

INSTRUCTION MANUAL

VIDEO INTERFACE

DODGE RAM 2019 TDC3 DODGE, JEEP INTERFACE

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CAR COMPATIBILITY SHEET

CIRAPLAY

CARAFILAY



CARDEVLAN

KAP

DODGE	RAM	12.0″	2019 ~
JEEP	Grand Cherokee	8.4″	2019 ~

CIRAPLAY



CIRKY



INTERFACE SPEC

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TRAPLAY

1 INPUT

- 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

• 1 x LVDS Output (LCD Operation)

3 тоисн

- 1 x Virtual Analog Touch (Navigation System source)
- 1 x UART Digital Touch (Navigation System source)

4 POWER

- Input Power : 8VDC ~ 24VDC
- Consumption Power : 12Watt, Max

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5 SWITCH INPUT MODE

Possible to select CAR model while switching mode by DIP S/W

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• By button on the Commander in the car via CAN

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EXTERNAL DEVICE SPECIFICATIONS



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DVB-T or DVD IN

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DIP SWITCH SETTING



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CONNECTOR PIN ASSIGNMENT



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		06	3 5 7 (9 11 13 15			
	4	2 (0 12 14 16			
		No.	Color	Signal Assignment	No.	Color	Signal Assignment
		1	Red	BATTERY	2	Red	BATTERY
-	POWER	3	Brown	REAR DET	4	Blue	FRONT DET
	/CAN	5	White	CAN L	6	Purple	CAN H
		7	Blue	CAN L	8	Red	CAN H
		9	Green	CAN L	10	Orange	CAN H
		11	RED	ACC POWER	12	Red	REAR POWER
		13	Red	FRONT POWER	14	Green	MODE
		15	Black	GND	16	Black	GND
					-		
2	TOUCH	1	32	Red		Y-	V
2	1000011		,	Green		Y-	V.
		3	5	Blue	VIAT	Y+	
		2	+	White	1.	X+	
r	C IR	0	2 3 6	5 6 7		K	AP
	CIR	1	2 3 4	5 6 7 Color		Signal Assi	gnment
	CIR	N	2 3 4 (5 6 7 Color Red		Signal Assi R DA	gnment TA
	RGB	N	2 3 4	5 6 7 Color Red Green		Signal Assi R DA G DA	gnment TA TA
3	RGB NAVI	1 No 2 3		5 6 7 Color Red Green Blue		Signal Assi R DA G DA B DA	gnment TA TA TA
3	RGB NAVI	1 1 2 3 4		5 6 7 Color Red Green Blue White		Signal Assi R DA G DA B DA SYN	gnment TA TA TA C
3	RGB NAVI	1 1 2 3 4 5		5 6 7 Color Red Creen Blue White Black		Signal Assi R DA G DA B DA SYN GNI	gnment TA TA TA C D
3	RGB NAVI			5 6 7 Color Red Creen Blue White Black Green I	R	Signal Assi R DA G DA B DA SYN GNI DVB-1	gnment TA TA TA C C D
3	RGB NAVI			5 6 7 Color Red Green Blue White Black Green Orange Color C	<u>A</u> R	Signal Assi R DA G DA B DA SYN GNI DVB-1 DVD	gnment TA TA TA C C D TIR IR

BUTTON CONTROL

Change Mode to Interface Screen



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BUTTON	PRESS	FUNCTION
STEERING WHEEL	Long press	OEM screen to interface screen Interface screen to the OEM screen
RIGHTSWITCH	Screen chan	ge sequence : OEM > NAVI > AV1 > AV2 > OEM

Warning

To use the steering wheel button, "Steering Wheel" must be "ON" in the OSD menu CARAPLAY

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Media

CarPlay

Controls

Apps

Climate

Nav

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PARKING CONTROL

Parking Line / OPS Display

1 Parking Line Display

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2 PDC Display

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APLAY

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PARKING CONTROL

Parking Settings

3 Horizontal / Vertical

MENU	Parking	REAR
Config	OPS Display	Off
Option	Line Display	Off
Image	Warnings Lang	English
Screen	Horizontal	50
Parking	Vertical	50

- Pressing this Horizontal / Vertical menu, The OSD screen automatically disappears.
- Please adjust from the parking line Screen.

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MENU	Move the guideline position to the left
SEL	Move the guideline position to the right
UP	Move the guideline position upwards
DOWN	Move the guideline position downward

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INSTALL MANUAL

Digital NAVI Connection (ROiK-10)

After completing the cable connection, OSD and device setting must be completed.

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Config NAVI-RGB DIGITAL Setting the Connected NAVI Model DVB-T(DMB) Default Setting the Connected DVB-T Model DVD Default Setting the Connected DVD-T Model RearCam AVM VIDEO Setting the Connected RearCam Model Reset Execute Reset to default value of Config menu	F	irst Menu	Second Menu	Third Menu	Description	V
DVB-T(DMB)Default :Setting the Connected DVB-T ModelDVDDefault :Setting the Connected DVD ModelRearCamAVM VIDEO :Setting the Connected RearCam ModelResetExecute CancelReset to default value of Config menu		Config	NAVI-RGB	DIGITAL : :	Setting the Connected NAVI Model	
DVD Default Setting the Connected DVD Model RearCam AVM VIDEO Setting the Connected RearCam Model Reset Execute Reset to default value of Config menu			DVB-T(DMB)	Default : :	Setting the Connected DVB-T Model	P
RearCam AVM VIDEO Setting the Connected RearCam Model Reset Execute Cancel Reset to default value of Config menu			DVD	Default : :	Setting the Connected DVD Model	
Reset Execute Cancel Reset to default value of Config menu			RearCam	AVM VIDEO : :	Setting the Connected RearCam Model	
			Reset	Execute Cancel	Reset to default value of Config menu	

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Option Menu

First Menu	Second Menu	Third Menu	Description
Option	NAVI COM	HMS FINE :	Set up manufacturer of woodworking device for UART Touch use
		OFF	Disable feature
		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
		GEAR	Detected by CAN
	RearCam-Det	WIRE	Detected by Rear-Det Wire
		OEM	Original Camera
	FrontCam-Type	ExtDevice	Equipped with external camera
	FrontCam-Power	ON	+ 12V continuous supply
		AUTO	+ 12V supply only in Front camera mode
		OFF	+ 12V off
nel	A N	CAN	Detected by CAN
	FrontCam-Det	WIRE	Detected by Front-Det Wire
	FrontCam-RcvOpt	ON	The time (1-30 seconds) that FrontCam is displayed before returning to the previous state in RearCam.
		OFF	Disable feature
	AV Mode	ON	Use "REAR" video input port as VIDOE input
	AVMODE	OFF	Disable feature
	Steering	ON	Switching screen by using Steering wheel button
	WheelBtn	OFF	Disable feature
		ON	DVB-T device control UI output function
		OFF	Disable feature
		ON	DVD device control UI output function
		OFF	Disable feature
		ON	When a Bluetooth phone comes in, the screen is forcibly switched
		OFF	Disable feature
	Reset	Execute	Option Menu all Reset

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Image Menu

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First Menu	Second Menu	Third Menu	Description	
Image	Brightness		Adjust the value of brightness	
	Contrast		Adjust the value of contrast	
	Saturation	- KYLNY	[AV / REAR / FRONT / DVD / DVBT MENU] Adjust the value of Saturation	
	Hue		[AV / REAR / FRONT / DVD / DVBT MENU] Adjust the value of Hue	
PLAY	Sharpness		[AV / REAR / FRONT / DVD / DVBT MENU] Adjust the value of Sharpness	
	Color-RED		[NAVI MENU ONLY] Adjust the value of RED	
	Color-GREEN		[NAVI MENU ONLY] Adjust the value of GREEN	
	Color-BLUE		[NAVI MENU ONLY] Adjust the value of BLUE	
	Reset	Execute	Image Menu all Reset	

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Screen Menu

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First Menu	Second Menu	Third Menu	Description	Ur.
Screen	Horizontal		Output screen horizontal movement	
	Vertical		Output screen vertical movement	
	Scale X Up	NIN		
	Scale X Down	RA	Reduce / increase output screen width	
	Scale Y Up		Deduce (Increase Output Screen Height	
	Scale Y Down		Reduce / increase Output screen Height	
	Reset		Screen menu all reset	PLAY
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				MKA

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First Menu	Second Menu	Third Menu	Description
Parking		ON	Show parking line
		OFF	Do not show parking lines
		ON	Show OPS
	OPS Display	OFF	Do not show OPS
	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

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OSD	Horizontal		
		value	OSD Menu Horizontal Shift
	Vertical	value	OSD menu vertical Shift
	Display Time	value	OSD Menu Display Time (in seconds)
	Transparency	value	OSD menu transparency
NIN	Language		OSD menu display language
RA	Reset	Execute	Initialize OSD settings

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IR-Ctrl Menu

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First Menu	Second Menu	Third Menu	Description	
IR-Ctrl		Sel	a alight	
	DVB-T(DMB)	Learn	CARRENT	
		Cancel		VAP
	CA CA	Sel		
	DVD	Learn	- AD	
P		Cancel	K.m.	
	In order to work with th	ne IR learning function, a se	parate IR cable is required.	
Notice	2. Select Learn from the	e OSD menu.	, , , , , , , , , , , , , , , , , , ,	
10000	3. Before using IR learn	ing function, select All-Clea	r to delete existing stored data.	
	4. Press the remote cor is the same and save it.	ntrol button to be used in ea	ach ICON once in New Code, press once again in Cfm Co	ode to confirm it
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