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 Robert Bosch Car Multimedia GmbH

- Cam Switch
 - Coach smartRadio
 - Microphone
 - Bosch-Cable
 - 7" Cockpit Display
 - Coach smartPanel
 - DVB-T Tuner
- # Please pay attention to the standby current consumption
 * Pinning see table on Page 2

The output power for each channel can be set 20W or 40W

3	6	9	
2	5	8	
1	----- 30.03.17 SW 4	7	Replaced by:
Ind.	Mod.Nr.	Date	Name
Projekt-Library:		Dwn.	21.03.17 SW
BPP_PS_SCHALTBILDER_		Ckd.	Soltau
		Ntc.	Schlichting
		Dpt.	
		Part name/Part title Coach smartInfotainment Series with DVB-T2, Cam Switch and Cockpit Display	
		Drawing-Nr./Ref.no. App_1103	
		Bl.-Zahl	2
		Bl.-Nr.	1
		No. of pg.	2
		Page-No.	1
		A3	



Drawing only sample

Pinning Coach smartPanel

Pin-No.	Function
C-1	Radio IN LEFT (FIX)
C-2	Radio IN RIGHT (FIX)
C-3	Radio GND
C-4	-
C-5	Ignition (12V/24V) / smartPanel ON (12V IN)
C-6	Ground
C-7	-
C-8	-
C-9	Ground
C-10	Control High
C-11	Control Low
C-12	Control Ground
C-13	Video OUT
C-14	Video OUT GND
C-15	-
C-16	External Video IN (+)
C-17	External Video IN (-)
C-18	External Video AF/AUX AF GND
C-19	External Video AF/AUX AF IN LEFT
C-20	External Video AF/AUX AF IN RIGHT
B-1	Speaker RIGHT CABIN 2 (+)
B-2	Speaker RIGHT CABIN 2 (-)
B-3	Speaker RIGHT CABIN 1 (+)
B-4	Speaker RIGHT CABIN 1 (-)
B-5	Speaker LEFT CABIN 1 (+)
B-6	Speaker LEFT CABIN 1 (-)
B-7	Speaker LEFT CABIN 2 (+)
B-8	Speaker LEFT CABIN 2 (-)
A-1	CAN (Entertainment CAN High)
A-2	CAN (Entertainment CAN Low)
A-3	CAN (Entertainment CAN GND)
A-4	High Side Driver (U 24 S VID)
A-5	-
A-6	Illumination
A-7	Battery (24V)
A-8	GND/Minus

Pinning Coach smartRadio

Pin-No.	Function
C-1	Radio OUT LEFT (FIX)
C-2	Radio OUT RIGHT (FIX)
C-3	Radio GND
C-4	-
C-5	smartPanel ON (12V OUT)
C-6	Ground
C-7	-
C-8	-
C-9	Ground
C-10	Control High
C-11	Control Low
C-12	Control Ground
C-13	-
C-14	-
C-15	-
C-16	-
C-17	-
C-18	AUX AF GND
C-19	AUX AF IN LEFT
C-20	AUX AF IN RIGHT
B-1	Preamp AF OUT RIGHT Cockpit
B-2	Preamp AF OUT RIGHT GND Cockpit
B-3	Speaker RIGHT Cockpit (+)
B-4	Speaker RIGHT Cockpit (-)
B-5	Speaker LEFT Cockpit (+)
B-6	Speaker LEFT Cockpit (-)
B-7	Preamp AF OUT LEFT Cockpit
B-8	Preamp AF OUT LEFT GND Cockpit
A-1	CAN (vehicle CAN High)
A-2	CAN (vehicle CAN Low)
A-3	CAN (vehicle CAN GND)
A-4	Ignition (12V/24V)
A-5	Antenna/AMP ON (12V)
A-6	Illumination
A-7	Battery (24V)
A-8	GND/Minus

Pinning DVB-T Tuner

Pin-No.	Function	Spec. / Description
1	Ign	KI. 15
3/6	n.c.	
4#	Ubat	KI. 30 / 12-24V
5	Gnd	KI. 31

Pinning Camera Switch

Pin-No.	Function	Spec. / Description
8pol Molex MicroFit 3.0		
1	Ubat	KI. 30 / 12-24V
2	Ground	KI. 31
3	RearViewSignal (RFLS)	high = active
4	CAM-CCU	
5	Remote on Camera 1	high = active
6	Remote on Camera 2	high = active
7	Remote on Camera 3	high = active
8	CAM Ground	

Pinning 7" Cockpit Display

Pin-No.	Function	Spec. / Description
1	IGN	KI. 15R
2	Reverse	Reverse Gear
3	Day/Night	KI. 58
4 #	Ubat	KI. 30 / 12-24V
5	Gnd	KI. 31
6	n.c.	

Pinning Monitor

Pin-No. Flip Down	Pin-No. Fix	Function	Spec. / Description
4	1	Ubat switched	KI. 30 from smartPanel via Relais
2	2	Gnd	KI. 31
3	3	n.c.	
1 #	---	Ubat	KI. 30 / 12-24V

Pinning and voltage depends on the used monitor

Pinning Wireless Microphone/ Charging Station

Pin-No.	Function	Spec. / Description
1	UBAT	KI.30 / 12-24V
2	GND	KI.31
3	-	-
4	IGN	KL.15
5	-	-
6	-	-

Please pay attention to the standby current consumption

3				6				9										
2				5				8										
1	-----	30.03.17	SW	4				7										Replaced by:
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										No. of pg. 2		Page-No. 2		A3				

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