

Manual

Basic Information

Product(device) Description: BYD In-vehicle Multimedia Host

Model No: MTCJ06-A03

Manufacturer: BYD Auto Industry Company Limited

The device is an In-vehicle Multimedia Host, which is used for In-vehicle infotainment

Main User Interface

The main UI that is automatically entered after powering on.

Included modules:

1. Status bar: displays host time, music playing, weather, Bluetooth/WLAN/hotspot and other connection status, Environmental PM2.5 status, host's use of cameras/microphones, etc.
2. Convenience bar: Slide down the main interface to enter the convenience bar, which is used to quickly control some functions, such as volume adjustment, section, brightness adjustment, SOC setting adjustment and quick control of the entire vehicle to achieve specific functions.
3. Desktop cards: Commonly used function cards corresponding to functions, which can quickly perform Bluetooth, music, map and other applications.
4. Navigation bar: Enter the task center (application background interface), air conditioning adjustment, seat adjustment, enter the application, Use center, navigation bar, desktop widgets, etc.

Air conditioning function

Air conditioning, green purifier, and fragrance related adjustments and settings can be performed.

Application Center

The application center interface provides an application list, recently used applications, and supports voice opening of applications: Application

The list interface includes: intelligent voice assistant, application market, user manual, practical tools, etc.

Note: When a multimedia failure occurs, the failure information can be uploaded through the [Utility Tools-Fault Upload] function.

Bluetooth call

Mobile phone Bluetooth calling function, contact address book synchronization/display/query, phone dialing/answering, historical calls View records/missed call records.

Music streaming

Online Music: Play online music over the Internet

FM Radio: Listen to FM radio programs

Bluetooth music: Bluetooth music connection and playback

Online video-streaming

Online video is an in-vehicle version of the video application customized by DiLink cockpit based on the mainstream online video APP; it can realize the exclusive functional experience of the online video in-vehicle version industry (including ad-free viewing, visible voice operations, and intelligent playback continuation) Reminders, multi-screen broadcast and other customized functions).

Map navigation

The map supports: positioning, search, route planning, navigation, handcart interconnection, team formation and other functions.

The interactive controls of the overall map interface are mainly designed on the left half of the screen, which is more suitable for driving scenarios; you can quickly and easily find nearby charging stations, parking lots and other points of interest.

Vehicle settings

It mainly includes: search, DiLink, DiPilot, new energy, vehicle settings, vehicle health and other functional modules.

DiLink settings: including software version check and update, system language, audio, Bluetooth WiFi settings and other options item.

DiPilot settings: Contains driving assistance related setting options, such as: intelligent piloting, emergency lane departure Distance assist, blind spot monitoring, door opening warning, reversing radar. New energy: including energy management and charging and discharge and energy consumption data.

Vehicle settings: Contains control options for chassis, lights, air conditioning, seats, doors, windows and locks. Due to differences in vehicle configuration, specific options are subject to actual vehicle configuration.

Vehicle health: includes intelligent maintenance, inspection, and vehicle information

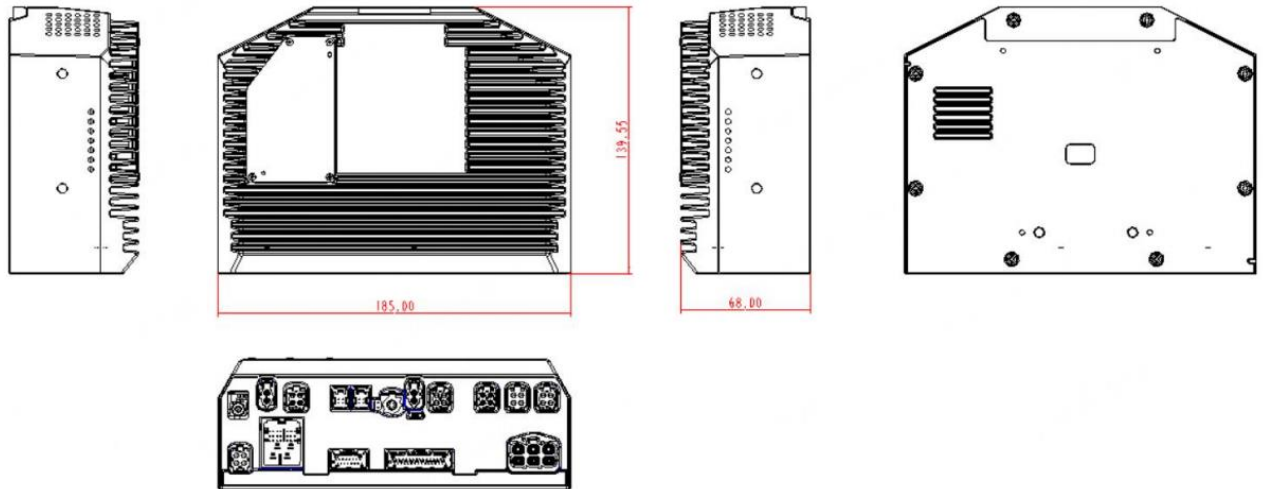
Notice:

- Do not use a high-power inverter in the vehicle, as this may cause infotainment system malfunction.
- Do not format or root the device without authorization, as this may cause infotainment system or vehicle malfunction.
- please use the infotainment system according to user's manual.
- It is recommended to contact a BYD authorized dealer or service provider in the event of a failure.

In order to avoid any injury or property damage of the user or other persons, please be sure to read in details and abide the following notice item.

- read the Manual take good care of the Manual for future use.
- to comply with all the warning and notice of this manual.
- to comply with all operating instructions.
- regarding the power supply, please refer what the manual stated .
- the installation and wiring distribution of this product needs specialized skills and experience . To ensure safety, commissioned by professional technicians for installation and wiring.
- there is no any parts attached with the products for user to repair and replace, please ask the professional technician with qualification of maintenance to repair and replace.
- Do not plug any ventilation cooling vents, the local shell holes and other openings are for ventilation of heat. In order to ensure machine works stable and reliable, long service life, not to plug the hole cooling, ventilation environment must be maintained to avoid overheating the machine caused by smoking, Fire other danger.
- heat source should be avoided and products will be not installed on local exposure to direct sunlight, high temperature area to be away from heat sources, such as heating, heaters, heat or have other things

Multimedia host assembly structural dimensions



Electrical parameters

No	Spec	Spec
1	Norminal voltage	12VDC
2	Working voltage	9-16VDC
3	Operating temperature	-30°C~70°C
4	Working humidity	40%~93%
5	Atmospheric pressure	50Kpa~106Kpa

Technical specification

1 Bluetooth

Version: 5.2

Mode: BR/EDR/BLE

Declared RF Output power: 10dBm

2 Wi-Fi

Radio Frequency (EU): 2.412-2.472GHz, 5180 MHz to 5240 MHz

5260 MHz to 5320 MHz

5500 MHz to 5720 MHz

5745 MHz to 5825 MHz

Radio Frequency (FCC): 2.412-2.462GHz, 5.18-5.32GHz, 5.5-5.72GHz, 5.745-5.825GHz;

2.4GHz Wi-Fi: 802.11b,802.11g,802.11n,802.11ax;

5GHz Wi-Fi: 802.11a,802.11n,802.11ac,802.11ax;

TPC: Not Supported

DFS: slave without radar detection

MIMO: Not Supported

Declared RF Output power (EU)

2.4GHz Wi-Fi

802.11b:14dBm,802.11g:14dBm,802.11n:14dBm,11ax(HE20):12dBm

5GHzWi-Fi

802.11a:14dBm

802.11n(HT20):14dBm

802.11n(HT40):13dBm

802.11ac(VHT20):12dBm

802.11ac(VHT40):12dBm, 802.11ax(EHT80):10dBm

802.11ax(HE20):12dBm

802.11ax(HE40):10dBm

802.11ax(HE80):10dBm

3 GPS

GNSS : BDS,GALILEO,GLONASS,GPS

GNSS radio frequency

BDS: B1I,1561.098MHZ±2.046MHZ

Galileo:E1, 1575.42MHZ±1.023MHZ

GLONASS: G1, 1602.5625MHZ±4MHZ

GPS:L1 C/A, 1575.42MHZ±1.023MHZ

4 Others: AM/FM

EU



Your vehicle has different types of radio equipment. The manufacturers of the radio equipment declare the RF Modules listed above have been evaluated against the essential requirements and other relevant provisions of Directive 2014/53/EU. The full text of the Declaration of Conformity can be found at the following Internet address: <https://cn-prod.byd.com/eu/eu-doc>

The devices listed above comply with Part 15 of the FCC rules and Industry Canada's license-exempt RSS Standard(s).

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 Tesla could void your authority to operate the equipment.

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.

Radiation Exposure Statement

The products comply with the FCC/ISED RF Exposure for Low Power Consumer Wireless Power Transfer. RF exposure limits are set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The farthest RF exposure demonstrated by compliance was at 20cm and farther from the user's body set the device to low output power if such function is available.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé.

Déclaration d'exposition aux radiations

Le produit est conforme à l'exposition RF ISED pour le transfert de puissance sans fil de consommateurs de faible puissance. La limite d'exposition RF fixée pour un environnement non contrôlé est sans danger pour le fonctionnement prévu tel que décrit dans ce manuel. L'exposition RF supplémentaire que la conformité a été démontrée à 20cm et plus de séparation du corps de l'utilisateur ou de mettre l'appareil à la puissance de sortie inférieure si une telle fonction est disponible.

Radio Frequency Information

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, 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 to help.

CAUTION: This equipment and its antennas must not be co-located or operated with another antenna or transmitter.