BENTLEY

IVI Head Unit, 9.7" Screen, Media Box

Bentley Infotainment System (BIS)

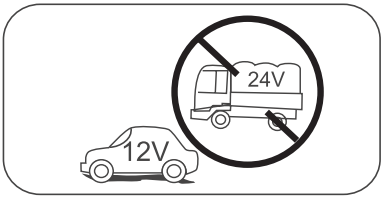
KR-BIS

INSTRUCTION MANUAL

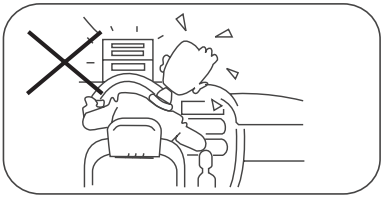
Safety Precautions

Thank you for purchasing this product. Please read through these operating instructions so you will know how to operate your model properly. Please keep this manual in a safe place for future reference.

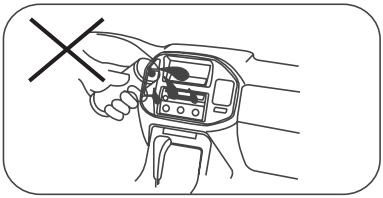
Only connect the unit to a 12-volt power supply with negative grounding.



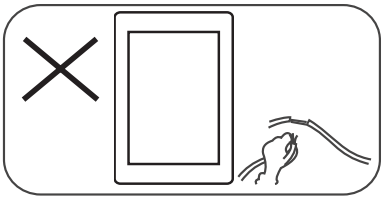
Never install this unit where operating it may impair safe driving conditions.



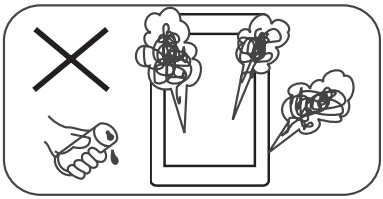
Never expose this unit, amplifier or speakers to moisture or water to prevent electric sparks or fire.



Do not change the fuse on the power cord without professional guidance. Using an improper fuse may cause damage to this unit or even cause fire.



Please contact your nearest dealer if one of the following is experienced:



(a). Water or other objects enter the unit.
(b). There is smoke.
(c). Peculiar smell.

To ensure safe driving, please adjust the volume to a safe and comfortable level in case of emergency situations.

Safety Precautions

1. Never disassemble or adjust the unit without professional guidance.
   For further details, please consult an authorised service provider or dealer.

2. If the front panel or TFT monitor is dirty, please use a clean silicone cloth and neutral detergent to clean. Using a rough cloth and non-neutral detergent such as alcohol to clean may scratch or discolour the monitor.

3. If the unit does not function normally , please refer to the troubleshooting guide of this manual. If no relevant information is found, please contact your dealer or Service Center.

4. If you have parked the car in hot or cold weather for a long time, please wait until the temperature in the car becomes normal before operating the unit.

5. Using the car heater in a low temperature environment may result in moisture collecting inside the unit. DO NOT use the unit in this condition. Eject the disc and wipe off the moisture on the disc. If the unit does not work after a few hours, please contact the service center.

6. Do not drop or bang the LCD monitor as this will damage it.

7. To prevent damage to the screen, avoid touching it with sharp objects.

8. Graphic illustrations are used to provide a clear demonstration and an easy way to understand how to operate this unit.

9. Only operate the unit as described in this manual. Inappropriate operation will void the guarantee.

Front Panel

1 **POWER button**
Switch on/off device

2 **HOME/Voice Control button**
Call up main menu
Activate voice control

3 **Airconditioner buttons**

4 **Navigation shortcut button**

5 **BACK button**
Return to previous menu

6 **Rotary-knob**

7 **Touch screen**

Power On / Off

Press the [⏻] knob on the bottom left of the unit. The unit starts and the current mode status appears in the LCD.
Press and hold the [⏻] knob to power off the unit.

Volume Adjustment

To increase or decrease the volume level, rotate the [⏻] knob on the front panel.

Mute

Press [⏻] button to mute the volume from the unit. Press again to restore the volume.
Adjusting the volume or using any of the audio setup features cancels the mute function.

Playing Source Selection

Press the [⌂] button on the front panel to enter main menu. The playing modes are displayed on the screen.

1. Enter Main Menu (in playing mode)
2. Source List
   Touch a icon to select corresponding mode.
   Flip left to show more icons.
3. Status Bar
4. Clock
5. Enter Radio Menu
6. Enter Media Menu
7. Enter Phone Menu
8. Enter Navigation Menu
9. Enter Sound Menu
10. Aircondition

Troubleshooting

What appears to be trouble is not always serious. Please check the following points before calling a service center.

Problem	Cause	Corrective action
Unit can not power on	Unit fuse blown.	Install new fuse with correct rating.
	Car battery fuse blown.	Install new fuse with correct rating.
	Illegal operation	Reset the unit.
No/low audio output	Improper audio output connection.	Check wiring and correct.
	Volume set too low.	Increase volume level.
	Speakers damaged.	Replace speakers.
	Heavily biased volume balance.	Adjust the channel balance to center position.
	Speaker wiring is in contact with metal part of car.	Insulate all speaker wiring connections.
Poor sound quality or distortion	Speaker power rating does not match unit.	Replace speakers.
	Wrong connections.	Check wiring and correct.
	Speaker is shorted.	Check wiring and correct.
Unit resets itself when engine is off	Incorrect connection between ACC and BATT.	Check wiring and correct.

Specification

Reference Supply Voltage ..... 12V(DC)
Operating Voltage Range ..... 9 - 16V(DC)
Max Operating Current 15A
Screen Size .....9.7 inch

Operating Temperature.....-20°C ~ +60°C
Storing Temperature ..... -30°C ~ +80°C
Operating Humidity ..... 45%~80%RH
Storing Humidity..... 30%~90%RH

Function	Operation Frequency Range
Bluetooth	2402 to 2480MHz
Wi-Fi	
	5150 to 5250 MHz
	5725 to 5825 MHz
GNSS	1559 to 1610 MHz
Broadcast Sound Receivers	AM(According to Market) Receiver Only:
	0x0=EU -- range: 531KHz~1602; step: 9KHz
	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)

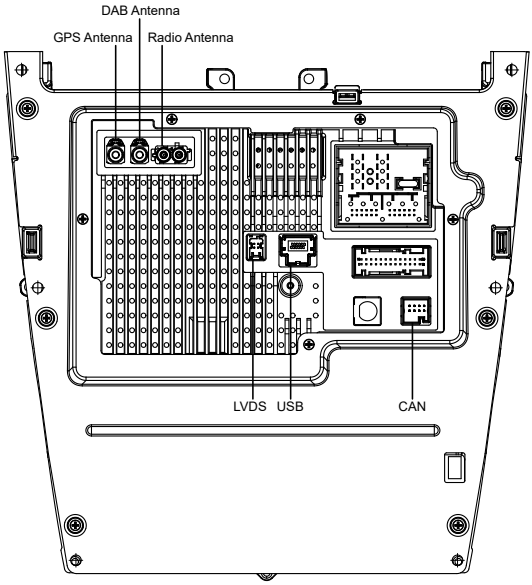
Under normal use of condition, this equipment should be kept a separation distance of at least 20cm between the antenna and the body of the user.

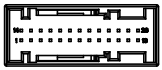
	BE	EL	LT	PT	BG	ES	LU	RO	CZ	FR
	HU	SI	DK	HR	MT	SK	DE	IT	NL	FI
	EE	CY	AT	SE	IE	LV	PL	UK		
Operations in the 5.15-5.25GHz band are restricted to vehicle usage only.										

Function	Operation Frequency Range	Max Output Power
Bluetooth BR/EDR	2400 to 2483.5MHz	7.5±2
Bluetooth BLE	2400 to 2483.5MHz	7±2
Wi-Fi	5150 to 5250 MHz	15±2
	5725 to 5850 MHz	12±2

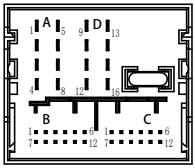
The frequency band 5725-5850MHz is not used in Japan

Wire Connections





No.	Functions
1	NC
2	NC
3	NC
4	Video in RGBS GND
5	NC
6	NC
7	NC
8	NC
9	Video in RGBS GND
10	NC
11	Video in shield GND
12	Video in Sync
13	Video in green
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	Video in RGBS GND
25	Video in blue
26	Video in red



No.	Functions	No.	Functions
A1	Audio RR+	C1	MIC in -
A2	Audio RF+	C2	NC
A3	Audio LF+	C3	NC
A4	Audio LR+	C4	NC
A5	Audio RR-	C5	NC
A6	Audio RF-	C6	NC
A7	Audio LF-	C7	MIC in +
A8	Audio LR-	C8	NC
B1	NC	C9	NC
B2	NC	C10	NC
B3	NC	C11	NC
B4	NC	C12	NC
B5	NC	D9	I CAN +
B6	NC	D10	i CAN -
B7	NC	D11	NC
B8	NC	D12	KL 31 GND
B9	NC	D13	NC
B10	NC	D14	NC
B11	NC	D15	KL 30 PWR
B12	NC	D16	KL 30 ACC

FCC STATEMENT

1. 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.
2. any 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.
- Consult the dealer or an experienced radio/TV technician for help.

FCC 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.

CE

EU Declaration of Conformity
http://www.kraemer-automotive.com/. hereby declares that this product Bentley Infotainment System(BIS) KR-BIS 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.

ISED Statement

IC: 20577-KRBIS

Model name: KR-BIS

- 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 présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareildoit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.

This radio transmitter has been approved by Industry Canada to operate with theantenna 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 thisdevice.

Le présentémetteur radio aétéapprouvé par Industrie Canada pour fonctionner avecles types d'antenneénumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclusdanscetteliste, etdont le gain estsupérieur au gain maximal indiqué, sontstrictementinterdits 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.

Déclarationd'exposition aux radiations

Cetéquipementestconforme Canada limitesd'exposition aux radiations dans un environnement non contrôlé. Cetéquipementdoitêtreinstallé 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 vehicle use to reduce the potential for harmful interference to co-channel mobile satellite systems;

Avertissement:

les dispositifsfonctionnantdans la bande de 5150 à 5250MHz sontréservésuniquement pour uneutilisation à l'intérieurafin de réduire les risques de brouillagepréjudiciable aux systèmes de satellites mobiles utilisant les mêmescanaux;

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