Video-inserter RL4-MIB3-E

Compatible with

Ford vehicles with
Audiosystem 2 MIB3 Entry with 8.25inch monitor
Seat/Cupra vehicles with
MIB3 Entry - with 8.25inch monitor
Skoda vehicles with
MIB3 Entry - Composition with 8.25inch monitor
VW vehicles with

MIB3 Entry - Composition with 8.25inch monitor



examples

Video-inserter for front- and rear-view camera and two additional video sources

Product features

- Video-inserter for factory-infotainment systems
- 1 CVBS Input for rear-view camera
- 1 CVBS Input for front camera
- 2 CVBS video-inputs for after-market devices (e.g. USB-Player, DVB-T2 tuner)
- Automatic switching to rear-view camera input on engagement of the reverse gear
- Automatic front camera switching after reverse gear for 10 seconds
- Activatable parking guide lines for rear-view camera (not available for all vehicles)
- Video-in-motion (ONLY for connected video-sources)
- Video-inputs NTSC compatible



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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. This product should only be used while standing or to display fixed menus or rear-view-camera video when the vehicle is moving, for example the MP3 menu for DVD upgrades.

Changes/updates of the vehicle's software can cause malfunctions of the interface. We offer free software-updates for our interfaces for one year after purchase. To receive a free update, the interface must be sent in at own cost. Labour cost for and other expenses involved with the software-updates will not be refunded.

1. Prior to installation

Read the manual prior to installation.

Technical knowledge is necessary for installation. The place of installation has to be free of moisture and away from heat sources.

1.1. Delivery contents



Take down the serial number of the interface and store this manual for support purposes:



1.2. Checking the compatibility of vehicle and accessories

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Re	auı	ıre	m	en	ts

Brand	Compatible vehicles	Compatible systems
Ford	Tourneo Connect3 since 05/2022* Transit Connect3 since 05/2024*	Audiosystem 2 MIB3 Entry - All-in-One DIN or short- DIN head-unit* with 8.25inch monitor Not compatible with MIB3 from JOYNEXT
Seat/Cupra	Arona (KJ7) since model year 2022 Ateca (KH7) since model year 2021 Ibiza5 (KJ) since model year 2022 Leon4 (KL) since 01/2020 Tarraco (KN2) since 12/2018	MIB3 Entry infotainment- All-in-One DIN or short-DIN head-unit with 8.25inch monitor Not compatible with MIB3 from JOYNEXT
Skoda	Fabia 4 (PJ) since 09/2021 Kamiq (NW4) since 06/2019 Karoq (NU7) since model year 2018 Octavia4 (NX) since 07/2019* til 2024 Scala (NW1) since 01/2019	MIB3 Entry - Composition infotainment - All-in-One DIN or short-DIN head-unit* with 8.25inch monitor Not compatible with MIB3 from JOYNEXT
vw	Caddy5 (SB) since 11/2020 Golf8 (CD) since 12/2019 til 03/2024	MIB3 Entry – Composition infotainment - All-in-One DIN or short-DIN head-unit with 8.25inch monitor Not compatible with MIB3 from JOYNEXT

Limitations

Inserted video picture	In the inserted video picture (front and rear view camera, video 1 and video 2) a 5mm wide black strip remains on both sides that cannot be faded out.
Video only	The interface inserts ONLY video signals into the infotainment. For inserting Audio signals either the possibly existing factory audio-AUX-input or a FM-modulator can be used. In case that 2 AV sources shall be connected, a desired audio switching will require additional electronic.
Factory rear-view camera	Automatically switching-back from inserted video to factory rear-view camera is only possible while the reverse gear is engaged. To delay the switch-back an additional electronic part is required.
After market front camera	The front camera will automatically be switched for 10 seconds after disengaging the reverse gear. A manually front camera switching is possible by external keypad.
Guidelines	Displayed guidelines are not available in all vehicles.
Video input signal	NTSC video sources compatible only.
Mechanical installation for advance only	There is many mechanical different factory head units which are technically compatible. Therefore, depending on the very head unit/vehicle, the



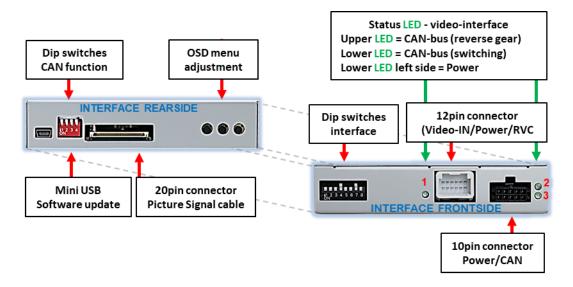
*With installation in **Ford Tourneo Connect** and **Skoda Oktavia4**, to install the daughter PCB resp. the ribbon cable without damage, the dashboard must be machined (refer to chapter 2.3.2.2. Special case Skoda Oktavia4 - machining of the dashboard and 2.3.2.3. Special case Ford Tourneo Connect - machining of the dashboard).

head unit housing and/or the dashboard might need mechanical modification.

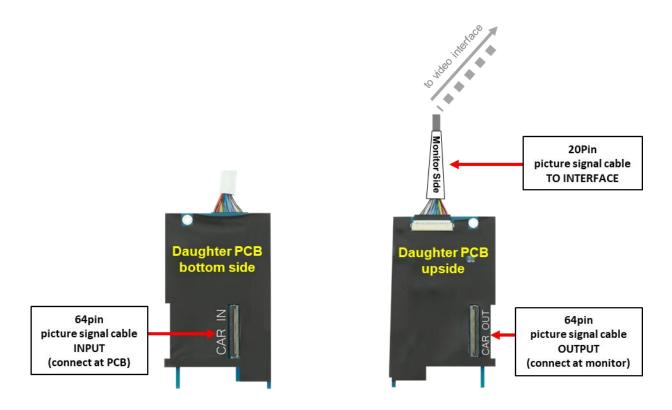


1.3. connectors - video-interface

The video-interface (daughter PCB) converts the video signals of connected after-market sources in a factory monitor compatible picture signal which is inserted in the factory monitor, by using separate trigger options.



1.4. connectors – daughter PCB



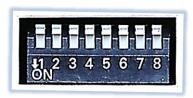


1.5. Dip-switch settings

1.5.1. 8 dip - black

Some settings have to be selected by the dip-switches on the video interface.





Dip	Function	ON (down)	OFF (up)
1	Front camera	enabled*	disabled
	Power supply output (red wire)	+12V (max. 3A) when reverse gear is engaged incl. 10 seconds delay and +12V by manual switching to front camera by keypad	+12V (max. 3A) ACC
2	CVBS AV1-input	enabled	disabled
3	CVBS AV2-input	enabled	disabled
4	No function		Set to OFF
5	Rear-view cam type	after-market	factory or none
6	No function		Set to OFF
7	No function		Set to OFF
8	No function		Set to OFF

^{*}The front camera will automatically be switched for 10 seconds after disengaging the reverse gear (see following information).

After each Dip-switch-change a power-reset of the Video Interface has to be performed!

1.5.1.1. Activating the front camera input (dip 1)

If set to ON, the interface switches for 10 seconds from the rear-view camera to the front camera input after having disengaged the reverse gear. In addition, a manual switch-over to the front camera input is possible via keypad (short press) from any image mode.

Description of the front camera power supply: see chapter "Power supply output".

1.5.1.2. Enabling the interface's video inputs (dip 2-3)

Only the enabled video inputs can be accessed when switching through the interface's video sources. It is recommended to enable only the required inputs, disabled inputs will be skipped when switching through the video-interfaces inputs.



1.5.1.3. Rear-view camera setting (dip 5)

If set to OFF, the interface switches to factory picture while the reverse gear is engaged to display factory rear-view camera.

If set to ON, the interface switches to its rear-view camera input "V4 Reverse" while the reverse gear is engaged.

Note: Dip 4, 6, 7 and 8 are out of function and have to be set to OFF.

After each Dip-switch-change a power-reset of the Video Interface has to be performed!

1.5.2. 4 dip - red

By using the Dip-switches, the factory Head-unit or vehicle can be chosen which the interface will be connected to.

Dip position down is **ON** and position up is **OFF**.

Set all dip switches to off

Vehicle/Navigation	Dip 1	Dip 2	Dip 3	Dip 4
All vehicles	OFF	OFF	OFF	OFF



2. Installation

To install the interface, first switch off the ignition and disconnect the vehicle's battery. Please read the owner's manual of the car, regarding the battery's disconnection! If required, enable the car's Sleep-mode (hibernation mode)
In case the sleep-mode does not succeed, the disconnection of the battery can be done with a resistor lead.

As with any installation of retrofit equipment, a stand-by test is necessary after the installation of the video interface, to ensure that the unit also switches off after reaching the vehicle's sleep mode.

Before the final installation, we recommend a test-run of the interface. Due to changes in the production of the vehicle manufacturer, there's always the possibility of incompatibility.

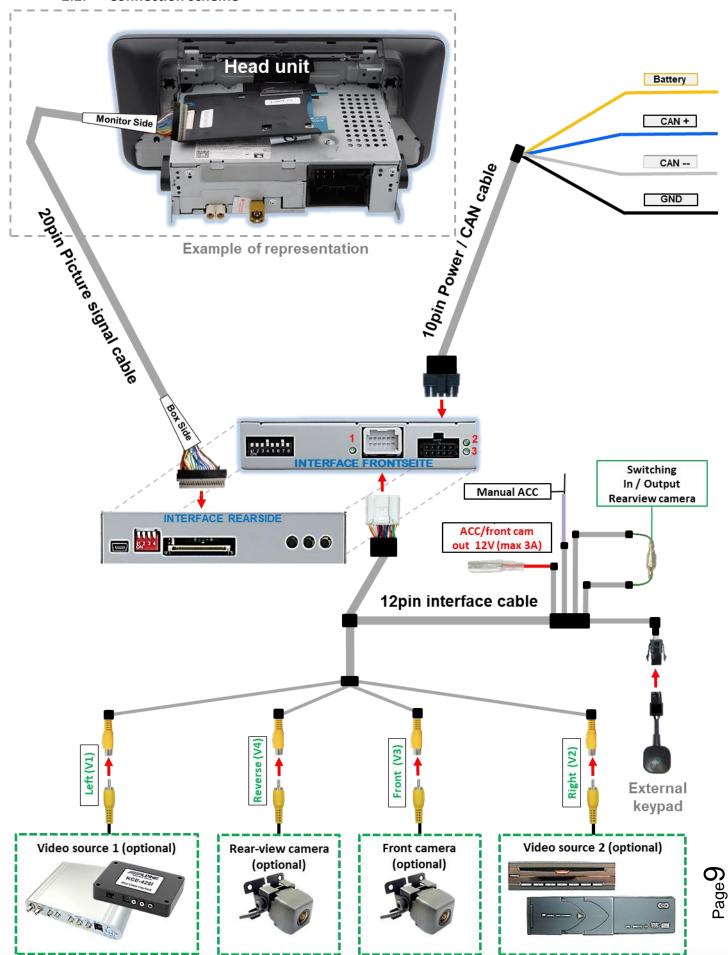
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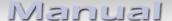
2.1. Place of installation

The video interface is designated to be connected behind the vehicle's head unit.

The daughter PCB is connected and installed outside the head unit. To do this, the ribbon cables are routed out of the head unit housing.

2.2. Connection scheme





2.3. Installation – daughter PCB

2.3.1. Warning notes, concerning the installation of ribbon cables



1) The contacting ends of ribbon cables always have to be installed in a straight and precise 180° position to the connector. Each deviation from a perfect contact position will curse faulty contact and even danger of short circuit



2) The ribbon cable's contacting side always has to correspond to the contacting side of the connector, concerning the mounting position.

2.3.2. Head units with DIN housing

Remove the factory monitor and open the case. The external daughter PCB is installed in the picture signal cable between the monitor panel and the monitor's main board.

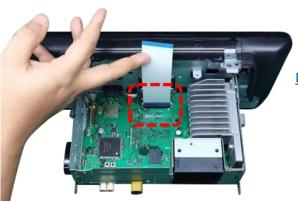




Remove the 5 screws on the top of the head unit and take off the casing cover.

2

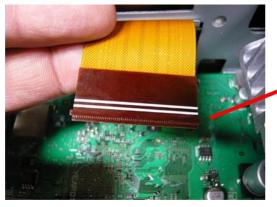
Unclip the copper-coloured 64pin factory picture signal cable from the flex cable socket on the main board.



Long version of the supplied 64pin ribbon cables!

3

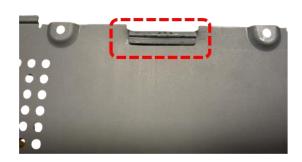
Clip the supplied **long** 64pin ribbon cable into the previously freed ribbon cable socket on the main board.







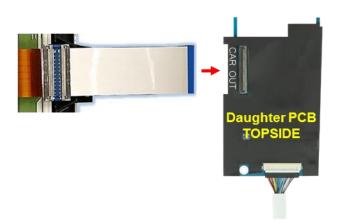
Short version of the supplied 64pin ribbon cables!



Modify the housing cover in advance, then grind and protect the edges, e.g. with fabric tape.



DiRoute the two ribbon cables out of the enclosure at the indicated point without jamming them, and mount the housing cover again.



Clip the **short** 64pin flex cable, which was previously used to extend the copper-coloured 64pin factory picture signal cable, into the flex cable socket marked **Output CAR OUT** on the top side of the daughter PCB.



Clip the **long** 64pin flex cable into the flex cable socket labelled **Input CAR IN** on the bottom of the daughter PCB.

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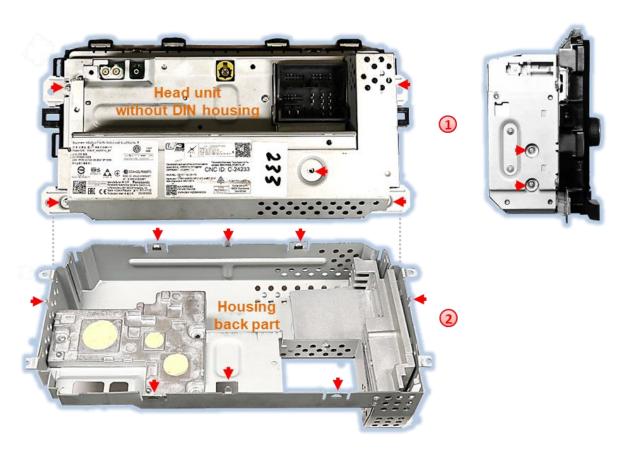




Attach the daughter PCB to the outside of the head unit enclosure using the included Velcro tape.

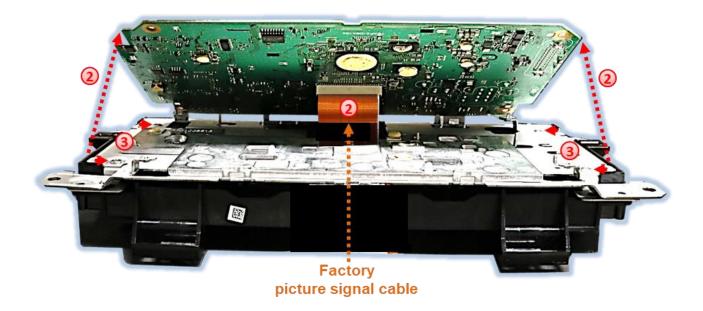
2.3.3. Head units without DIN housing

Remove the factory monitor and open the case. The external daughter PCB is installed in the picture signal cable between the monitor panel and the monitor's main board.

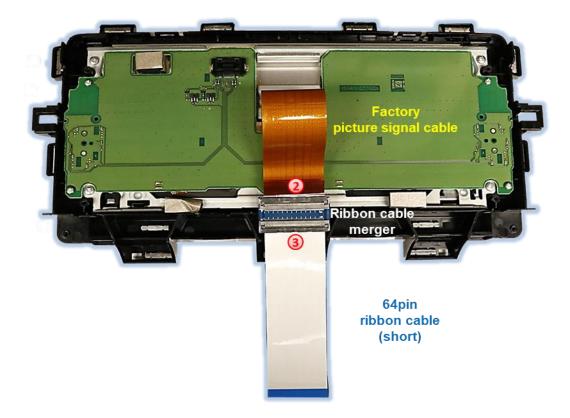


- Remove the marked screws on the rear-side and side of the back housing.
- 2 Unclick the marked metal tabs of the housing's back section and carefully lift off the back section and then lay it aside.

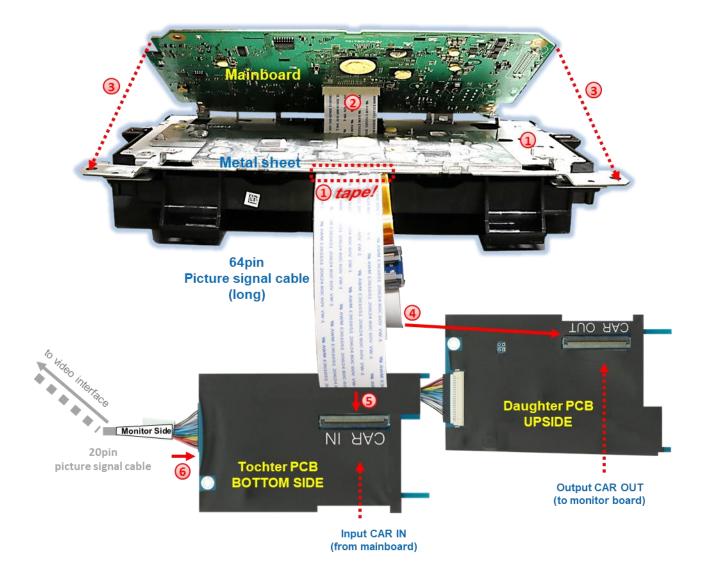




- Unscrew marked screws of main board.
- 2 Carefully lift off main board and unclip copper 64pin factory picture signal cable, coming from monitor, from bottom side of main board.
- 3 After main board has been put aside, unscrew marked screws of intermediate metal sheet and put it aside as well.



- Mill away enough of plastic housing at marked point to allow flex cables to pass through without friction between housing and intermediate plate later on.
- 2 Clip copper-coloured 64pin factory picture signal cable coming from monitor to enclosed ribbon cable merger in shown position.
- 3 Clip enclosed **short** 64pin picture signal cable to other side of enclosed ribbon cable merger in shown position.
- Caution: It is impossible to feed flex cables through at another location without damaging them!



- 1 Protect two 64pin ribbon cables from injury by using fabric tape and refit intermediate metal sheet.
- ② Clip-in enclosed long 64pin ribbon cable at ribbon cabe base below main board.
- 3 Place main board back on intermediate metal sheet and fasten it with original screws (then also refit housing back part).
- 4 Clip the **short** 64pin ribbon cable that was used to extend the copper-coloured 64-pin factory picture signal cable into the flex cable socket marked **Output CAR OUT** on the daughter PCB.
- Clip the **long** 64pin ribbon cable, previously attached to the flex cable socket of the main board, into the flex cable socket marked **Input CAR IN** on the daughter PCB.
- Caution: Inadvertently mixing up the inputs and outputs CAR IN and CAR OUT may cause considerable damage to head unit's electronics!
 - 6 Connect 20pin connector of 20pin picture signal cable to 20pin connector of daughter PCB.



Exemplary representation, the current daughter PCB is not shown

Attach the daughter PCB to a suitable location on the outside of the head unit enclosure using the enclosed Velcro tape.



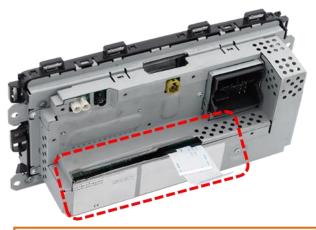
Attention: There are numerous mechanically different but technically compatible head units. Therefore, it may be necessary to mechanically modify the head unit housing and/or the dashboard.

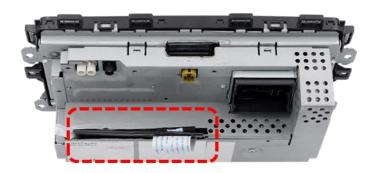
When installing in the Skoda Octavia 4 and Ford Tourneo Connect, it is essential to modify the head unit housing or rather the dashboard to accommodate the daughter PCB without damage - see the following chapters.



2.3.3.1. Modification of head unit casing - optional

There are numerous mechanically different but technically compatible head units. Therefore, it may be necessary to mechanically modify the head unit housing or rather the dashboard.





Cut an opening at the marked point on the back of the head unit housing to allow the daughter PCB to be 'plugged in'.

2

'Insert' daughter PCB with clipped-in ribbon cables (see above) into the opening of the housing.



3

View from behind with daughter PCB 'plugged in'.

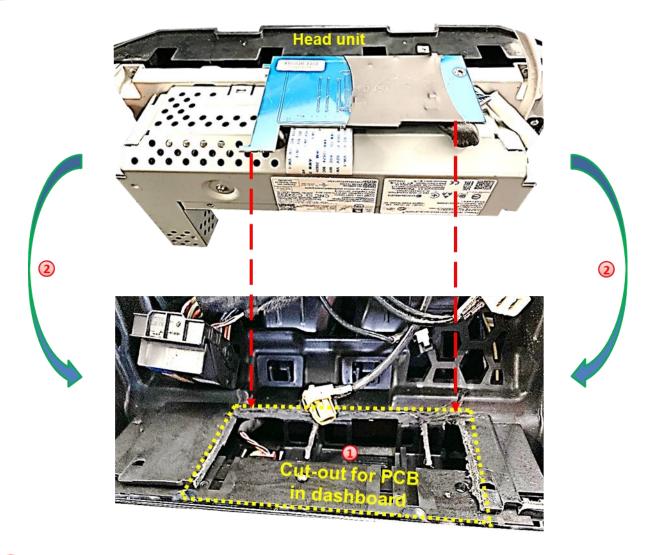


2.3.3.2. Special case Skoda Oktavia4 - machining of the dashboard

A cut-out in the dashboard is required for the Skoda Octavia 4 because the 64pin ribbon cable is routed through it without damage and the daughter PCB is located on the outside of the head unit housing.



Optionally, it is also possible to modify the head unit's case, see previous chapter.



- 1 Make the cut-out in the dashboard below the head unit position as shown in the picture above. The front nose in the dashboard for the head unit's fitting will be removed by this process, which has no influence on its permanent reinstallation.
- Reinstall the head unit with the daughter PCB underneath in such a way, that both, the damage-free feed-through of the 64pin flex cable and the secure embedding of the daughter PCB in the cut-out area are ensured.



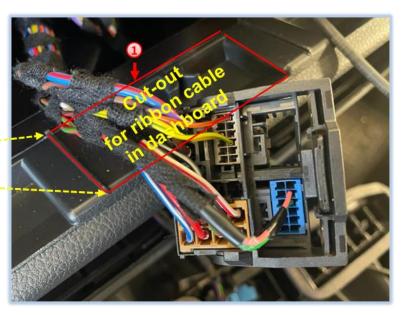
2.3.3.3. Special case Ford Tourneo Connect machining of the dashboard required

A cut-out in the dashboard is required for the Ford Tourneo Connect because the 64pin ribbon cable is routed through it without damage and the daughter PCB is located on the outside of the head unit housing.



Optionally, it is also possible to modify the head unit's case, see chapter 2.3.3.1. Modification of head unit casing – optional.

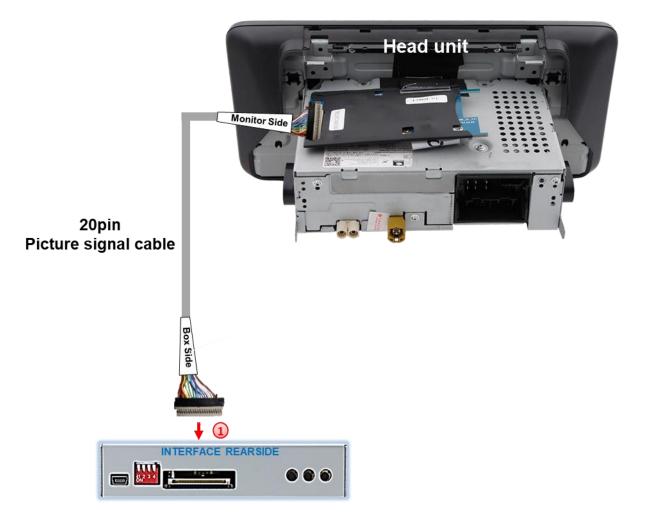




Make the cut-out in the dashboard below the head unit position as shown in the picture above to ensure the damage-free routing of the 64pin ribbon cable

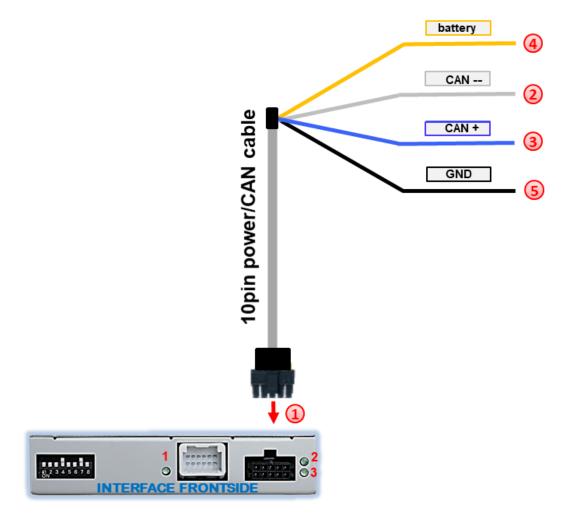


2.4. Connection – 20pin picture signal cable



Connect the female 20pin connector of the daughter PCB's pre-connected 20pin picture signal cable to the video interface's male 20pin connector.

Connection – 10pin Power / CAN cable 2.5.



- Connect enclosed 10pin Power / CAN cable's female 10pin connector to male 10pin connector of video interface.
- Connect grey wire "CAN LOW" to vehicle's CAN low wire and isolate connection.
- Connect blue wire "CAN HIGH" to vehicle's CAN high wire and isolate connection.
- Connect red wire to stabile +12V terminal 30.
- Connect black cable to vehicle's negative **Ground**.

Check 1

Exceptionally, the CAN communication may not succeed in all vehicles! If, after connecting the 10pin power cables, no interface LED lightens up while the ignition is turned on, the analog power supply needs to be done! (see following chapter)

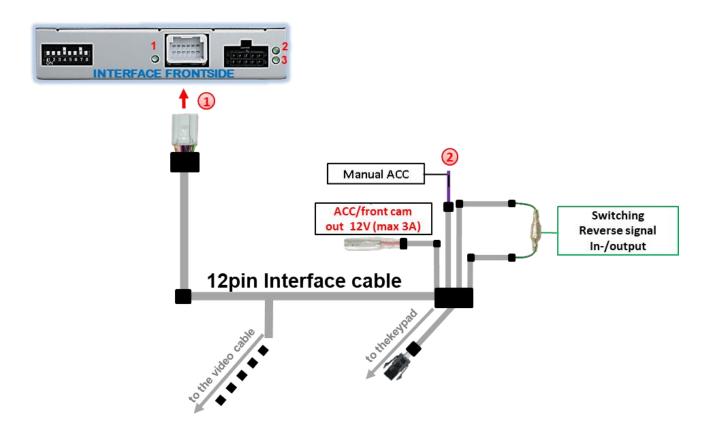
Check 2

Exceptionally, the power supply to the video interfaces may not be interupted after switching to the vehicle's sleep mode. If the interface LEDs continue to shine even in the vehicle's sleep mode, please contact the support!



2.6. Analog power supply

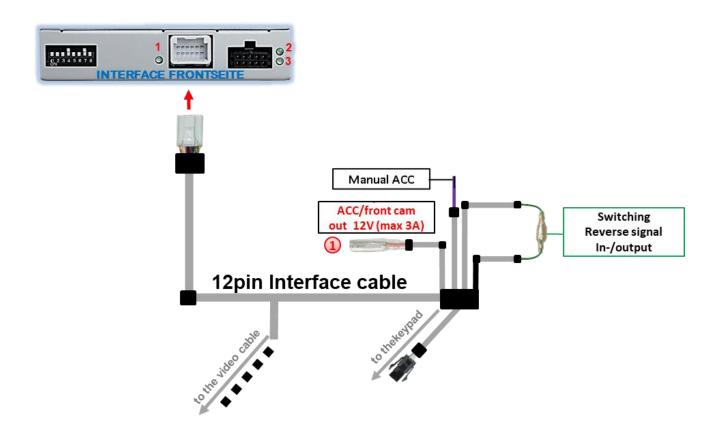
If the communication between the CAN box and the vehicle's CAN bus does not succeed (not all vehicles are compatible), the analogue connection is required.



- 1 Connect female 12pin connector of 12pin interface cable to male 12pin connector of video interface.
- Connect 12pin interface cable's purple wire Manual ACC to +12V Ignition power or to +12V S-contact terminal 86s +12V (e.g., glove compartment illumination).



2.7. Power supply output



1 The red power supply output ACC/front cam out 12V (max 3A) can be used to power an external source and has a different assignment, depending on the position of dip switch 1 (of 8 dips):

Dip	Function
Dip 1 ON	+12V (max. 3A) when reverse gear is engaged plus 10 seconds delay after reverse gear is disengaged and +12V when manually switched to front camera by keypad (short press)
Dip 1 OFF	+12V permanent (max. 3A) ACC



2.8. Connection – Video sources

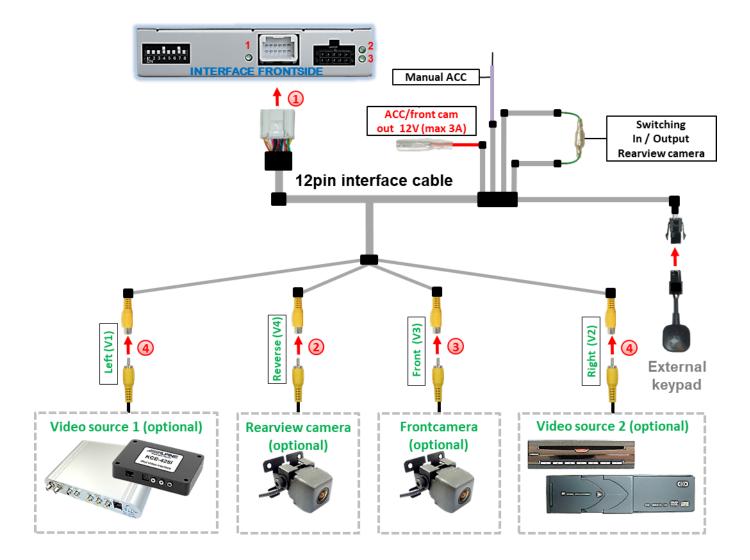
It is possible to connect an after-market rear-view camera, an after-market front camera and two more video sources to the video-interface.

Before the final installation, we recommend a test-run to detect a incompatibility of vehicle and interface. Due to changes in the production of the vehicle manufacturer there's always a possibility of incompatibility.



Limitation: In the inserted video picture (front and rear-view camera, video 1 and video 2) a 5mm wide black strip remains on both sides that cannot be faded out.





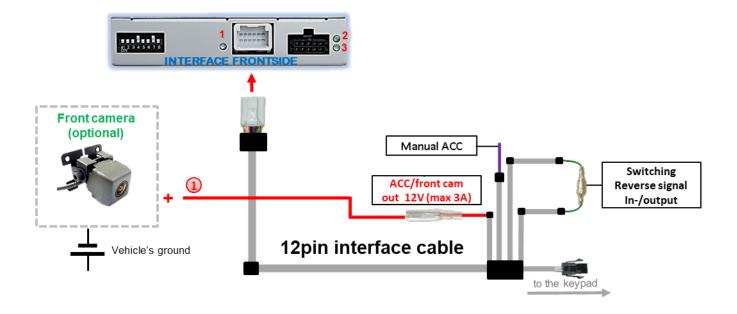
- Onnect 12pin interface cable's female 12pin connector to male 12pin connector of video-interface.
- Connect video RCA of rear-view camera to 12pin interface cable's female RCA connector "Reverse V4.
- Connect front camera's video RCA connector to 12pin interface cable's female RCA connector "Front V3".
- Connect video RCA of the AV source 1 and 2 to 12pin interface cable's female RCA connector "Left (V1)" and "Right (V2)".



2.8.1. Audio insertion

This interface is only able to insert video signals into the factory infotainment. If an AV-source is connected, the audio insertion has to be done by the factory audio AUX input or an FM-modulator. The inserted video-signal can be activated simultaneously to each audio-mode of the factory infotainment. If 2 AV sources shall be connected to the infotainment, additional electronic is necessary to switch the audio signals.

2.8.2. After-market front camera



Fed wire power supply output ACC/front cam out 12V (max 3A) can be used to power a front camera. If Dip 1 is set to ON (black 8 dips), the power supply output gives +12V (max 3A) when reverse gear is engaged plus 10 seconds delay after reverse gear is disengaged.

Note: In addition, a manual switch-over to the front camera input is possible via keypad (short press) from any image mode. The power supply output gives +12V then, as well (if Dip 1 is set to ON and the front camera input is selected).

Attention: A long press of the external keypad push button will switch the interface to the next source.

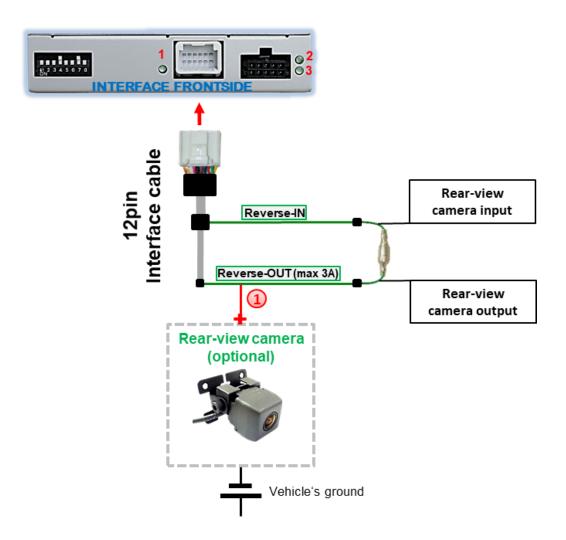
2.8.3. After-market rear-view camera

Some vehicles have a different reverse gear code on the CAN-bus which doesn't communicate with the interface's CAN. In this case there are two different ways of installation. If the interface's CAN is able to detect an enabled vehicle's reverse gear, the green wire of the 12pin cable should carry +12V while the reverse gear is engaged.

Note: Do not forget to set dip5 of video-interface to ON before testing.

2.8.3.1. Case 1: Interface receives the reverse gear signal

If the interface receives +12V on the green wire of the 12pin interface cable while reverse gear is engaged, the video interface will automatically switch to the rear-view camera input "CAMERA-IN" while the reverse gear is engaged.

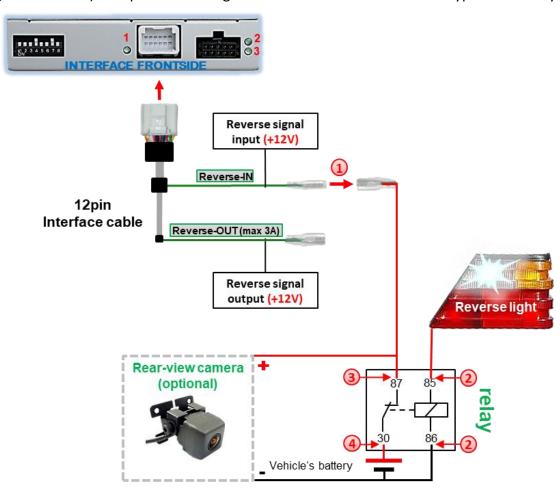


1 The 12 V power supply for the rear-view camera (max 3A) has to be taken from the 12pin interface cable's green wire "Reverse-OUT" to avoid an unnecessary, permanent power supply to the camera electronic.

Both green cables "Reverse IN" and "Reverse OUT" have to remain connected.

2.8.3.2. Case 2: Interface does not receive the reverse gear signal

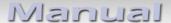
If the video interface does <u>not</u> receive +12V on the green wire of the 12pin interface cable when reverse gear is engaged (not all vehicles are compatible), an external switching signal from the reverse gear light is required. As the reverse gear light's power supply isn't voltage-stable all the time, an ordinary open relay (e.g., AC-RW-1230 with wiring AC-RS5) or filter (e.g. AC-PNF-RVC) is required. The diagram below shows the connection type of the relay.



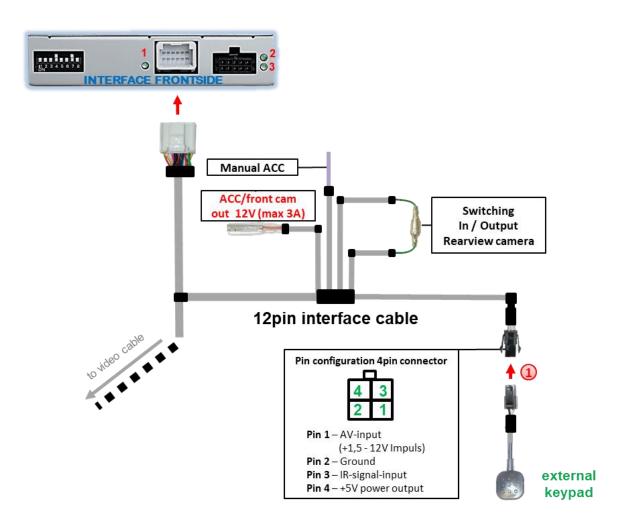
① Disconnect the green cable's pre-connected male- and female connectors of the 12pin cable and connect the green input cable "Reverse-IN" to the output connector (87) of the relay.

Note: Not least to avoid short circuits, the best solution should be, to crimp a male 4mm connector to the relay's output cable and connect it to the green cable's female 4mm connector. The output-cable "Reverse-OUT" remains disconnected as it's out of function.

- 2 Connect the Reverse light's power-cable to coil (85) and the vehicle's ground to coil (86) of the relay.
- 3 Connect the output connector (87) of the relay to the rear-view camera's power-cable, like you did it to the green "Reverse-IN" cable before.
- 4 Connect permanent power / 12V to the relay's input connector (30).



2.9. Connection – external keypad



1 Connect the keypad's female 4pin connector to the 12pin interface cable's male 4pin connector.

Note: Even if the switching through several video sources by the keypad mightn't be required, the keypad's invisible connection and availability is strongly recommended.



3. Interface operation by external keypad

The interface's external keypad can be used to switch the enabled inputs.

Long press of keypad (2-3 seconds)

By long pressing the external keypad (2-3 seconds), the video interfaces switches from factory video to inserted video sources.

Each press (approx. 2 sec) will switch to the next enabled input. If all inputs are enabled the order is:

Factory video \rightarrow video IN1 \rightarrow video IN2 \rightarrow factory video \rightarrow ...

Disabled inputs will be skipped.

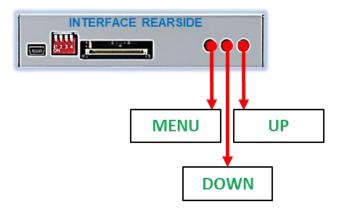
Note: The interface switches **after releasing** the switch (after long pressure).

Short press of keypad (only if DIP 1 is set to ON)

By short pressing the external keypad, the video interfaces switches from factory video to front camera input and back to factory video.



4. Picture settings

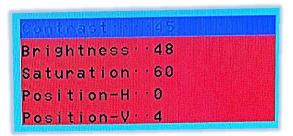


The picture settings are adjustable by the 3 push-buttons of the daughjter PCB's menu keypad. Press the 1. button to open the OSD settings menu or to switch to the next menu item. By pressing the other both push buttons the selected value will be changed. To avoid accidental changes during or after the installation, we recommend to disconnect the keypad from the pushbutton cable after the adjustments are done. Adjustments have to be done, while the selected input is visible on the monitor.

Note: The OSD menu is only shown when a working video source is connected to the selected video-input of the interface.

The following settings are available:

Contrast
Brightness
Saturation
Position H (horizontal picture position)
Position V (vertical picture position)



Note: To adjust the reverse picture settings, engage the reverse gear.

5. Specifications

BATT/ACC range 7V - 25V Stand-by power drain about 10mA about 160mA @12V Power Video input 0.7V - 1V Video input formats NTSC -40°C to +85°C Temperature range 117 x 26 x 91mm (W x H x D) Dimensions Video-box Dimensions daughter PCB 126 x 6 x 76mm (W x H x D)

 $\frac{1}{2}$



6. FAQ – Trouble shooting Interface functions

For any troubles which may occur, check the following table for a solution before requesting support from your vendor.

Symptom	Reason	Possible solution
	Not all connectors have been reconnected to factory head-unit or monitor after installation.	Connect missing connectors.
No picture/black picture (factory	No power on CAN-bus box (all LED CAN-bus box are off).	Check power supply of CAN-bus box. Check CAN-bus connection of CAN-bus box.
picture).	CAN-bus box connected to CAN-bus in wrong place.	Refer to the manual where to connected to the CANbus. If not mentioned, try another place to connect to the CAN-bus.
	No power on video-interface (all LED video-interface are off).	Check whether CAN-bus box delivers +12V ACC on red wire output of 8pin to 6pin cable. If not cut wire and supply ACC +12V directly to video-interface.
	No picture from video source.	Check on other monitor whether video source is OK.
No picture/black	No video-source connected to the selected interface input.	Check settings dips 1 to 3 of video interface which inputs are activated and switch to corresponding input(s).
picture/white picture (inserted picture) but factory picture is OK.	LVDS cables plugged in wrong place.	Double-check whether order of LVDS cables is exactly connected according to manual. Plugging into head-unit does not work when the manual says to plug into monitor and vice versa.
Inserted picture totally wrong size or position. Inserted picture double or 4 times on monitor.	Wrong monitor settings of video-interface.	Try different combinations of dips 7 and 8 of video-interface. Unplug 6pin power after each change.
Inserted picture	Video sources output set to AUTO or MULTI which causes a conflict with the interfaces auto detection.	Set video source output fixed to PAL or NTSC. It is best to set all video sources to the same standard.
distorted, flickering or running vertically.	If error occurs only after source switching: Connected sources are not set to the same TV standard.	Set all video sources to the same standard.
	Some interfaces can only	Check manual whether there is a limitation to NTSC
Inserted picture b/w.	handle NTSC input.	mentioned. If yes, set source fixed to NTSC output.
Inserted picture qual.		
bad.		
Inserted picture size	Picture settings have not been	Use the 3 buttons and the interface's OSD to adjust the
slightly wrong.	adjusted.	picture settings for the corresponding video input.
Inserted picture		
position wrong. Camera input picture flickers.	Camera is being tested under fluorescent light which shines directly into the camera.	Test camera under natural light outside the garage.
Camera input picture is bluish.	Protection sticker not removed from camera lens.	Remove protection sticker from lens.



Symptom	Reason	Possible solution
Camera input picture black. Camera input picture	Camera power taken directly from reverse gear lamp.	Use relay or electronics to "clean" reverse gear lamp power. Alternatively, if CAN-bus box is compatible with the vehicle, camera power can be taken from
has distortion. Camera input picture settings cannot be adjusted.	Camera input picture settings can only be adjusted in AV2 mode.	green wire of 6pin to 8pin cable. Set dip 3 of video-interface to ON (if not input AV2 is not already activated) and connect the camera to AV2. Switch to AV2 and adjust settings. Reconnect camera to camera input and deactivate AV2 if not used for other source.
Graphics of a car in camera input picture.	Function PDC is ON in the interface OSD.	In compatible vehicles, the graphics will display the factory PDC distance. If not working or not wanted, set interface OSD menu item UI-CNTRL to ALLOFF.
Chinese signs in camera input picture	Function RET or ALL is ON (function for Asian market) in the interface OSD.	Set interface OSD menu item UI-CNTRL to ALLOFF or PDCON.
Not possible to switch video sources by OEM button.	CAN-bus interface does not support this function for vehicle.	Use external keypad or cut white wire of 6pin to 8pin cable and apply +12V impulses for AV-switching.
Not possible to switch	Pressed too short.	For video source switching a longer press of about 2.5 seconds is required.
video sources by external keypad.	SW-version of interface does not support external keypad.	Use OEM-button or cut white wire of 6pin to 8pin cable and apply +12V impulses for AV-switching.
Interface does not switch to camera input when reverse gear is engaged.	CAN-bus interface does not support this function for the vehicles.	Cut the green wire of the 6pin to 8pin cable and apply +12V constant from reverse gear-lamp signal. Use relay to "clean" R-gear lamp power.
Interface switches video-sources by itself.	CAN-bus interface compatibility to vehicle is limited.	Cut the grey wire of 6pin to 8pin and isolate both ends. If problem still occurs, additionally cut the white wire of 6pin to 8pin cable and isolate both ends.

7. 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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