87) of the relay to the rear-view camera's power-cable, like you did it to the green " **Trigger Wire** " cable before.
- ④ Connect permanent power to the relay's input connector (terminal 30).
- ⑤ Connect the male Cinch connector of the rear-view camera to the female Cinch connector of the 6pin monitor cable.

3. Mirror-monitor operation



Power: Press the “POWER” key to turn ON or OFF the monitor. The monitor is supported with a “last position memory”.

When the power was OFF while switching OFF ACC, the monitor will start in the OFF position the next time you turn ON ACC.

Mode: Press the “AV” key to switch between V1 and V2

Menu: Press the “MENU” key for changing the monitor adjustments.
Press the UP or DOWN key to change the level.

The following setting options are available in the Menu:

Brightness	0 – 20
Contrast	0 – 20
Colour	0 – 20
Hue	0 – 20
Zoom	Resolution 4:3/16:9
Language	English, German, French, Portuguese, Italian, Chinese
Signal input	no function
Reset	factory settings

4. Specifications

Monitor	4.3inch mirror monitor
Video format	16:9 (widescreen)
Resolution	480 x 272 pixel
BATT/ACC range	+12V
Stand-by power drain	approx. 60mA
Power	max. 130mA @12V
Video input formats	NTSC/PAL
Temperature range	-40°C to +85°C
Dimensions monitor (without holder)	258 X 85 X 20 mm (W x H x D)
Maximum height of vehicle rear-view mirror	74mm

5. Technical Support

Please note that direct technical support is only available for products purchased directly from NavLinkz GmbH. For products bought from other sources, contact your vendor for technical support.

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