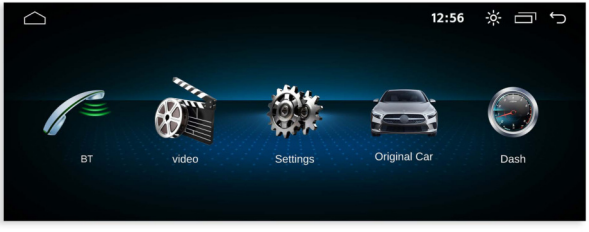
MEKEDE®

Professional.Creative.reliable

MN-LX

INSTRUCTIONS FOR USE



Linux System

Large central control screen

Warm tips

For your safety, please do not watch videos or operate machines while driving; When driving, please adjust the volume to the level that you can hear the outside sound clearly. Before starting the operation, please read this manual and other manuals of the operating system in detail, understand this manual and relevant safety tips and warning slogans on the machine, and put them in the accessible place for reference at any time after reading.

1. Pay attention to traffic safety first.

2. If you encounter difficulties in operating the system, please park your car in a safe place before operating.

3. Do not allow children to operate the machine, so as to avoid personal injury and machine damage.

4. Please follow the traffic rules when using the satellite navigation function.

5. Please do not use electronic equipment or open fire prohibited places, such as gas stations, wineries, electromagnetic strong interference areas, otherwise it may cause danger.

6. Do not maintain, maintain or install the machine by yourself. Do not install or repair the machine with power on. It is very dangerous to install or repair the machine by persons who are not trained or inexperienced in the installation of electronic equipment or vehicle accessories

7. Do not install the machine or stored in direct sunlight place, don't put it in other hazardous substances in the environment, especially the LCD screen, if the installation of

the LCD screen is in the air conditioning ventilation near, please keep cool and hot air blows directly to the machine, otherwise it may damage the machine, and even harm the car and personal.

8. Do not scratch the display screen with sharp objects, and do not press the display screen vigorously with hard objects, otherwise it will cause damage to the display screen or touch screen.

9. In order to ensure the normal operation of the

Tips and Warnings

To highlight some important information in the user manual,

You should pay special attention when you see this tag , ⚠ which represents some important warnings and prompts.

Note: Due to continuous improvement of product functions, this manual is for reference only.

Matters needing attention

Safety note

Please read all instructions carefully before installation, and it is recommended that the machine be installed by a car audio professional.

⚠ This machine is suitable for car 12V power system (must have a grounding wire), please do not install this equipment on the 24V car, otherwise it will damage the machine.

⚠ Do not replace the power fuse without professional guidance. Improper use of the fuse will cause damage to the machine or cause fire.

🚫 In order to avoid violating traffic rules, drivers are not allowed to watch the program and operate the unit while driving, so as to avoid unnecessary traffic accidents.

🚫 For the sake of safety and ensure the normal use of the product, please hand over to the professional installation of the product, do not disassemble and repair the machine, so as not to cause damage to the machine or accident, details, please consult with the local professional car audio sales shop.

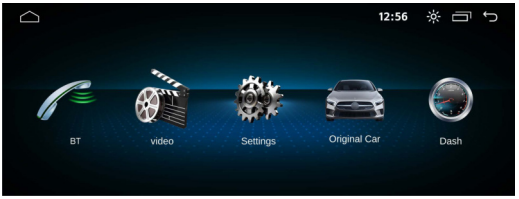
🚫 Please avoid placing the product in wet environment or water to avoid electric shock caused by short circuit or other unwanted damage or fire.

Note: To prevent short circuit, please turn off the car and disconnect the connection between ACC and B+ before installation.

Functional operation

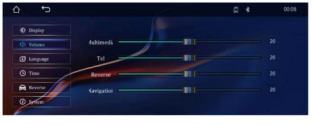
1、The main menu

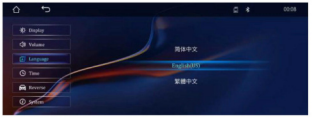
When the machine is turned on each time, the original car interface will be displayed. Long press the original car MENU key to switch to the navigation interface. First display the main menu, touch 🏠 to return to the main interface, touch to ↩ return to the upper menu, as shown below.



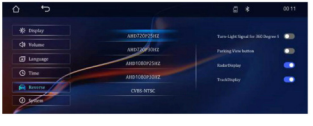
2、System Settings

Click "Settings" on the main menu interface to enter the system Settings interface, which includes language, audio, system and system information functions. Click "Settings" on the screen to enter the secondary menu interface of navigation Settings, and so on, as shown below:











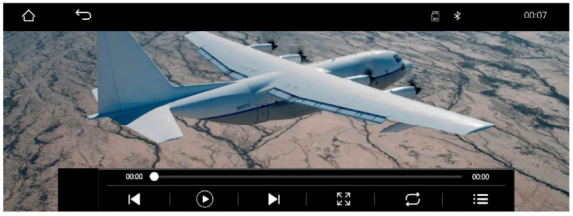
3、Bluetooth

Click "Bluetooth" on the main interface of the system to enter the Bluetooth application interface. When Bluetooth is paired with the mobile phone, all ICONS in the interface will be lit up and ICONS will appear at the top of the interface.



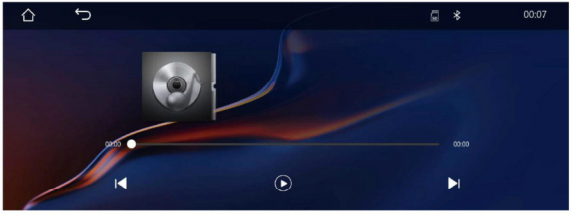
4、Film

Click "Movie" on the main interface to enter the video playing interface, which can play the audio and video files of the system or multimedia files in the external SD card or USB. Support AVI, MP4, RMVB and other formats; Double-click the screen to display the full-screen state, under the full-screen click any touch area, directly return to the operation interface.



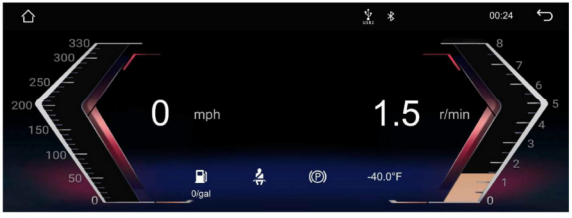
5、The music

Click Music on the home screen to play the audio and video files of the system. The audio and video files in USB can be MP3, WAV, and MID formats.

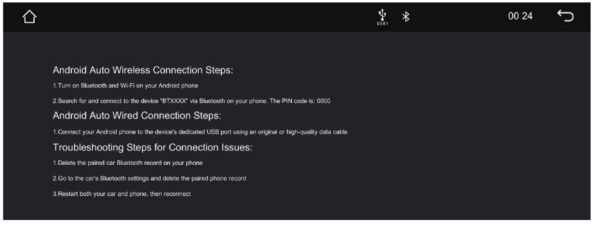


6、The Instrument

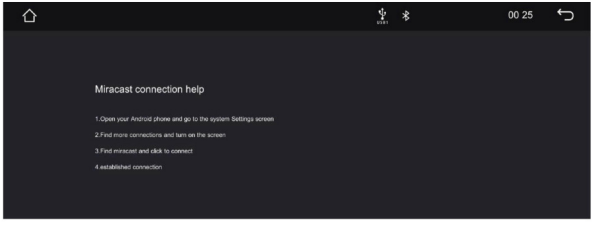
Click on the instrument icon on the main interface.



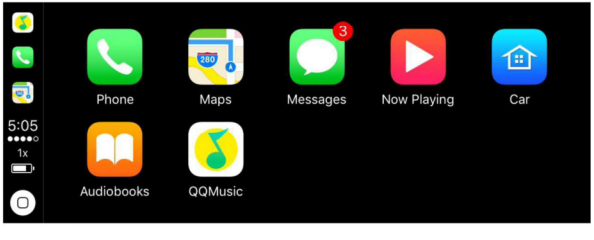
7、Airplay



8、Miracast



9、Carplay function

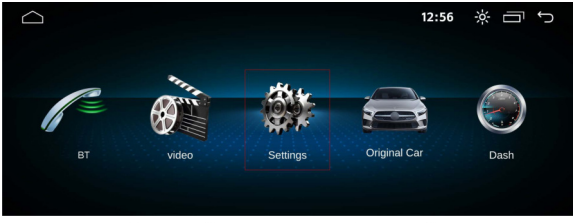


11、Function parameters

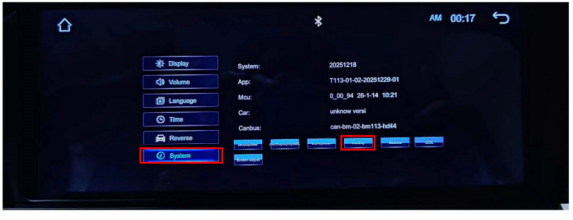
specifications
Working voltage: Dc 12V
Operating voltage range: 9V~16V
Maximum working current: 3A
Video part
Standard: NTSC, PAL (automatic recognition)
Input: 1VP-P(75 ohm)
Display section
Screen size: 8.8 "/10.25'/12.3'
Resolution:1280*480P/1920*720/2400*900
The environment
Operating temperature:-20°C~+70°C
Storage temperature:-30°C~+85°C
Working humidity: 45%-80%
Storage humidity: 30%-90%

Solutions to Commd on Problems

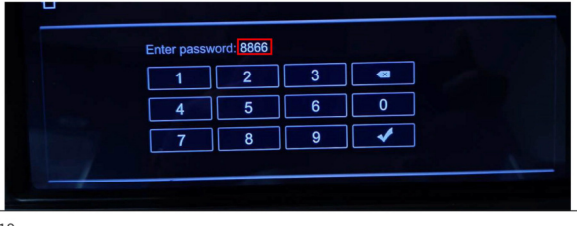
1、If you encounter any of the following issues duringinitial setup or while using the produ ct, don’ t worry—the “Settings” page will help you resolve most of them.



2、After clicking “System,” click the “Factory” page again.



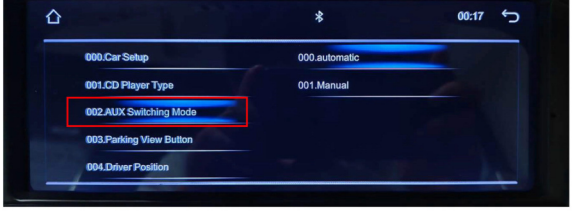
3、Enter the password “8866” to access the series of images shown below: Find the question that m atches your



4、Question 1: If the system does not function properly after installation—for example,if you cannot switch to the factory system interface or if there are display issues—click “Car Setup” and select the option that matches your vehicle model



5、If you encounter a situation where the vehicle’s audio does not play while using this device, it may be due to a failed automatic AUX connecti on. In this case, you can switch to manual mode, then access the vehicle’s NBT system, open “Settings,” tap “Multimedia,” and manually co nnect the “AUX” output device.



6、Adjust the driver's interaction mode.



7、If you own an E60 series vehicle and find that the knob below the center console does not control the navigation system or radio, you can select “B” or ‘C’ instead of the default “A” (as shown in the figure) to restore normal functionality



8、Set the system shutdown time.



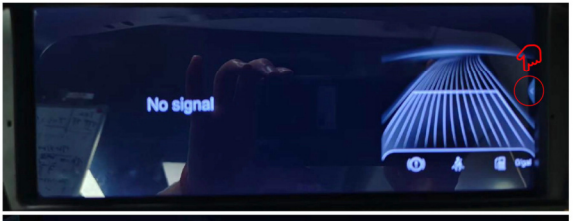
9、Set the temperature unit of measurement.

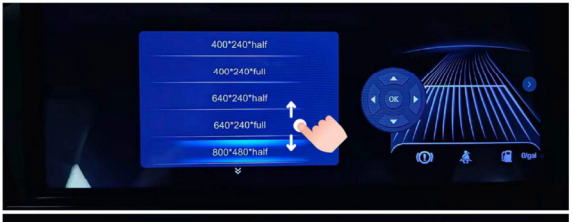


10、If, during use, your vehicle’s AUX output is not working or the sound quality is poor, follow the steps shown in the figure: First, switch the output mode on the navigation screen to “Phone,” then reconnect to CarPlay; Next, con nect your phone via Bluetooth to the vehicle’s built-in sys tem. Once connected, go to the “Multimedia” menu in the vehicle’s system, locate “External Audio Device,” and switch the setting from “AUX” to “Bluetooth.” This will enable theaudio-video separation feature, restoring normal audio functionality and improving sound quality.



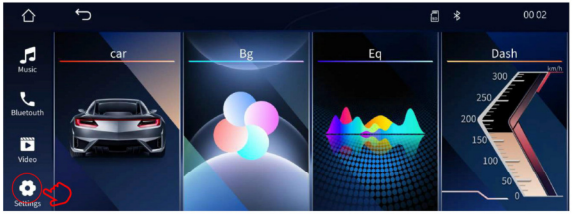
11、After the initial installation, you must first verify that the screen resolution settings are correct; otherwise, you may encounter issues such as a distorted screen, a black screen, or incorrect aspect ratios. First, confirm that the vehicle's original system supports the desired screen resolution , and select the appropriate resolution based on the supported parameters. If you are unsure of the screen resolutions supported by the vehicle's original system, you can experiment with different settings until the screen displays normally. You can choose between half-screen or full-screen display based on your personal preference, as long as the screen displays correctly.





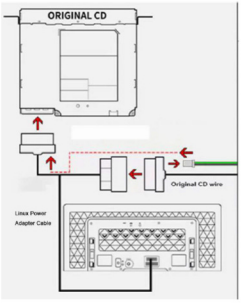


12、If, after installation, you encounter issues such as a blurry, flickering, distorted, or black rearview display that prevents normal operation, you need to select the correct display resolution supported by your vehicle’s original or aftermarket 1080p or lower rearview camera. Tap “Settings” in Figure 1, then tap “Rearview” in Figure 2 to select the correct resolution for your rearview camera. If your camera has a low resolution, selecting a resolution higher than what it supports will prevent proper display. If your camera has a high resolution, selecting a resolution equal to or lower than what it supports will ensure proper display.





If the power cable for your vehicle's factory CD player in cludes an optical fiber cable as shown in the figure, follow these steps:



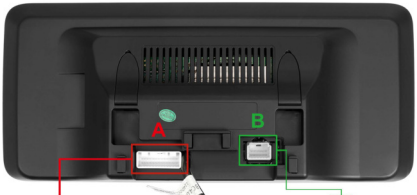
Remove the green fiber-optic cable with a two-pin connect or from the original CD playe r’ s power cord and insert it in to the port on the vehicle CD player end of the Linux powe r adapter, as shown in the fig ure on the right. Be sure to in sert it correctly to ensure a se cure connection.



Connect the original vehicle optical fiber cable to the wiring harness of this product

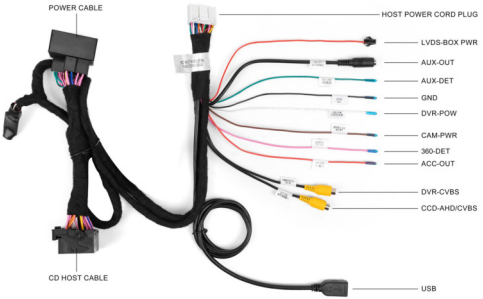


NTG 4.0

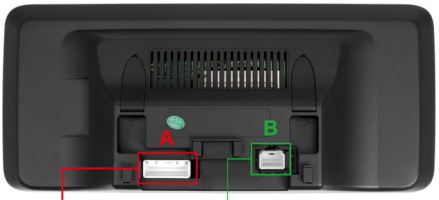


Main Power Cord

BC113-Multifunction Adapter Cable



NTG 4.5





Main Power Cord

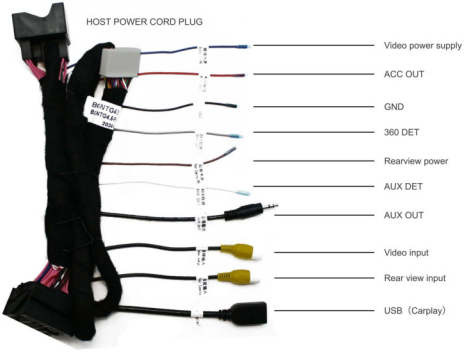


BC113-Multifunction Adapter Cable



AMI

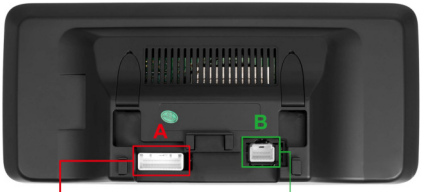
POWER CABLE



CD HOST CABLE

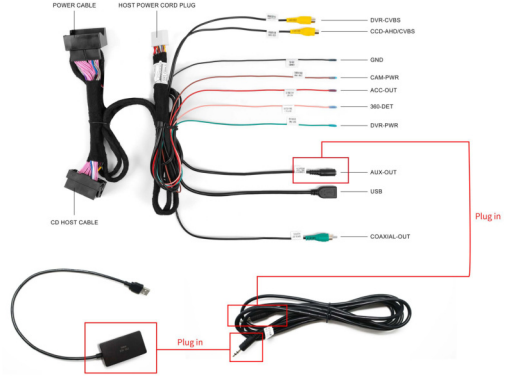
Wiring connections (vehicle series 3)

NTG 5.0



Main Power Cord

BC113-Multifunction Adapter Cable



Frequently Asked Questions

1. Problem: no response to key operation (protocol failure), abnormal display, flower screen Reason: model setting is not correct Solution: enter the factory Settings to set the good model
2. Problem: No Bluetooth function Reason: There is no Bluetooth pairing and connection with mobile phone Solution: Enter the Bluetooth Settings and check the machine name and password
3. There is no video display on the dashcam Reason: The type of dashcam is not chosen correctly Solution: In system Settings - factory Settings -ARM related Settings - dashcam Settings -
4. There is no display when reversing Reason: Wrong choice of reversing camera Solution: Enter the Settings inside the reversing Settings, choose the original car or rear mounted camera

About Us

Shenzhen Mekede Technology Co., Ltd. is a high-tech enterprise specializing in the manufacture of in-car multimedia systems, including car GPS and car monitors. Proud of our strong manufacturing capabilities and competitive prices, we are confident in delivering advanced products that meet international standards.

We uphold "Honesty, High Quality, and Technological Innovation" as our corporate culture, and we adhere to this philosophy in our operations and new product development. Backed by a strong R&D team, we are committed to continuously upgrading our products in line with the latest technological advancements and current market trends.

Since 2009, nearly 80% of our products have been exported to over 20 countries and regions, including Japan, the United States, Thailand, Russia, Singapore, Malaysia, as well as Europe and the Middle East. Thanks to our high-quality products and satisfactory after-sales service, we have earned an excellent reputation among our clients and gained numerous loyal OEM partners.

While giving back to society, we will continue to invest in R&D to launch new products and expand our market share. Guided by our unique corporate philosophy, Shenzhen Mekede Technology Co., Ltd. welcomes all sincere trade inquiries and invites international enterprises interested in distributing our products to join our growing international distribution network.

Shenzhen Mekede Technology Co., Ltd. – your one-stop solution for in-car audio and video needs.