

Опис продукту **MEDIA HEADUNIT**

Модель **INM2004MC,**

INM2004MD

Позначка **INEOS**

东软汽车电子

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东软汽车电 MPIC

★Група інструментів і Head Unit

(Зображення використовуються лише для посилання)

Instrument Cluster and Head Unit System has main functions of instrument cluster, radio, BT music, USB audio play, BT HFT phone, CAN communication, vehicle information display, Apple CarPlay, Android Auto, radar information display, rear view camera information display, etc..

Caution:

This equipment is not suitable for use in locations where children are likely to be present.

- Instructions to ensure correct and safe installation and interconnection of the equipment.
- For equipment intended only for use in a **restricted access area**, the instructions shall so state.
- If the equipment is intended to be fastened in place, the instructions shall explain how to securely fasten the equipment.

I . Introduction of panel and steering wheel

System is connected to central control interface (CCI for short) , steering wheel controller (SWC for short) and a rotary knob, the functions are as below:

1 CCI



Number	Name	Function
1	KNOB	Rotate: move focus Move up, down, left, right: move focus Short press: select
2	OPTION	Opens Option Menu
3	MENU	Moves Focus to Side bar*1
4	BACK	Cancel movement or selection
5	FAV	Toggles between Actual screen and Favourite
6	AUDIO	When audio menu not show, switch to Audio menu When audio menu shows, switch audio source
7	OFFROAD	When Offroad menu not show, open Audio menu When Offroad menu shows, switch to offroad main menu

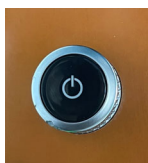
2 SWC



Number	Name	Short Press
1	OK	Accepts and cancels messages
2	Track down	Short press: Previous song or channel Long press: Scroll backward through actual song or tune backwards
3	Track up	Short press: Next song or channel Long press: Scroll forwards through actual song or tune forwards
4	Volume up	Volume up

5	Volume down	Volume down
6	Phone	Short press: Incoming call: Accept Outgoing Call: Decline Active Call: Decline No call incoming: Toggle between active and phone screen Long Press for BT phone: Incoming call: Decline Outgoing Call: Nothing Active Call: Mute/Unmute Microphone No call incoming :Recall latest active call Long Press for Apple CarPlay or Android Auto: Incoming call: decline Outgoing Call: decline Active Call: decline No call: No response
7	Voice	Short Press: <i>Not applicable or Dedicated Siri Button</i> Long Press: <i>Set accessory to be discoverable</i>

3 rotary knob

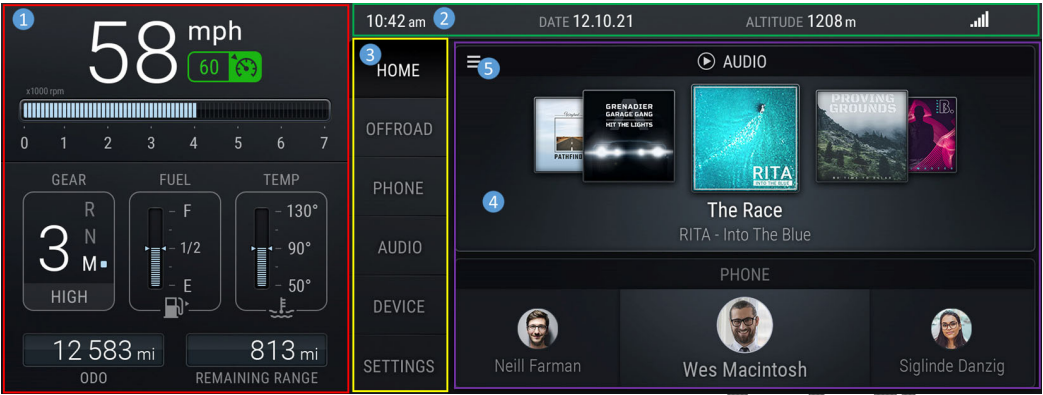


Short Press	Long Press(≥ 2)	Rotate
Power on: MUTE/UNMUTE Power off: Power on	Power on: Power off Power off: Power on	Volume up/down

II. Function Introduction

1.Screen Description

1.1 Main screen



(Image 1.1-1)

Area Number	Area description
1	IPC area
2	Info bar, display current status
3	Side bar, application entrance
4	Content area, when side bar button is pressed, content will change to correspondingly.
5	Option button. Different functional buttons for different menu

1.2 Info Bar



(Image 1.3-1)

Number	Area Name	Area description
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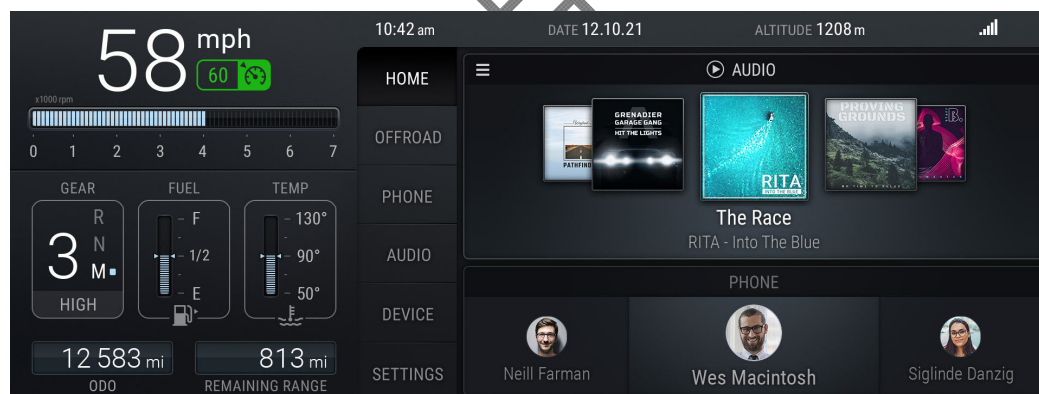
1	Info2	Display current time
2	Info3	Display outside temperature by default in Info3 area. Display Altitude by default in Info4 area.
3	Info4	Display content of Info3 and info4 can be set in Setting Info3 and Info4 area together will show media information, call information, Volume information and cabin temperature information temporarily when they change.
4	Info5	Display phone signal strength when BT phone is connected; Display No phone when BT phone is not connected; When system is mute, display  at the most right position

2.HOME

Display overview of audio and phone favorite.

Audio source can be selected in AUDIO menu.

Phone favorite can be saved and removed in PHONE MENU.



3.OFFROAD

Click OFFROAD in sidebar, OFFROAD menu will show and an overview menu show.

Click any of the cards, sub-menu of OFFROAD will show.

In different sub-menus, different vehicle data show.

In sub-menu, click OFFROAD in sidebar again, OFFROAD overview menu will show.

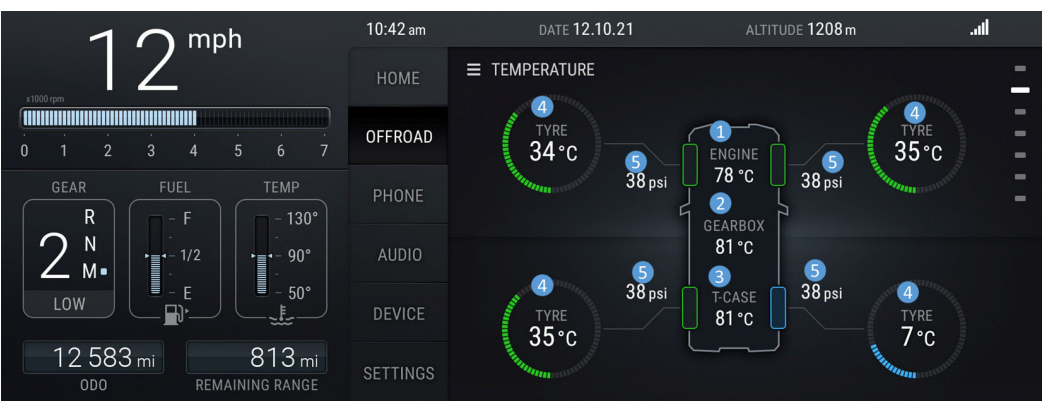


ATTITUED



Number	description
1	Wheel Angle
2 6	Horizontal Inclination
3 7	Vertical Inclination
4	Altitude
5	G-Force accelerated velocity

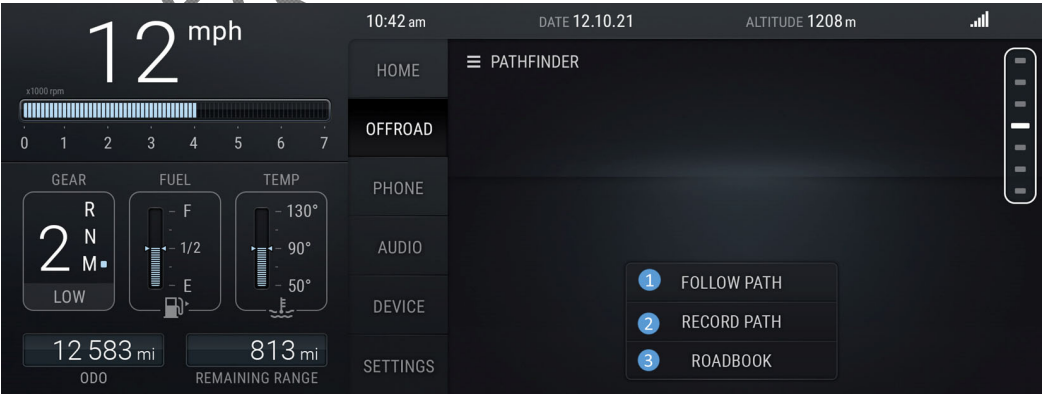
TEMPERATURE



Number	description
1	Engine Oil Temperature
2	Transfer Case Temperature
3	Transmission Temperature
4	Temperature of 4 Tyres
5	Pressure of 4 Tyres

PATHFINDER

Enter PATHFINDER for the first time, 3 sub-entrance can be selected.



Number	description
1	Entrance of FOLLOW PATH

2	Entrance of RECORD PATH
3	Entrance of ROADBOOK

FOLLOW PATH



Number	description
1	Latitude of the current position
2	Longitude of the current position
3	Altitude of the current position
4	Air Pressure of the current position
5	Available satellite amount
6	Show current driving direction or the direction of the focus waypoint and the distance from the focused waypoint
7	Button to select the next waypoint as the target waypoint
8	Button to select the Previous waypoint as the target waypoint
9	The focused waypoint number/the total waypoint amount



Number	description
1	The 15 waypoints of the path
2	Click to open option menu, choose path or set the Latitude and Longitude of target waypoint
3	The sub-menu indicator. Click other sub-menu indicator to change the sub-menu.

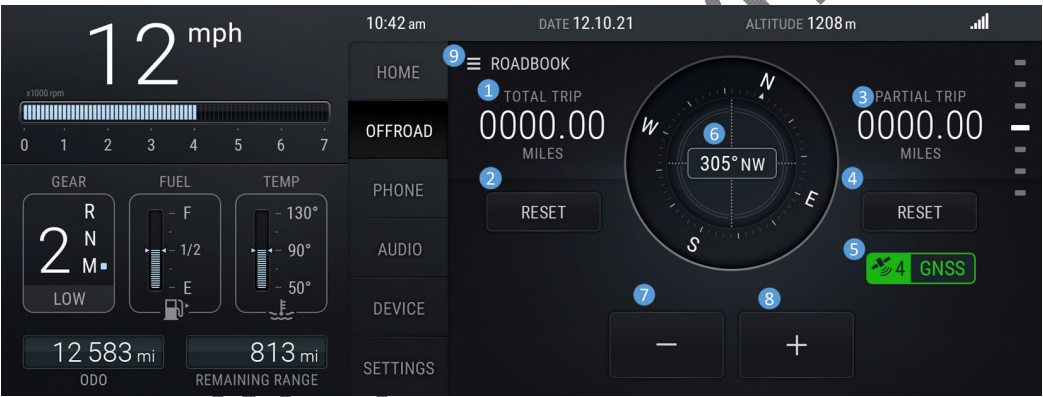
RECORD PATH



Number	description
1	Latitude of the current position
2	Longitude of the current position
3	Altitude of the current position

4	Air Pressure of the current position
5	Available satellite amount
6	the distance from the last waypoint
7	The amount of recorded waypoints
8	Button to record waypoint
9	Option button. Click to open option menu and choose to stop recording or to set automatic storage distance or store the current position as a waypoint

ROADBOOK



Number	description
1	Total trip mileage
2	Reset total trip mileage
3	Segment trip mileage
4	Reset segment trip mileage
5	Available satellite amount
6	Driving direction

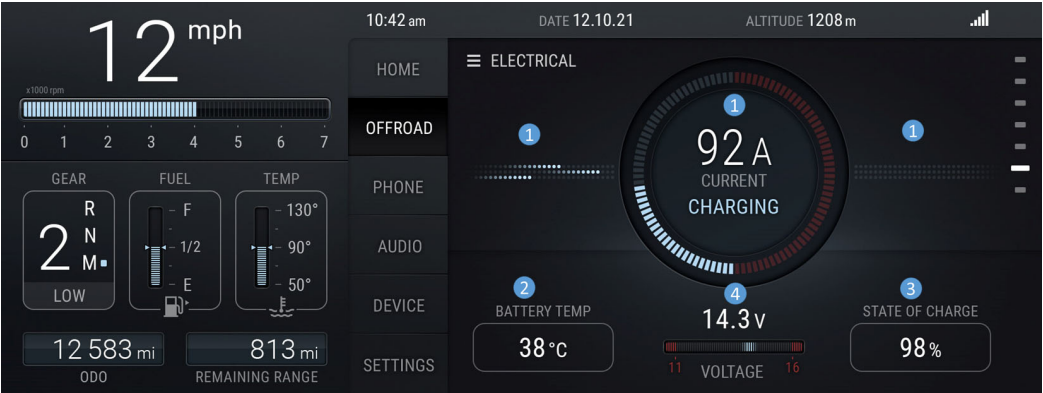
7	Minus the total trip and partial trip value
8	Plus the total trip and partial trip value
9	Option button. Click to open option menu and set distance calculate according to GNSS or tyre, or Reset trip, or set trip value, or stop Road book.

STATISTICS



Number	description
1	Latitude of the current position
2	Altitude of the current position
3	Longitude of the current position
4	Altitude as Graph
5	Travel Time from last reset
6	Travel distance from last reset
7	Average speed from last reset
8	Average fuel consumption from last reset
9	Option button. Click to open option menu and set automatic reset on off or reset manually

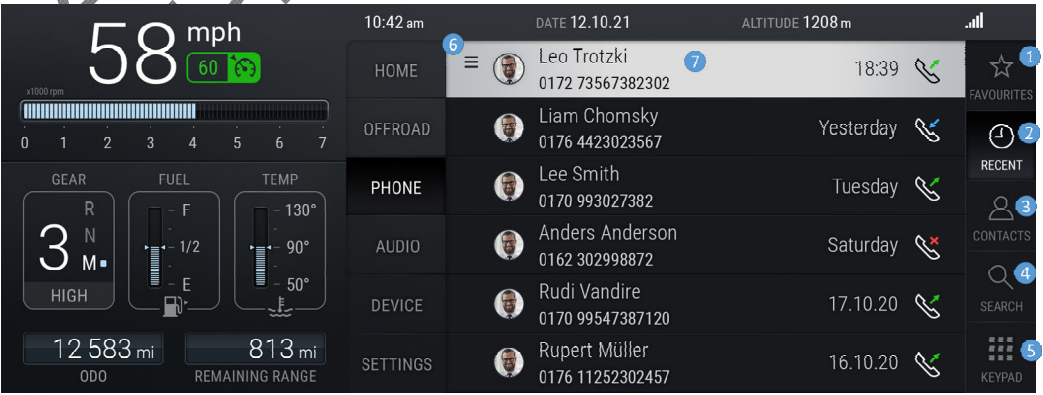
ELECTRICAL



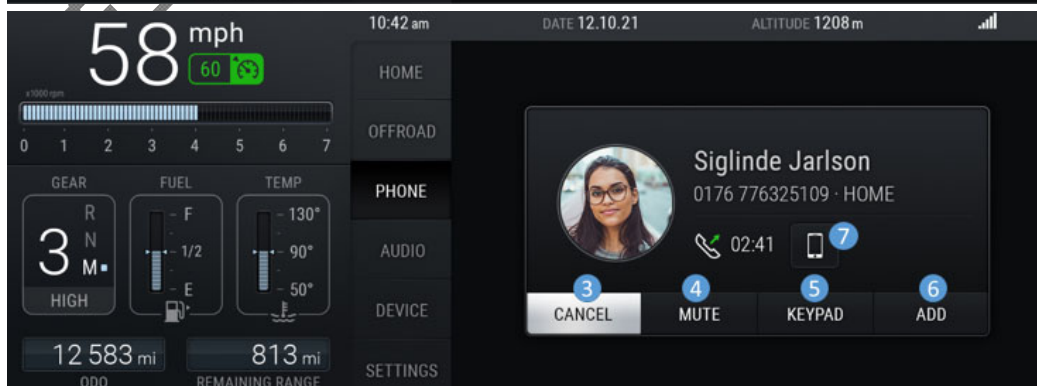
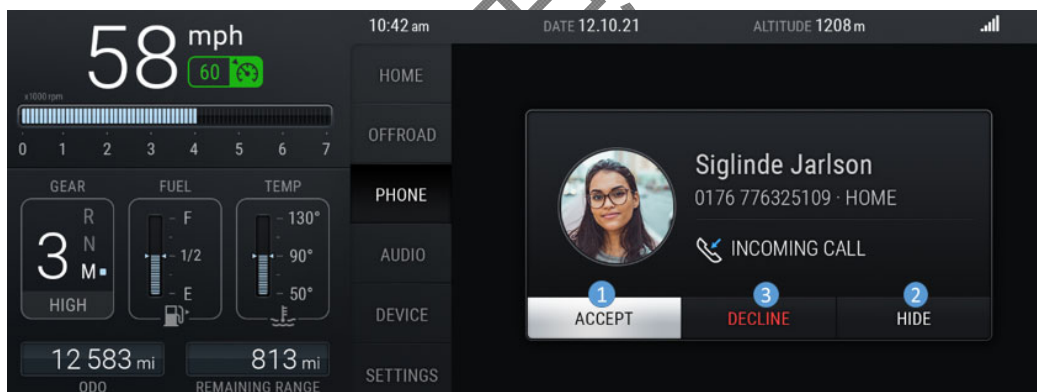
Number	description
1	Battery Current, charging or discharging
2	Battery temperature
3	Battery SOC
4	Battery Voltage

4. PHONE

Click PHONE in sidebar, PHONE menu will show.



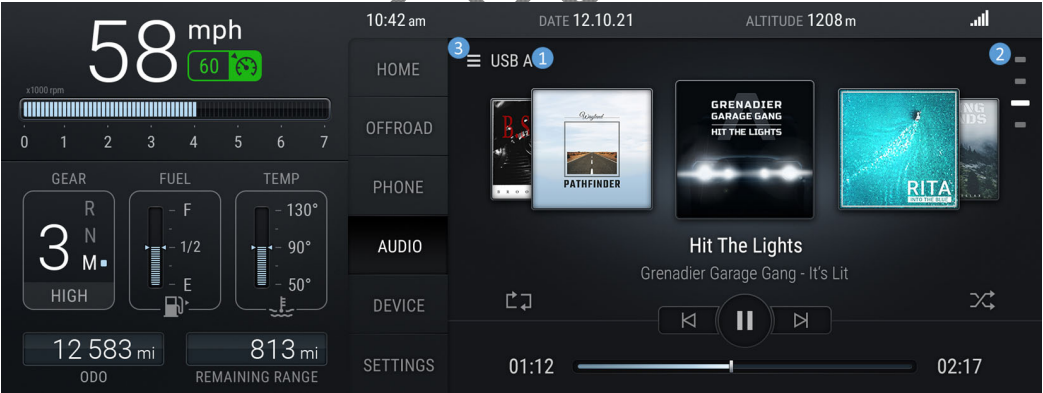
Number	description
1	Click to show favorite contacts. Favorite contact item can be added or removed via option button in option menu.
2	Click to show recent calls
3	Click to show contacts
4	Click to open keyboard to search number or name of contacts
5	Click to open keypad to input numbers to call
6	Option button. Click to open option menu to check connected BT device name or to add or to remove favorites or to set filter type of recent
7	Click any item to make a call



Number	description
1	Accept the incoming call.
2	Close the dialogue and minimize the call
3	Refuse the call or hang up the call
4	Mute mic.
5	Open the number pad to input numbers during call
6	Make another call
7	Switch between Private mode and Hands Free mode

5.AUDIO

Click AUDIO in sidebar, AUDIO menu will show.



Number	description
1	The name of the current audio source
2	Audio source indicator. Touch to change active audio source. If Apple CarPlay or Android Auto is active, the first page is Apple CarPlay or Android Auto. Other 4 sources are: FM/AM, SiriusXM or DAB, USB, Bluetooth.
3	Click to open option menu.

6. DEVICE

If Apple CarPlay or Android Auto is connected and active, click DEVICE in sidebar, Apple CarPlay or Android Auto will show.

If neither Apple CarPlay nor Android Auto is not connected, user will be guided to SETTING menu.

If both Apple CarPlay nor Android Auto are connected but not active, touch either to enter the setting menu to active that function.

7.SETTINGS

Click SETTINGS in sidebar, SETTINGS menu will show.

There are 7 submenu to provide different categories of settings.

GENERAL

GENERAL submenu provide settings for languages, Unit, Time/Date, Rotation direction of CCI, Order of Contact Name, CCI favorite, Reset General Settings, Reset All.

DISPLAY SETTINGS

GENERAL submenu provide settings for Display brightness, Configure Info Areas, Reset Display Settings.

VEHICLE FUNCTIONS

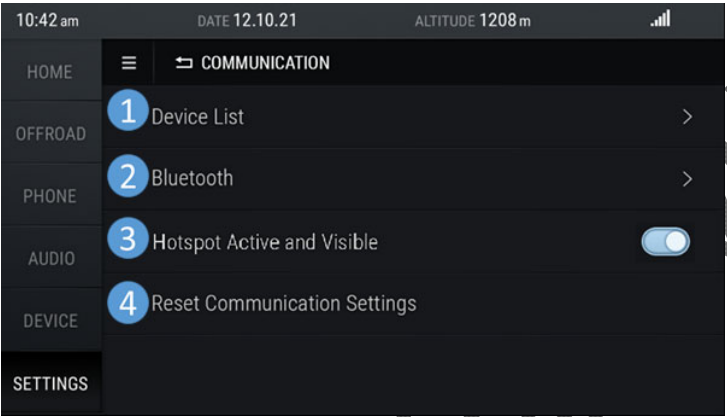
VEHICLE FUNCTIONS submenu provide settings for Instrument Illumination, Center Lock Systems, ADAS Systems, Vehicle Information, Speed Warn Sound, Passenger Airbag Off switch, Daytime Running Light switch , Trip Button, Reset Vehicle

Functions Settings.

ACOUSTIC SETTINGS

VEHICLE FUNCTIONS submenu provide settings for Equalizer, Fader/ Balance, Volume Settings, PDC Sound, Input Sound, Warning Sound, Reset Acoustic Settings.

COMMUNICATIONS

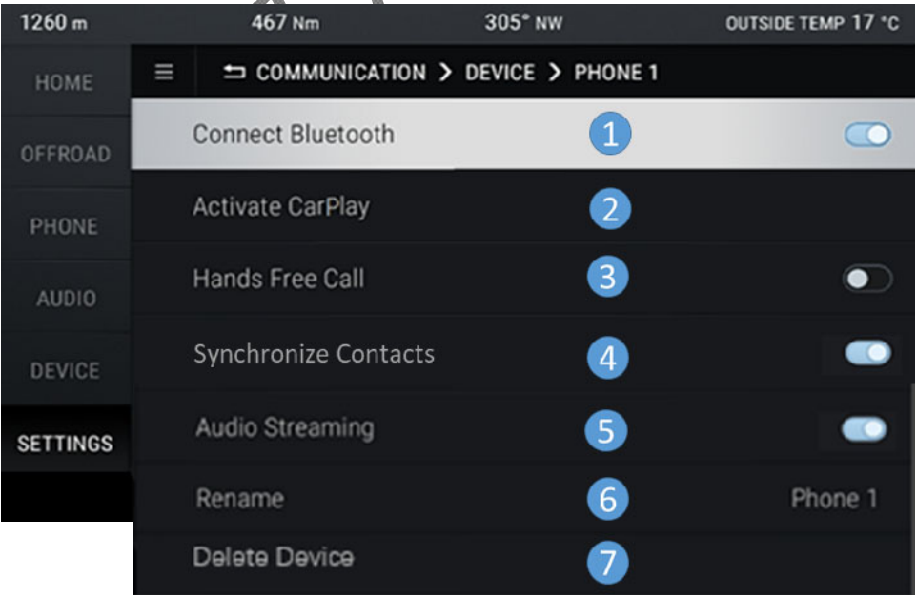


Number	description
1	Click to enter Device List.
2	Click to enter Bluetooth setting menu to switch on/off Bluetooth switch, to switch on/off Visibility of BT, to rename head unit Bluetooth Name.
3	Switch on/off WiFi Hotspot Active and Visible. This function only support to connect Wireless CarPlay and Android Auto.
4	Click to Reset Communication Settings.

DEVICE



Number	description
1	Click to connect Apple CarPlay
2	Click to connect Bluetooth
3	Click to enter device item menu
4	Click to Connect New Phone



Number	description
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1	Click to connect or disconnect the current phone
2	Click to activate CarPlay
3	Click to connect or disconnect Hands Free Call
4	Click to switch on/off Synchronize Contacts of the current phone
5	Click to connect or disconnect Audio Streaming
6	Click to rename the current phone
7	Click to Delete the current phone

Pathfinder File Transfer

Pathfinder File Transfer submenu provide settings for Pathfinder file management.

SiriusXM

SiriusXM submenu provide settings for SiriusXM.

8.RVC

RVC monitoring screen is shown as below:

The screenshot displays a vehicle's infotainment system interface. At the top, it shows speed (58 mph), time (10:42 am), date (12.10.21), and altitude (1208 m). Below this, there are gauges for RPM, gear (3), fuel level, and temperature (130°). A central display shows a rear view camera feed with yellow lane lines. Two numbered callouts are present: '1' points to an 'EXIT' button at the bottom center, and '2' points to a 'CAMERA OFF' button at the bottom right.

Number	description
1	Click to exit the RVC、PDC menu

2	Click to turn off Camera and show PDC only
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9. Regular Conformance Info.

Function	Operation Frequency Range
Bluetooth	2400 to 2483.5MHz
Wi-Fi	2400 to 2483.5MHz
	5150 to 5250 MHz
	5725 to 5875 MHz
GNSS	1559 to 1610 MHz
Broadcast	AM(According to Market) Receiver Only:
Sound	0x0=EU -- range: 531KHz~1602; step: 9KHz
Receivers	0x1=NAFTA -- range: 530KHz~1710; step: 10KHz
	0x2=ROW -- range: 531KHz~1602; step: 9KHz
	FM: 87.5 to 108 MHz (Receiver Only)
	DAB: 174MHz - 240MHz (Receiver Only)

Europe



EU Declaration of Conformity

Neusoft Group (Dalian) Co., Ltd. hereby declares that this product MEDIA HEADUNIT INM2004MC is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. This product is allowed to be used in all EU member states. www.neusoft.com



UK Declaration of Conformity

Hereby, [Neusoft Group (Dalian) Co., Ltd.] declares that the radio equipment type [MEDIA HEADUNIT INM2004MC] is in compliance with Directive 2017 (SI 2017 No. 1206, as amended by SI 2019 No. 696). The full text of the UK declaration of conformity is available at the following internet address: www.neusoft.com

Under normal use of condition, this equipment should be kept a separation distance of at least 20cm between the antenna and the body of the user.

	BE	EL	LT	PT	BG	ES	LU	RO	CZ	FR
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Neusoft Group (Dalian) Co., Ltd.

	HU	SI	DK	HR	MT	SK	DE	IT	NL	FI
	EE	CY	AT	SE	IE	LV	PL	UK		
Operations in the 5.15-5.25GHz band are restricted to indoor usage only.										

Function	Operation Frequency Range	Max Output Power
Bluetooth	2400 to 2483.5MHz	5±2
Wi-Fi	2400 to 2483.5MHz	12±2
	5150 to 5250 MHz	13±2
	5725 to 5875 MHz	13±2

FCC Statement

Model name: INM2004MC

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try

to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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Consult the dealer or an experienced radio/TV technician for help important announcement

Important Note:

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Statement

Model name: INM2004MC

- English: This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

- French: Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils

radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un

gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Radiation Exposure Statement

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations

Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radiateur et votre corps.

Caution:

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

Avertissement:

les dispositifs fonctionnant dans la bande de 5150 à 5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;