



VP2 Radio Type



<b>K</b> Zurück		Information	X Schließen
Softw	are Version	BKC4-N	1BY-01
CAN /	Aktivität		Yes
Interfa	ace status		OK
Uhrze	it und Datum		>

### Radio Preparation (Open Dash) / VP1 Radio Type



<b>K</b> Zurück	Information	X Schließen
Software Version	BKC4-N	ИВҮ-01
CAN Aktivität		Yes
Interface status		OK

The new CAN BUS interface simplifies installation and allows advanced customization options for vehicles with and without OEM radio





### **Interface Information**



#### Sync radio clock

→ After installing the X903D-DU or X903D-DU2, if the vehicle had the VP2 OEM radio previously installed, you may find that the time clock in the instrument panel flashes. In this case the clock needs to be set or sync'd via the X903D-DU/DU2.





## Interface Settings – Page 1

K Back	Interface Settings	Close
Information		>
Interface Se	ttings	>
Vehicle setti	ngs	>

K Interface Settings			ci	<b>X</b> ose
Ignition Logic			Key	>
Ign. HOLD Minutes		0 min(s)	+	
Reverse Logic			Natural	
Rev. ON HOLD Seconds				
Rev. OFF HOLD Seconds				



- Ignition Logic
  - $\rightarrow$  switch between Key and Door
  - $\rightarrow$  Key = the radio switches on automatically when the key is turned in the ignition lock
  - → Door = the radio switches on automatically when the central locking of the door\* is opened (PRE-ignition)

K Back	Interface Settings			CI	×
Ignition Logic				Door	$\rangle$
Ign. HOLD Minutes		-	0 min(s)	+	
Reverse Logic				Natural	>
Rev. ON HOLD Seco					
Rev. OFF HOLD Sec					

K Interfa	ce Settings
Ignition Logic	Key >
Ign. HOLD Minutes	— 30 min(s) 🕂
Reverse Logic	Natural >
Rev. ON HOLD Seconds	
Rev. OFF HOLD Seconds	

### Ignition HOLD Minutes

 $\rightarrow$  adjustable between 0 and 30 min(s)

 $\rightarrow$  the radio "runs on" the set time (0 to 30 min(s)) when the ignition is switched off from the vehicle / radio

\*must be supported by the vehicle





## Interface Settings – Page 2

<b>K</b> Back	Interface Settings			Close	
Ignitio	n Logic			Door >	
Ign. HOLD Minutes		-	0 min(s)	+	
Rever	se Logic		I	Vatural >	
Rev. C	ON HOLD Seconds		0 sec(s)	+	
	OFF HOLD Seconds			+	
Ruttor	Illumination		(	Dranne V	
<b>K</b> Back	Interface Settings			Close	
K Back	Interface Settings			Close	
K Back Ignitio	Interface Settings n Logic OLD Minutes		0 min(s)	Close Key > +	
K Back Ignitio Ign. H Rever	Interface Settings in Logic OLD Minutes se Logic	-	0 min(s) D	× Ciose Key > + lelayed >	
Back Ignitio Ign. H Rever Rev. C	Interface Settings n Logic OLD Minutes se Logic DN HOLD Seconds	-	0 min(s) D 0 sec(s)	Key > + elayed > +	
Ignitio Ign. H Rever Rev. C Rev. C	Interface Settings n Logic OLD Minutes se Logic DN HOLD Seconds DFF HOLD Seconds	-	0 min(s) D 0 sec(s) 0 sec(s)	Key > + elayed > +	I



### **Reverse Logic**

 $\rightarrow$  switch between Natural and Delayed

→ Natural = switches the reversing signal with activation / deactivation of the reverse gear immediately ON / OFF
→ Delayed = Switches the reversing signal with activation / deactivation of the reverse gear with a delay ON / OFF see below

Back	Interface Se	ettings		Close
Ignition Logi	с			Key 👌
Ign. HOLD M	linutes		0 min(s)	+
Reverse Log	ic		De	elayed >
Rev. ON HO	LD Seconds	-	0 sec(s)	+
Rev. OFF HC	)LD Seconds		30 sec(s)	+
Rutton Illumi	nation		0	rance )

### • Reverse ON HOLD Seconds (0 to 30sec.)

→ When you are engaging the reverse gear, the interface will trigger the reverse to the radio after the time period (0 to 30sec.) specified in the menu. → Example: Vehicles with automatic transmission - when switching from parking to neutral ( $P \rightarrow R \rightarrow N$ ), the reverse gear is triggered when configured time period is very short. This setting allows the user to wait for X seconds of engaged reverse gear before switching to reverse camera.

### • Reverse OFF HOLD Seconds (0 to 30sec.)

→ When you are removing the reverse gear, the interface will remove the reverse to the radio after the time period (0 to 30sec.) specified in the menu. (The camera image of the rear-view camera is displayed accordingly longer)

→ Example: While parking the vehicle and switching between first and reverse gear, many users want to see the backside of their car the entire time. The driver can use this setting for keeping the reverse signal active during the entire process. If the driver engages the reverse gear multiple times without having the timeout to activate, the camera will stay on during the entire parking process (max. 30 sec. after deactivating reverse gear).





## Interface Settings – Page 3

K Back	Interface Settings			Close
Ignition Logic			Do	or >
Ign. HOLD Minutes			0 min(s) 🚽	
Reverse Logic			Natu	ral
Rev. ON HOLD Sec				
Rev. OFF HOLD Se				
Rutton Illumination			Oran	ne )
<b>K</b> Back	Interface Settings	5		X Close
Button Illumination			Oran	ge 〉
Preflight Check			Off	
Button Configuration	on		Horizon	tal >
Steering Wheel			L	eft >
Factory Settings				>

<b>K</b> Back	Interface Settings	Close
Butto	n Illumination	Orange >
Preflig	ght Check	Off
Butto	n Configuration	Horizontal >
Steeri	ng Wheel	Left 〉
Facto	ry Settings	>

K Interface Settings	Close
Button Illumination	Orange 〉
Preflight Check	Off
Button Configuration	Horizontal >
Steering Wheel	Left >
Factory Settings	

<b>K</b> Back	Interface Settings	Clos
Button Illum	ination	Orange
Preflight Ch	eck	Off
Button Conf	figuration	Vertical
Steering Wh	neel	Left

### Steering Wheel

 $\rightarrow$  switchable between Left (default) and Right

- $\rightarrow$  Left = left hand drive (Europa default)
- $\rightarrow$  Right = right hand drive (UK)

Another set of buttons with a different layout is used here

### **Button Illumination**

- $\rightarrow$  switch the button illumination:
  - Orange, Dim Orange, Yellow, Dim Yellow, Red, Dim Red, Green, Dim Green, Blue, Dim Blue, White, Dim White
- Preflight Check → Menu item not available (Driver receives notification before start if equipment is secured)
  Button Configuration
  - $\rightarrow$  switch between Horizontal and Vertical
  - $\rightarrow$  Horizontal = X903D-DU (default)
  - $\rightarrow$  Vertical = X903D-DU2 (default)

configures the respective key assignment depending on the installed position of the keys

ings X
Orange >
Off
Horizontal >
Left >
>

- Factory Settings
  - $\rightarrow$  Resets all interface settings





Vehicle Settings – OEM Radio



### OEM Radio

- $\rightarrow$  Configure the interface by selecting the original radio type
- $\rightarrow$  The original radio type is stored in the interface





• Confirm

→ Default setting (without radio) does not have to be confirmed, only necessary if a VP1 or VP2 radio was previously set

→ The change to a VP1 radio or VP2 radio requires a reboot - must be confirmed

K Back	Vehicle Settings	Close
OEM Radio		Open Dash 👌

→ Open Dash has been configured (default)

K Back	Vehicle Settings	Close
OEM Radio		VP1 Radio >
$\rightarrow$ VP1	Radio has been con	fiaured

K Back	Vehicle Settings	Close
OEM Radio		VP2 Radio 👌
Units		
Display Trip B		Off

→ VP2 Radio has been configured (more settings on the next page)

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Vehicle Settings – VP2 Radio

