Peugeot RCC-TD

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1. Main Spec.

1. Input Spec. (MULTI VIDEO INTERFACE)

- 1 x Digital RGB Input (Navigation System source)
- 1 x Analog RGB Input (Navigation System output)
- 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
- 1 x CVBS(FRONT CAMERA) Input. (Front camera source)
- 1 x LVDS Input. (Car Command System)
- 2. Output Spec.
 - -1 x Vertual Analog Touch (Navigation System source)
 - 1 x Uart Digital Touch (Navigation System source)
 - 1 x LVDS Output (LCD Operation)
- 3. Power Spec.
 - Input Power : 8VDC ~ 24VDC
 - Consumption Power : 12Watt, Max
- 4. Switch Input mode
 - Possible to select CAR model while switching mode by DIP S/W
 - By button on the Commander in the car via CAN



2. Block Diagram





3. Dimension





* This can change under manufacturer's circumstance



4. External Appearance





4. External Appearance





5. Connector Pin Assignment





6. Product Composition



Power Cable 1 EA

OSD Board 1 EA



Touch convertor Cable(KD-900) 1 EA



RGB NAVI Cable 1 EA



LVDS Cable 1 EA



7. DIP S/W Setting

* ON : DOWN , OFF : UP

PIN	FUNCTION	DIP S/W Selection
1	NAVI	ON : Not Used OFF : Used
2	DVB-T(AV1)	ON : Not Used OFF : Used
3	DVD(AV2)	ON : Not Used OFF : Used
4	N.C	
5	N.C	
6		
7	CAR type SEL	Right Picture
8		

* DIP S/W Example



Peugeot 3008 Citroen DS7



Peugeot 308-GT



Citroen C4 Picasso







Peugeot 208



8. Mode Change



2017 Citroen C4 PICASSO



2017 Peugeot 3008

MENU	NAV Bt	n NAVI _
Config	FrontCam-RcvOpt	0s
Option	SteeringWheelBtn	Off
Image	Button	Off
Screen	NAV Btn	Short Long Off
Parking	NAVI COM	HMS

Operation status of "NAV" button when "Short" is selected - Short press to switch OEM – NAVI – AV1 – AV2 -OEM

Operation status of "NAV" button when "Long" is selected

- Switch mode by pressing for 1 seconds
- Short press to switch OEM



8. Mode Change

2017year Peugeot 208



MENU	SteeringWhee	lBtn	NAVI _
Config	FrontCam-RcvOpt		0s
Option	SteeringWheelBtn	On	Off
Image	Button	Off	
Screen	UI DVB-T(DMB)	On	
Parking	UI DVD	On	

"SRC" button

- Switch mode by pressing for 1 seconds
- Short press to switch OEM



MENU	Butto	n	NAVI _
Config	FrontCam-RcvOpt		0s
Option	SteeringWhee1Btn	Off	
Image	Button	On	Off
Screen	UI DVB-T(DMB)	On	
Parking	UI DVD	On	

"MENU" button

- Switch mode by pressing for 1 secondsShort press to switch OEM



9. Touch Control

Touch control - Calibration



+ Touch according to the shape coordinates.



9. Touch Control

DVB-T/DVD Control





OSD control



MENU	Press to display when there is no OSD screen. When OSD screen is on, press it to EXIT or OFF.
SEL	Item Selection, Value Selection
UP	Item up Increase selected value
DOWN	Item down Decrease selected value

Mode State

MENU	Option		NAVI _
Config	NAVI COM	KPLAY	
Option	RearCam-Type	ExtDevice	
Image	RearCam-Power	Auto	
Screen	RearCam-Det	CAN	
Parking	FrontCam-Type	ExtDevice	

First Menu

Second Menu

Third Menu



OSD Config

First Menu	Second Menu	Third Menu	Description
Config	NAVI-RGB	DIGTAL-INAVI :	Setting the Connected NAVI Model
	DVB-T(DMB)	ELT_DVBT20 :	Setting the Connected DVB-T Model
	DVD	ELT_980XU Slim :	Setting the Connected DVD Model
	RearCam	AVM VIDEO :	Setting the Connected RearCam Model
	Reset	Execute	Reset to default value of Config menu

MENU	Config	NAVI
Config	NAVI-RGB	DGT-KPLAY-V-1280
Option	DVB-T(DMB)	ELT_DVBT20
Image	DVD	ELT_980XU Slim
Screen	RearCam	AVM
Parking	FrontCam	Default



OSD - Option Menu

First Menu	Second Menu	Third Menu	Description
		OEM	Original Camera
	RearCam-Type	ExtDevice	Equipped with external camera
		ON	+ 12V continuous supply
	RearCam-Power	AUTO	+ 12V supply only in Rear camera mode
		OFF	+ 12V off
	BearCam Dat	GEAR	Detected by CAN
	RearCam-Det	WIRE	Detected by Rear-Det Wire
	AV Mode	ON	Use "REAR" video input port as VIDOE input.
		OFF	Do not use features.
	FrontCam-Type	OEM	Original Camera
Option		ExtDevice	Equipped with external camera
	FrontCam-RcvOpt	ON	After RearCam shows FrontCam and returns to previous state
		OFF	Disable feature
	SteeringWheel Btn	ON	In the Peugeot 208 model, screen switching using the SRC button on the SteeringWheel
		OFF	Do not use features.
	Button	ON	In the Peugeot 208 model, Switch screens using the menu button on the left side of the screen
		OFF	Do not use features.



OSD - Option Menu

First Menu	Second Menu	Third Menu	Description
	UI DVB-T (DMB)	ON	DVB-T device control UI output function
		OFF	Disable feature
	UI DVD	ON	DVD device control UI output function
		OFF	Disable feature
Option	NAV Btn	On	Change the screen using the "NAV" button
		Off	Disable feature
	NAVI COM	HMS FINE :	To use UART Touch, select a navigation manufacturer.
		OFF	Do not use features.
	Reset	Execute	Option Menu all Reset



OSD Option -> FrontCam-RcvOpt

Front Camera Auto Mode

- 0 second = FrontCam-RcvOpt menu OFF
- 1~30 second = FrontCam-RcvOpt menu ON & time control

MENU←	FrontCam-D	et NAVI		MENU←	FrontCa	n-Det NAVI
Config←	FrontCam-Power←	Auto⊲		Config↩	FrontCam-Power⇔	Auto⇔
Option ←	FrontCam-Det←	ExtDevice←		Option ←	FrontCam-Det←	ExtDevice←
Image←	<u>FrontCam-RcvOpt</u> ←	□ 0s<²		Image←	<u>FrontCam-RcvOpt</u> ←	30s↩
Screen←	UI DVB-T(DMB)⇔	On↩		Screen←	UI DVB-T(DMB)⊲	On↩⊐
Parking⇔	UI DVD←	On←□		Parking⇔	UI DVD←⊐	On⊲
OE NA AV1(D AV2(E	M VI VB-T) DVD)	REAR	Sel	FRONT ect time of c	lisplay	OEM NAVI AV1(DVB-T) AV2(DVD)



NAVI-RGB menu

First Menu	Second Menu	Third Menu	Action
	Brightness		Adjust the value of brightness
	Contrast		Adjust the value of contrast
Imaga	Color-RED		Adjust the value of RED
image	Color-GREEN		Adjust the value of GREEN
	Color-BLUE		Adjust the value of BLUE
	Reset	Excute	Option Menu all Reset

DVD,DVB-T(DMB),NAVI-AV,REAR,FRONT menu

First Menu	Second Menu	Third Menu	Action
	Brightness		Adjust the value of brightness
	Contrast		Adjust the value of contrast
	Saturation		Adjust the value of Saturation
image	Hue		Adjust the value of Hue
	Sharpness		Adjust the value of Sharpness
	Reset	Excute	Option Menu all Reset



<< Brightness >>





<< Contrast >>





<< Saturation >>



OSD – Screen Menu

First Menu	Second Menu	Third Menu	Description
Screen	Horizontal		Output screen horizontal movement
	Vertical		Output screen vertical movement
	Scale X Up		Reduce / increase output
	Scale X Down		screen width
	Scale Y Up		Reduce / Increase Output
	Scale Y Down		Screen Height
	Reset		Screen menu all reset

MENU	Config	NAVI _
Config	Horizontal	50
Option	Vertical	50
Image	Scale X Up	50
Screen	Scale X Down	50
Parking	Scale Y Up	50



OSD – Parking Menu

First Menu	Second Menu	Third Menu	Description	
		ON	Show Proximity sensor	
	OPS Display	OFF	Do not show parking lines	
	Line Dicelay	ON	Show parking line	
Parking	Line Display	OFF	Do not show parking lines	
	Warnings Lang		Set warning text language	
	Horizontal		Moving a parking line horizontally	
	Vertical		Moving a parking line vertically	
	Transparency		Parking line transparency	
	Reset		Parking menu all reset	

MENU	Line Display 🛛 🤻 🤻		
Config	OPS Display	On	
Option	Line Display	On	Off
Image	Warnings Lang	English	
Screen	Horizontal	0	
Parking	Vertical	0	



MENU	Line Displ	REAR	
Config	OPS Display	On	
Option	Line Display	On	Off
Image	Warnings Lang	English	
Screen	Horizontal		0
Parking	Vertical		0





OSD Parking – Change warning language

MENU←	Line Displ	ay REAR _
Config⇔	OPS Display⊲	English⇔
Option⇔	Line Display↩	中文↩
Image⇔	Warnings Lang	한국어↩
Screen	Horizontal↩	日本↩
Parking₽	Vertical↩	Россия↩





OSD Parking – Adjust position of parking guide line

MENU	Parking	REAR _
Config	OPS Display	On
Option	Line Display	Off
Image	Warnings Lang	English
Screen	Horizontal	0
Parking	Vertical	0

Possible to adjust the position of parking guide line by Keypad in Horizontal / Vertical menu % Pressing this Horizontal / Vertical menu, The OSD screen automatically disappears. Please adjust from the parking line Screen.



Press "UP" button





OSD – OSD Menu

First Menu	Second Menu	Third Menu	Description
	Horizontal	value	OSD Menu Horizontal Shift
	Vertical	value	OSD menu vertical Shift
OSD	Display Time	value	OSD Menu Display Time (in seconds)
	Transparency	value	OSD menu transparency
	Language		OSD menu display language
	Reset	Execute	Initialize OSD settings

MENU	Horizontal NAVI		
OSD	Horizontal		50
IR-Ctrl	Vertical		50
Utility	Display Time		10s
	Transparency		30
	Language	English	

MENU	Reset		NAVI
OSD	Reset	Execute	Cancel
IR-Ctrl			
Utility			



OSD – IR learning function

* In order to work with the IR learning function, a separate IR cable is required.

- In DVB-T / DVD menu, select User in Sys (OSD list) or User (learned contents).
 Select Learn from the OSD menu.
- 3. Before using IR learning function, select All-Clear to delete existing stored data.

4. Press the remote control button to be used in each ICON once in New Code, press once again in Cfm Code to confirm it is the same and save it.



MENU	DVB-T(DMB)			NAVI
OSD	DVB-T(DMB)	Sel	Learn	Cancle
IR-Ctr1	DVD	Sys		
Utility	DVR	Sys		

DVB-T(DMB)

All-Clear

POWER

SCAN

	0111			
	CH-			
	↓			
MENU	DVB-T(DMB)			NAVI _
OSD	New Code:			
IR-Ctrl				
Utility				
	Save	Clr	Ca	ncle



MENU

OSD

IR-Ctrl

Utility

OSD – Utility Menu

First Menu	Second Menu	Third Menu	Description	
Utility	Factory Reset	Execute	Initialize all settings	
	Calibration	Execute	Calibration mode Execute	
	Version		FDSYOOKRX-180209 (Check for future upgrades)	

Last Source : FDSYOOKRX-180209



MENU	Utility		NAVI _
OSD	Factory Reset	Execute	Cancel
IR-Ctrl	Calibration	Execute	Cancel
Utility	Version	BEW3100AUX-210518	



1. Installation Navigation Connection





2. Installation DVB-T Remote Control Connection





3. Installation DVD Remote Control Connection





4. Installation External Reverse(Rear) Camera Connection





5. Installation JACK-BY-JACK Power-Cable connection



Head Unit(Commander)



12. Q & A

FAQ

- 1. Not possible to switch mode
 - Check connection of OSD Key pad wire
 - Check CAN connection
- 2. Display wrong size of picture
 - Check Dip s/w setting
- 3. Display black screen in OEM mode
 - Check connection of LVDS/LCD cable
- 4. Not possible to switch to rear screen
 - Check the packing setting (OSD Menu option RearCam-Det)

Caution

- 1. The device must not be installed in where it interferes driving (close to brake pedal, steering wheel, airbag etc.)
- 2. LVDS cable must be connected correctly according to the manual
- 3. Insulate the end of wire by using electrical tape
- 4. The installation should be done by expert
- 5. GU electronic does not take any responsibility for any problem caused by wrong installation

