BLAUPUNKT

MULTIMEDIA NAGIVATION
CHICAGO 600

Enjoy it.

Operating and installation instruction

Press [(⏻)] button to turn on the unit.

1. ⏏ **Eject disc** (when disc inserted)

2. **[(⏻)] Button**
    Short press: Switch on device
    In operation: Mute audio source
    Long press: Switch off device

3. [⌂] **Button**
    Short press: Call up main menu
    In the main menu: Call up menu of active source.
    Long press: Call up Bluetooth® function directly

4. **Volume +/—**
    Increase / Decrease the volume

5. **Microphone**

6. **Disc Slot**
    Insert the disc with label side facing up.

7. **microSD card reader**
    The card reader supports microSD cards on which either audio/video files or navigation data can be stored.
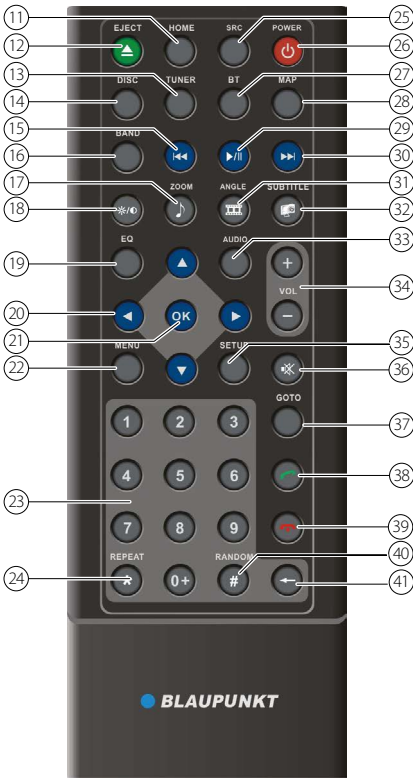
8. **USB Connector**
    Connect a USB device for playback of music/video files.

9   **Reset**
    Load factory settings

10. **AV IN**

11. Return to the home menu
12. Eject the disc
13. Access to tuner source
14. Access to disc source
15. - Search an available radio station by
        decreasing tuning frequency
    - Select the previous chapter/track for playback
16. Select radio band
17. - Zoom in (Picture menu of CD/USB/SD)
    - Access to music list (Audio menu of music
        playing)
18. Adjust screen settings
19. Open EQ menu
20. Menu cursor
21. Enter
22. - Open route menu (DVD)
    - Turns on/off PBC (VCD)
23. Digit area
24. Repeat playback
25. Change to next source
26. Power on/off
27. Access to Bluetooth source
28. Access to navigation source
29. Pause playback/Start playback
30. - Search an available radio station by
        increasing tuning frequency
    - Select the next chapter/track for playback
31. - Playback disc in different angle for a
        scene (DVD)
    - Rotate (photo playing)
    - Access to video list
32. - Language selection for subtitle (DVD)
    - Access to photo list
33. Change the sound channel for disc playback
34. Increase/Decrease volume
35. Access to settings source
36. Mute On/Off Audio Output
37. Activate direct access mode
38. Dial/Receive a call
39. Hang up
40. Play all chapter/tracks in random order
41. - Press to clear the number one by one
    - Hold to clear all the numbers

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Placing the device in operation

Caution!
Transport securing screws
Ensure that the transport securing screws at the top side of the device are removed before the startup of the device.

## Turn on/off the power

☛ Press and release [(¹)] button to turn the unit on.

☛ Press and hold the [(¹)] button to turn the unit off.

  Note:
 The unit will power on in the same state it was in when powered off.

Mute

☛ Press the [(¹)] button to mute the sound.

  Note:
  • Pressing the [(¹)] button again or adjusting volume will unmute.

Adjust the Volume

Press the [+] or [–] button to increase or decrease the volume level.
The adjustable range of volume is 0 to 50.

Playing Source Selection

☛ Press the **[🏠]** button on the panel to show main source menu.

☛ Touch desired icon on the the screen to enter corresponding working mode, such as Disc, Navi, Radio, etc.
  Drag left/right to scroll.

Note:
• When some devices are not ready, they cannot be selected.
• You should stop switching when the playing source you desired has been selected and wait for some seconds, the unit will auto enter the playing source mode you have selected.

Main Menu

In the main menu, you press the buttons on the touch-screen to call up the different sources and operating modes.

☛ Press the **[🏠]** button to enter main source menu.

1. Enter setting mode.
2. Function icons
3. Clock
4. Touch to access Equalizer level settings menu.

Setting the reception area

This car sound system is designed for operation in different regions with different frequency ranges and station technologies. The factory default of the reception area is "ASIA (FM/AM)". If you operate the car sound system outside of Asia, you may first have to set a suitable reception area in the menu:

☛ In the main menu, press the [🖼] button. The Settings menu is displayed.

☛ In the bottom area of the Settings menu, press the [General] button.
  The current setting is displayed behind "Radio region".

☛ Tap twice (double-click) on the [Radio region] button to display the list of available reception areas.

☛ Select the desired reception area by double-clicking. The list is hidden, the selected reception area is set.

☛ Press the [🏠] button. The main menu is displayed again.

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Radio mode

Start radio mode

☛ In the main menu, press the [Radio] button.
The radio playback menu is displayed.

1. Return to home menu
2. Current radio band
3. Current preset radio station
4. Current frequency
5. Clock
6. Broadcaster information stored at the preset
7. Band switch
8. Tune backward
   Auto tune backward. (long press)
9. Search stations automatically
10. Tune forward
    Auto tune forward. (long press)
11. Touch to view more on-screen buttons
12. LO/DX Seeking

13. Touch for quick access to Equalizer level settings
14. Enter frequency directly
15. Storing stations automatically

Select One Radio Band

Touch the [🔊] icon on the user interface to select one radio band among FM1, FM2, FM3, AM1 and AM2.

Tune

Auto Tuning

☛ Hold [◄◄] / [►►] icon on the user interface more than 2 second to seek a higher / lower station.

To stop searching, repeat the operation above or press other buttons having radio functions.

Note:
When a station is received, searching stops and the station is played.

Manual Tuning
Method 1:
During manual tuning, the frequency will be changed in steps.

☛ Touch the [◄◄] / [►►] icon on the user interface to tune in a higher / lower station.

Method 2:
☛ Press the [••••] button to display additional operating options.
☛ Press the [⠿] button.
A numeric keypad is displayed for the frequency input.

☛ Enter the frequency of the desired station with the numeric keypad.
☛ Press the [OK] button.
The radio playback menu is displayed, the station of the frequency entered is played back.

Storing stations manually
☞ Select the desired memory bank with the [🕭] button.
☞ Set the desired station.
☞ Press one of the memory buttons [P1] - [P6] for approx. 2 seconds to store the current station at the button. The station is stored.

Storing stations automatically (Travelstore)
With Travelstore, you can automatically search for and store the 6 FM stations off ering the strongest reception in the region in the current memory bank. Any previously stored stations in this memory bank are deleted in the process.
☞ Select a memory bank.
☞ Press the [....] button to display additional operating options.
☞ Press the [TS] button.
The tuner starts the automatic station seek tuning. After the storing is completed, the radio plays the station at memory location 1 of the previously selected memory bank.

Scanning stations
You can use the scan function to play all the receivable stations of the current waveband for a few seconds.
☞ Press the [🔎] button.The seek tuning searches for stations in the current waveband. Each receivable station is played for a few seconds in the process.
☞ Pressing the [🔎] button again selects the currently scanned station and plays it back.

Adjusting the seek tuning sensitivity
The seek tuning sensitivity decides whether the automatic station seek tuning fi nds only strong stations or also weaker stations that may be noisy.
☞ Press the [LO] or [DX] button to adjust the sensitiv-ity of station seek tuning.
If LO is displayed, only stations with a strong signal are found during seek tuning.
If DX is displayed, stations with a strong and weak signal are found during seek tuning.

Insert a Disc
Insert a disc into the slot, and the unit will change to disc mode automatically.

Notes:
• Please confirm whether there is a disc in the unit before you insert another one.
• The unit will exit current playing source and enter DVD mode when one disc is inserted.
• The following disc formats are supported: CD-R, CD-RW, DVD-R, DVD+R, DVD-RW, DVD + RW .

Eject the Disc
☞ Press [⏏] on the panel to eject the disc.

Notes:
• After ejecting the disc, the unit reverts to another source automatically.
• If the disc is not removed from the unit within 10 seconds, the disc will be reloaded to prevent accidental damage.

Connect a USB Device
☞ Open the USB door.
☞ Insert the USB device into the USB slot. Play starts automatically.

Remove a USB Device
☞ Select another source in the main menu.
☞ Remove the USB device.

Insert/Remove a SD Card
• Insert
☞ Insert the SD card into the SD card slot, the unit will read the files automatically.

• Remove
☞ Select another source in the main menu.
☞ Press the card until you hear a click sound.
☞ Remove the SD card.

Touch Screen Controls
The touch areas for video/picture playback are outlined below:
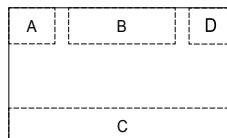
A: Return to the main menu
B: Play the video and display playback

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information
C: Display onscreen control menu
D: Time display

DVD movie playback

The car sound system can play video DVDs and VCDs. After inserting the DVD, the playback starts automatically. The DVD menu is displayed.

☛ Touch the touchscreen once to display the playback menu again.
The playback menu is shown.

1. Return to home menu
2. Pause playback, call up DVD menu.
3. Select previous chapter.
4. Interrupt playback and continue playback.
5. Select next chapter.
6. Call up keypad for direct selection of titles, chapters.
7. Show additional operating options.

☛ Tap on [••••] to display additional operating options of the playback menu.

8. Display equalizer.
9. Define range for repeat function.
10. Select playback language
11. Show subtitles
12. Repeat play
13. Adjust image.

Audio playback from DVD/CD, USB or microSDHC

The principles of audio playback (MP3/WMA) from data carriers are identical for all sources.

☛ Select the desired source via the main menu. The device changes to the desired source and the playback starts.

If the playback does not start with the audio playback,

☛ Press the [▤] button to change to the folder/ file list.

☛ Press the [◓] button to display all the folders and files of the data carrier.
- Or -

☛ Press the [♫] button to display all the audio files of the data carrier.
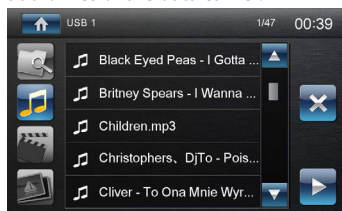
[▲] Scroll through the list page by page.
[▼] Scroll through the list page by page.
[▶] Open selected folder or start titles.
- Or -
Briefly tap twice (double-click) on the name of the folder/track. The folder is opened/the track is started.
[✖] Exit the folder/file list.
After starting a title, the playback menu is displayed.

1. Return to home menu
2. Display the folder/file list.
3. Short press: Title selection.
Long press: Fast searching.
4. Interrupt playback and continue playback.
5. Short press: Title selection.

Long press: Fast searching.
6. Show additional operating options.

7. Display keypad to directly enter the number of the desired title.
8. Start and end REPEAT function.
   The REPEAT mode changes each time the [ ] button is pressed.

Display	REPEAT mode
⮌①	Repeat current track
⮌▪	Repeat current folder
⮌Ⓐ	Repeat all tracks of data carrier

9. Start MIX random track play and end it again.
   If the MIX function is switched on, the ⤢ symbol is displayed in white.
   The MIX mode depends on the selected REPEAT function.

REPEAT mode display	MIX mode
⮌①	No random track play
⮌▪	Mixing tracks of the current folder
⮌Ⓐ	Mixing tracks of the data carrier

10. Display equalizer.

Video playback from USB or microSDHC

☛ Select the desired source via the main menu. The device changes to the desired source and the playback starts.

If the playback does not start with the video playback,

☛ Press the [ ] button to change to the folder/ file list.
☛ Press the [ ] button to display all the folders and files of the data carrier.
   - Or -
☛ Press the [ ] button to display all the

video files of the data carrier.

If you selected a movie, the playback is started. During the movie playback, the playback menu is hidden.

☛ Briefly touch the touchscreen once to display the playback menu again.
   The playback menu is shown.

1. Return to home menu.
2. Display the folder/file list.
3. Select previous movie.
4. Interrupt playback and continue playback.
5. Select next movie.
6. Call up keypad for direct selection of movie.
7. Show additional operating options.

☛ Tap on [••••] to display additional operating options of the playback menu.

8. Display equalizer.
9. Repeat play
10. Adjust image.
11. Select audio mode.
12. Select subtitles language.

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Image playback

☛ Select the desired source via the main menu. The device changes to the desired source and the playback starts.

If the playback does not start with the image playback,

☛ Press the [▤] button to change to the folder/file list.

☛ Press the [🔍] button to display all the folders and files of the data carrier.
    - Or -

☛ Press the [🖼] button to display all the images of the data carrier.

Bluetooth mode

You can make or receive phone calls with Bluetooth-enabled phones through the unit. You can also listen to music from a Bluetooth-enabled device.

Pair the Bluetooth-enabled Devices

To connect your Bluetooth device to the unit, you need to pair the device to the unit. Pairing needs only to be done once. You can pair up to five devices. You also can search for Bluetooth devices by mobile phone.

☛ Turn on the Bluetooth function on the device.

☛ Touch [📲] to search for Bluetooth device with the device.

☛ Select the Bluetooth device ID in the pairing list.

☛ Touch [Connect].

☛ Enter default password "1234".

Notes:

• The operational range between this unit and a Bluetooth device is approximately 5 meters .

• Before you connect a Bluetooth device to this unit, familiarize yourself with the Bluetooth capabilities of the device.

• Compatibility with all Bluetooth devices is not guaranteed.

• Any obstacle between this unit and a Bluetooth device can reduce the operational range.

• Keep this unit away from any other electronic device that may cause interference.

Disconnect Bluetooth Device

To disconnect one device, touch [⬛▬⬛].

Notes:

• The device will also be disconnected when the device is moved beyond the operational range.

• If you want to reconnect the device to the unit, place it within the operational range.

• If you do not want to reconnect the device to the unit automatically, touch [⚙], then set [Auto Connect] to [Off].
  For details, see the "Adjust Bluetooth Settings" section.

Make a Call

☞ Select Bluetooth function in the home menu.

☞ Pair the phone with the unit.

☞ Search for phone number from the following list:

  [👤]: Phone Book
  [📋]: Call Log
  [📞]: [Missed calls]
  [📞]: [Received calls]
  [📞]: [Dialed calls]

Or touch the number pad directly.

Answer an Incoming Call

By default, all incoming calls are received automaticaly.

1. If there is an incoming call, "Incoming" will appear on the screen.

2. You may touch the screen to select [Hang up] or [Answer].
   Speak into the Bluetooth microphone.

• [🎤]: Touch to mute the microphone audio from the unit.
  Touch the icon again to restore the microphone audio from the unit.

• [➡🖥]: Touch to transfer a call back to the mobile phone.

• [▦]: Touch to access the direct dial screen.

Adjust Bluetooth Settings

☞ In Bluetooth menu,touch [⚙].
   The option menu is displayed.

☞ Touch on the selected option to change the setting.

• [Bluetooth]: To turn on or off "Bluetooth" function.

• [Auto Connect]: If "Auto Connect" is activated, the device automatically connects with known Bluetooth devices as soon as they are in range.

• [Auto Answer]: If "Auto Answer" is activated, incom-ing phone calls are automatically answered.

• [Microphone]: Select the microphone to be used for the hands-free system via Bluetooth®.

· [Pair Password]: Many Bluetooth® devices request the pairing code before establishing the connection. You can define it here.

· [Phone Book sync]: To be able to access the phone book of a connected telephone, you must first synchronise it via this menu entry. Phonebook sync may take several minutes to load on initial setup.
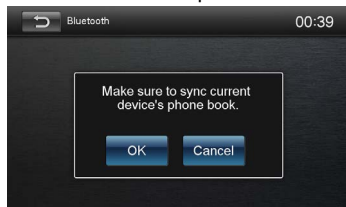
Music Mode
A2DP

A2DP is short for Advanced Audio Distribution Profile. The mobile phones supporting this function can transmit stereo audio, whereas the ones not supporting this function can transmit mono audio only.

AVRCP

AVRCP is short for Audio/Video Remote Control Profile. The mobile phones supporting this function can control the playback of a Bluetooth audio player.

To make a call in music playing mode, press the number keys on the mobile phone and the music player will stop. "Calling" will be displayed on the TFT and once the call is received the caller audio will be transferred to the unit. When the call ends, the screen will display the music playing menu.

If there is an incoming phone call, the music player will stop and the screen will display "Incoming Call". When the call ends, the screen display the music playing menu.

Overview of PhoneLink

The system of the car device is WinCE version, which supports the connection between the car device and Smart phone.

And you can also control your phone by the car device, such as receiving calls, dialing calls, listening to the music and watching movies or pictures from your phone.

Note:

You can't control your iPhone by the unit. (iPhone mirrors display on screen)

Connect with Android phone

☛ Select "PhoneLink" in the main menu and select "Android" on the screen.

☛ Start Android phone **[USB debugging]**.
The operations of Android phone's entering [Setting] are as follows (since the Android phone versions are not the same, it roughly has two conditions):

1) Existence of [Developer options]: Click [Additional settings]-Click [Developer options]-click to open [Start developer options]-click to open [USB debugging]-determine to allow.

2) Inexistence of [Developer options]: Click system version number (interior version number) for 8 times, then back to setting and click [Developer options]-click to open "Start developer options"-click to open [USB debugging]-determine to allow.

☛ Bluetooth connection.
Scan for Bluetooth devices and select this system for connection.

☛ Correctly connect USB wire.

☛ Finish connection.

(If it is not connected successfully, please replace USB cable or vehicle USB interface, or re-insert USB wire or restart Android phone and re-try).

☛ After connection, operate according to the screen software.

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Tip:
• For your driving safety, please do not use the function during driving.
• For normal use, **Android 4.0 to Android 6.0 version** is recommended. Since Android 2.3X and below version system lacks relevant support, when using the version system to connect the product, some functions (such as: mobile video play, etc.) may not display normally.
• According to the different mobile phone" Media library" and "Video" program support formats, it is not all the video files copied to mobile phone can be identified and played. According to the different equipment function, not all video files of all formats can be played in vehicle terminal smoothly.
• Since the mobile phone data cable performance difference in the market, it is strongly recommended using the **original USB data** line to connect so as to guarantee the connection stability.
• Due to the difference of mobile phone performance, when using different mobile phones to connect, the performance may be different.

Connect with iPhone
☛ Select "PhoneLink" in the main menu and select "iPhone" on the screen.
☛ Open the Personal Hotspot on the settings menu of your iPhone.
☛ Connect your iPhone to the USB port of the unit.
☛ Open the control center of your iPhone and touch **[AirPlay]**.
☛ Select **[EC-Mirror]**, and turn on the **"Mirroring"** function.
☛ After connecting successfully, the desktop of you iPhone will display on the screen of the unit.
(If it is not connected successfully, please restart the WiFi of your iPhone, and refresh the hotspot list on the unit.

Note:
This machine supports the versions of iPhone operation system are between iOS8.0 to iOS10. Videos on web pages will not be shown with operation system version below iOS9. At any time, you and your partners' voices will not come into this machine when you are making phone calls. The native video App on iOS8.0 and below iPhones will not be supported.

Sound settings

Equalizer
You can adjust the equalizer for all sources.
☛ In the main menu, press the [▦] button.
☛ Select EQ mode
   Touch the desired EQ selection: [Optimal] / [Classic] / [Rock] / [Jazz] / [Techno] / [Pop], and the EQ mode will change.

Adjust FAD BAL
You can adjust the volume distribution in the vehicle for all sources.
☛ In the main menu, press the [▦] button.
   - Or -
   On the control bar of the current audio source, press the [▦] button.
   The equalizer menu is displayed.
☛ Press the [⛶] button.
   The menu for fader and balance is displayed.

☛ Adjust fader and balance with [▲] / [▼] or [◀] / [▶].
☛ Next, press [↩].
   The setting is stored, the current source is displayed again.

Navigation Operations
To navigate by the unit, simply select the desired navigation application on the main menu. Then navigate by the touch screen.

AUX Operations
Select [[AV-IN1]/[AV-IN2] on the main menu to visit auxiliary device.

Basic Settings

In the settings menu, you can adjust the basic settings for the different functions of the device to your requirements.

☛ In the main menu, press the [Settings] button.

The settings menu is displayed, the General submenu is activated.

☛ Call up the submenus with the buttons in the lower area of the settings menu.

General

The following setting are possible:

Radio region - Select the reception region for the radio reception.

FM HICUT - Activating/deactivating the Hicut fi lter to improve playback in case of poor radio reception.

Blackout - Choose screen blackout off, 10s or 20s.

Dimmer mode - Touch the [Dimmer mode], there 4 mode to select: Night/Dark/Normal/Bright.

OFF timer - Setting the switch-off time. To protect the vehicle battery, the device is automatically switched off after the set time period if the vehicle ignition is switched off.

Beep - Switch confirmation beep on/off.

Key color - select the backlight color of the keys.

SWC - The buttons of a connected steering wheel con-trol can be configured here.

Software version - Display of the current software ver-sion.

Load factory settings - Resets all personalised settings.

Video

The following settings are possible:

Set password - Define a password if you want to use the parental controls.

Rating level - The rating of DVDs can be defi ned here. If set to "Adult", all movies can be played back. If a password was configured, the rating level can be changed only with the password.

Video out - Switch video out on/off

Aspect ratio - Full/Normal mode

Sound

The following settings are possible:

Subwoofer - Switch subwoofer on/off

Subwoofer filter - Make the setting according to the subwoofer used (settings: 80/120/160 Hz).

Dynamic sound - Switch dynamic bass on/off.

Time

The following settings are possible:

Date - Set the date.

Clock mode - Selection between 12 and 24-h mode.

Time - Set the time.

Auto clock - Switch automatic clock setting on or off with the time data transmitted via RDS.

Language

The following settings are possible:

OSD - Language for the user interface of the device.

DVD audio - The audio playback of DVDs is started in the language defi ned here.DVD subtitle - The subtitles of DVDs are shown in the language defi ned here.

DVD menu - The DVD menu is displayed in the language defi ned here.

Bluetooth

The following settings are possible:

Bluetooth - Bluetooth® can be switched on or off .

Auto connect - If "Auto Connect" is activated, the device automatically connects with known Bluetooth® devices as soon as they are in range.

Auto answer - Phone calls from connected telephones are automatically answered if this option is enabled.

Pairing code - Many Bluetooth® devices request the pairing code before establishing the connection. You can define it here.

Microphone - Select the microphone to be used for the hands-free system via Bluetooth®.

Volume

You can adjust the volume ratio for all audio sources in the volume menu.

Notes of connection

● This unit is designed to be used in a vehicle with a 12-volt battery and negative grounding. Before installing this unit to a recreational vehicle, a bus, or a truck, make sure the battery voltage is appropriate for this unit to be used, otherwise, install a transformer by professional to convert the output voltage to 12V.

● To avoid short circuit in the electrical system, ensure that the negative battery cable is disconnected before installation.

● To prevent short circuit in the wiring and damaging to this unit, secure all wirings with cable clamp or adhesive tape. Route the wirings in a secured, out of heating place without touching any moving parts such as gear shift, handbrake, and seat rails to prevent the wiring insulation being melted / wore off.

● Never pass the yellow power cord through the installation hole into the engine compartment and connect to the car battery. Otherwise, a high possibility of serious short circuit to the electrical system may be occurred.

● Replacing a new fuse with 15A rating when the old one is broken, using no fuse or fuse with improper rating may cause damage to this unit or even fires. If a proper fuse is installed and electrical problems still occur, please contact with any professional car shops for inquiry.

● Do not connect other equipments with the car battery to avoid battery overheating.

● Please make sure all the wiring connections & the cables of the speakers are well-insulated. Otherwise, this unit may be damaged by short circuit.

● If there is no ACC available, Please connect ACC lead to the power supply with a switch.

● If an external power amplifier is connected, please don't connect P.CONT lead to the power lead of the external power amplifier, otherwise, electric spark or other damage may be resulted.
● Never ground the speaker output to prevent the damage to the built-in power amplifier.

● The minimum rating of the speakers connected to this unit is 30W with 4 to 8Ω impedance.
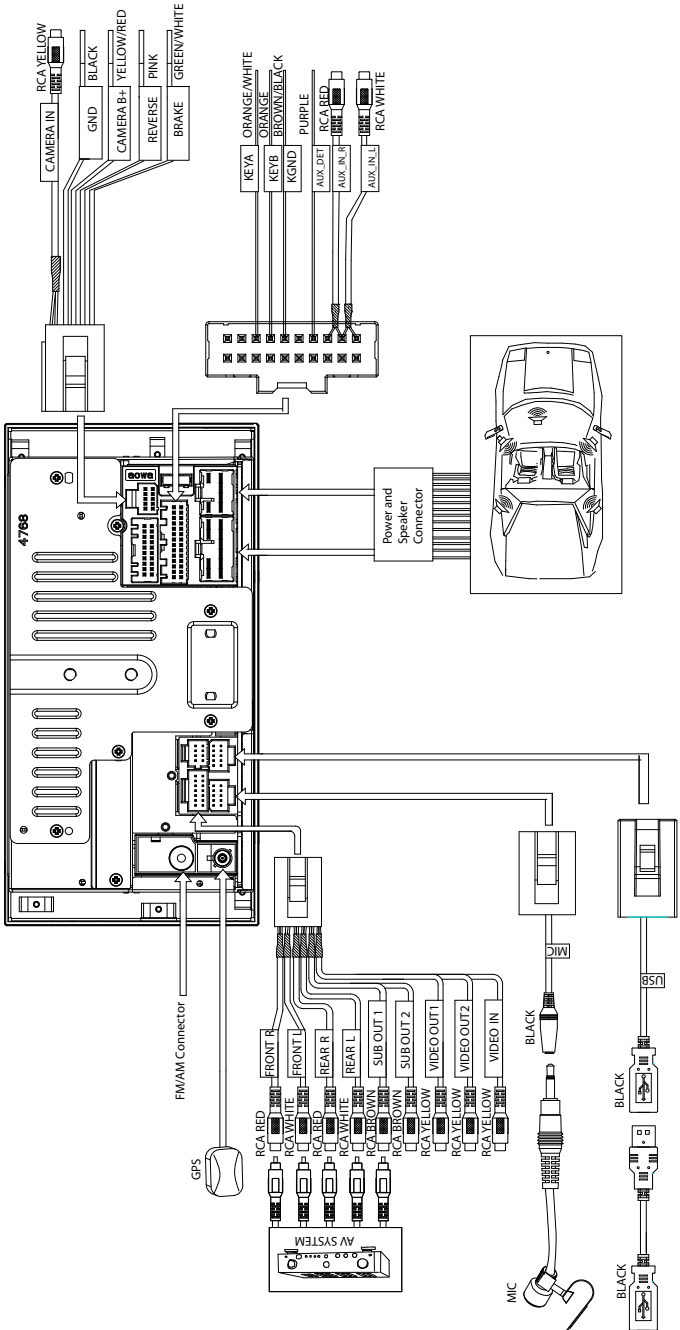
What appears to be a problem is not always serious. Please check the following points before calling a service center.

Problem	Cause	Corrective action
General		
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	Pirated disc is in use.	Use original disc.
	Speaker power rating does not match unit.	Replace speakers.
	Wrong connections.	Check wiring and correct.
	Speaker is shorted.	Check wiring and correct.
Tel-Mute malfunction	MUTE wire is grounded.	Check the 'MUTE' wiring and correct.
Unit resets itself when engine is off	Incorrect connection between ACC and BATT.	Check wiring and correct.
TFT monitor		
Warning information is shown at all times	Parking break wiring is not correct.	Check wiring and correct.
Flashing image or interference appears on screen	The color system of DVD disc does not match the monitor.	Adjust the color system of the DVD disc playing back or the monitor in use.
	Pirated disc is in use.	Use original disc.
	Video cable damaged.	Replace cables.
	Improper video signal connections.	Check wiring and correct.
Disc playback		
Cannot insert disc	A disc is already inside the unit.	Eject current disc and insert new one.
Disc does not play back	Disc is warped or scratched.	Use disc in good condition.
	Disc is dirty or wet.	Clean disc with soft cloth.
	Incompatible disc is used.	Use compatible disc.
	Disc is inserted upside down.	Insert disc with label side up.
	Disc region code is not compatible with unit.	Use disc with proper region code.
PBC cannot be used during VCD playback	PBC is not available on the disc.	Use disc with PBC available.
Repeat or search function is invalid during VCD playback	PBC is on.	Turn PBC off.
Error messages		
No disc	Disc is dirty.	Clean disc with soft cloth.
	Disc is upside down.	Insert disc with label side up.
	No disc inside.	Insert disc.
Bad disc	Disc is dirty.	Clean disc with soft cloth.
	Disc is upside down.	Insert disc with label side up.
Unknown disc	Disc format is not compatible with this unit.	Use disc with compatible format.
Region Error	DVD region code is not compatible with this unit.	Use disc with compatible region code.

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• **Video**

File Format	Video Codec	Supported Profile	supported file extension	Audio Codec	video bitrate	Audio SampleRate
MPEG	MPEG-1 MPEG-2	MPEG-2: Simle, Main, High	*.mpg *.mpeg *.dat *.vob	MPEG AC3 PCM MP3	Bitrate: 40Mbps Resolution: 1080p FrameRate: 30fps	MP3 8KHz/16KHz/1/32KHz 11KHz/22K/44KHz 12KHz/24K/48KHz

Dolby AC3 EAC3 32KHz/44.1KHz/48KHz

Cook 44.1KHz

APE 8 ~ 96KHz

FLA C8~192KHz

AAC(HE-AAC) 8 ~ 96KHz

MPEG-1 layer1/2 32KHz/44.1KHz/48KHz

MPEG-2 layer1/2 32KHz/44.1KHz/48KHz |
AVI	Avi (MPEG2,MPEG4)	MPEG2: Simple, Main, High MPEG4:	*.avi, *.xvid	MPEG MP3 AC3 PCM AAC FLAC		
RM	RV8/9/10	N/A	".rm", ".rmvb"	COOK AAC		
FLV	H264, SH.263	H.264: Baseline, Main, High	*.flv	PCM MP3 AAC		
ASF/ WMV	MPEG4, MPEG-1/2, H264, H263	MPEG4: Advanced Simple, Simple MPEG2: Simple, Main, High	*.asf	MP3, PCM, AC3, AAC, mpeg, aac_pure		
MP4	MPEG4, H.264, SH. 263, MPEG1/2	MPEG4: Advanced Simple, Simple H.264: Main,	*.mp4, *.mov	AAC, MP2, MP3, AC3, PCM, AAC_PURE, MPEG		
MKV	MPEG1/2, MPEG4, H264, RV8/9/10, SH.263, H.263	MPEG2: Simpe, Main, High MPEG4: Advanced	*.mkv	MP2, MP3, AC3, AAC, PCM, mpeg, aac_pure, flac		
OGM	MPEG-2; MPEG-4; H.264; RV8/9/10; H.263	MPEG2: Main,High MPEG4: Advanced Simple, Simple H.263: Baseline	*.ogm	mp3 AC3 PCM MPEG AAC, RA_COOK, VOBIS		

· **Audio**

File Format	supported file extension	supported audio	sample rate
MP3	*.mp1 *.mp2 *.mp3	MP1/MP2/MP3	supported 8KHz/16KHz/1/32KHz 11KHz/22KHz/44KHz
AAC	*.aac	AAC	supported 8 ~ 96KHz
FLAC	*.flac	FLAC	supported 8~192KHz
APE	*.ape	APE	supported 8 ~ 96KHz

· **Picture**

File Format	supported file extension	limitation
JPEG	*.jpg *.jpeg	baseline: width* height <4096*4096
PNG	*.png	width * height <4096*4096
GIF	*.gif	width * height <4096*4096

DVD file

· Video

File Format	Supported video codec	Supported Profile	Supported extension	Supported audio codec	Video bitrate limit	Audio bitrate limit
MPEG	MPEG-1 Video MPEG-2 Video	main high	.mpg .mpeg .dat .vob	mpeg, AC3, PCM	MPEG2 Video: 10Mbps MPEG4 Video: 10Mbps	
AVI	Avi(MPEG2,MPEG4,)	MPEG2: Main, High upto 720*576 MPEG4: Advanced Simple, Simple 800*600	*.avi, *.xvid	MP2,MP3, AC3,PCM WMA	MPEG2 Video: 10Mbps MPEG4 Video: 10Mbps	
ASF	MPEG-4 video	MPEG4: Advanced Simple, Simple 800*600	*.asf,	MP3, PCM, AC3		audio (wma) bitrate(32k~192k)
MP4	MPEG 4 Video	MPEG4: Advanced Simple, Simple800*600.	.mp4, .mov	AAC,MP2, MP3,AC3	MPEG4 Video: 10Mbps	
FLV	H.263	H.263 main	.flv,.f4v	mpeg	3Mbps	
DAT	MPEG1	MPEG1 main	.dat	mpeg,pcm,ac3	3Mbps	
VOB	MPEG2	MPEG2: Main, High upto 720*576	.vob	mpeg,pcm,ac3	10Mbps	
OGM	MPEG2, MPEG4	MPEG2: Main, High MPEG4: Advanced Simple, Simple	*.ogm	mp3 AC3 LPCM MPEG	MPEG2 Video: 10Mbps MPEG4 Video: 10Mbps	

· Audio

File Format	Supported file	Supported audio codec	Audio bitrate limit
MP3	.mp3 .mp2	MP1/MP2/MP3/pcm	8kbps~320kbps
M4A	.m4a	aac	32Kbps~320Kbps
AAC	.aac	aac	32Kbps~320Kbps

· Picture

File Format	Supported file	Limitation
JPEG	baseline jpeg, progressive jpeg	Decoding source picture size up to 8784x5856 Re-sample to 720x480 and 720x576

電源開關: 按面板上 [(¹)] 電源鍵開機。

繁體中文

1. ▲ 退出鍵
   按此鍵退出光碟 (當有碟片插入時)

2. (¹) 電源鍵
   短按: 開機
   在操作時短按: 進入靜音狀態
   長按: 關機

3. ⌂ 按鍵
   短按: 切換當前播放源與主桌面
   長按: 直接進入藍牙模式

4. 音量鍵 ＋ / ━
   按此鍵增加/減少音量。

5. 麥克風

6. 碟槽
   將光碟有標識的一面向上插入碟槽。

7. microSD 卡插槽
   此插槽支持 SD 卡和地圖卡

8. USB 插槽
   USB 插槽，只播放多媒體文件。插入一個
   USB，主機將會自動開始閱讀和回放 USB
   內文件 .

9. 復位孔
   恢復出廠設置

10. AV 輸入
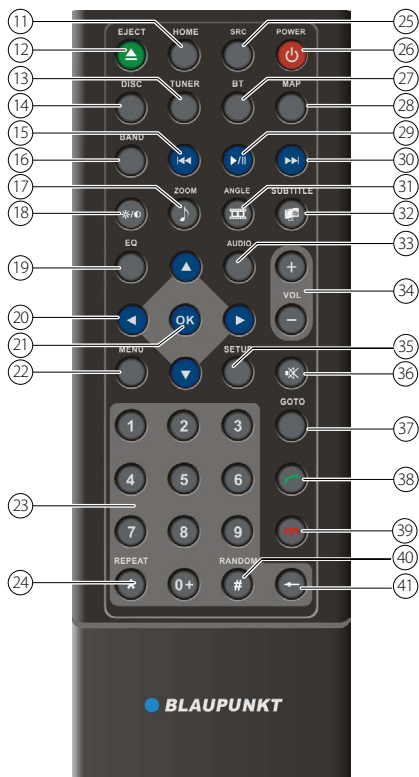
11. 轉到主菜單
12. 出碟
13. 轉到收音
14. 轉到碟片
15. 向上搜臺
    回到上一章節
16. 選擇收音波段
17. 放大 (DVD/VCD 視頻菜單)
    音樂菜單 (音頻菜單)
18. 調整屏幕設置
19. 打開音效菜單
20. 菜單搜索
21. 確認
22. 打開路徑菜單 (DVD)
    開 / 關 PBC (VCD)
23. 數字鍵
24. 重復播放
25. 轉到下一個播放源
26. 開關鍵
27. 轉到藍牙功能鍵
28. 轉到導航功能鍵
29. 暫停 / 開始
30. 向下搜臺
    回到下一章節
31. DVD 角度選擇
    圖片旋轉
    轉到視頻清單
32. DVD 字幕語言選擇
    圖片清單
33. 改變音頻語言 (DVD)
34. 音量調節
35. 進入設置菜單
36. 音頻輸出靜音開關
37. 直接跳轉曲目模式
38. 撥號 / 接聽電話
39. 挂機
40. 隨機播放
41. 短按逐個清除數字
    長按清除所有數字

繁體中文

提示:

在開始裝置前，請先移除機器頂部的機芯固定鏍絲。（此螺絲僅在運輸途中起固定機芯的作用）

開機和關機

開機: 按[⏻]按鍵啓動主機。

關機: 在工作模式下，長按[⏻]按鍵即可關機。

静音

播放時，短按 [⏻] 按鍵進入靜音模式。

注意:

再次短按 [⏻] 鍵或者調節音量將退出靜音狀態。

調節音量

按 [＋] 或 [━] 鍵增加或減小音量。

音量調節的範圍從0到50。

模式選擇

☛ 開機狀態下，按 [⌂] 鍵顯示主菜單。

☛ 在屏幕的工具欄裏點擊相應的功能圖標，進入選擇的模式，如碟片、導航、收音等。

在程序欄內按住屏幕并左右拖動以顯示更多内容。

主界面

在主界面，按屏幕上的按鈕，可以進入不同的播放源和操作模式。

☛ 按 [⌂] 按鈕進入主界面，如下顯示:

1 進入設置菜單功能
2. 功能圖標
3. 日期時間顯示
4. 快速進入EQ設定

設置收音區域

本機因收音區域不同而對應不同的收音頻率範圍。工廠出廠收音區域爲"亞洲(FM/AM)"，如果你在亞洲範圍之外，需去設置相應的收音區域:

☛ 在主界面，按[🖼] 按鈕，進入到設置菜單。

☛ 在設置菜單底部，按[通用]按鈕，就會顯示收音區域的選項。

☛ 點擊二次[收音區域]即可顯示有效的收音區域。

☛ 在收音區域清單中，雙擊你所需的區域。

☛ 按 [⌂] 按鈕，主界面再次顯示。

收音模式

進入收音機播放

☛ 進入主桌面，輕觸的 [收音機] 圖標，進入收音機模式。

1. 返回主菜單
2. 當前收音波段
3. 當前預置電臺
4. 當前頻率
5. 時間
6. 預置電臺儲存
7. 波段轉換
8. 上一頻率
9. 自動搜索
10. 下一頻率
11. 顯示其余控制鍵
12. 遠程/本地選擇

13. 進入EQ設定界面
14. 直接輸入頻率點
15. 自動搜存電臺

選擇波段

輕觸 [🔊]，在FM或AM中切換選擇波段:
·FM波段選項: FM1、FM2、FM3
·AM波段選項: AM1、AM2

手動調臺

手動調臺時，頻率一步步變化。
點擊 [<] 或 [>] 選擇上一/下一頻率。

自動搜臺

長按 [<] 或 [>] 自動搜索上一/下一有效電臺。
如果要停止搜索，重復以上操作或進行其它收音操作。

手動輸入電臺頻率

☛ 輕觸[⠿]， 進入數字鍵盤輸入界面。
☛ 輕觸數字以輸入有效頻率。
☛ 輕觸 [OK] 確認。
輕觸 [⌫] 清除輸入的數字。

繁體中文

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手動存儲電臺
- ☛ 按[🎝]調到所需的波段。
- ☛ 選擇所需的頻率。
- ☛ 長按預設電臺列表P1 ~ P6，將當前電臺
  儲存。

自動搜存電臺
在當前波段，你能自動搜索存儲6個超強信號的
電臺，進行此操作將覆蓋之前存儲的電臺。
- ☛ 選擇一個波段。
- ☛ 按 [••••] 顯示其它控制鍵。
- ☛ 按 [TS]，系統將自動搜索到有效電臺并自
  動保存。

掃瞄預設電臺
- ☛ 點擊屏幕下方 [🔍] 鍵，自動掃瞄當前波段
  的預設電臺，每個電臺瀏覽播放 5 秒，自
  動掃瞄完畢后系統自動退出掃瞄界面。

遠程/本地選擇
輕觸 [遠程 / 本地] 圖標，遠程 / 本地切換功能。
[遠程]：可以接收較弱信號電臺；
[本地]：只接收信號較強電臺。

插入碟片
將碟片有標識的一面朝上插入碟槽，本機會自
動吸入光碟開始讀取。

注意:
1. 入碟前請確認碟槽內是否已經有碟。
2. 入碟後，將退出當前模式，自動進入光碟播
   放模式。
3. 因刻錄方式不同，部分CD-R，CD-RW，
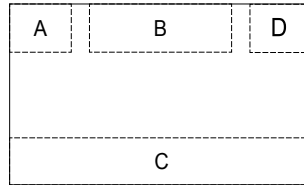   DVD-R，DVD+R，DVD-RW，DVD+RW可能無
   法播放。

彈出碟片
按面板 [▲] 鍵彈出光碟。

注意:
1. 出碟後，自動轉換到其他可播放模式。
2. 請在出碟後10秒內取走光碟，否則光碟會再
   次吸入以免意外損壞。

視屏播放觸摸按鍵分布
當播放圖片或視屏時，在屏幕上的功能區域分
布如下圖所示:

A 區： 返回主桌面
B 區： 顯示播放資訊
C 區： 屏幕控制按鍵
D 區： 時間顯示

SD/前置USB裝置
連接
- ☛ 將SD/USB裝置插入SD/前置USB接口，將自
  動開始播放。

移除
- ☛ 切換至另一個音源。
- ☛ 移除外部USB/SD裝置。

DVD電影播放

本機支持DVD和VCD視頻，插入碟片后，自動進入光碟播放。

☛ 再按屏幕，播放界面如下圖所示:

1. 返回主菜單
2. 顯示DVD目録
3. 上一章節
4. 暫停 / 播放
5. 下一章節
6. 進入搜索界面
7. 顯示更多控制按鍵

☛ 點擊 [••••] 顯示更多控制按鍵。

8. 進入EQ界面
9. 重復A-B片段
10. DVD音頻語言選擇
11. 選擇字幕語言
12. 重復播放
13. 畫質調整

DVD/CD, USB, microSDHC音頻播放

☛ 在主界面，選擇一個所需的播放源，播放開始。
如果音頻没有開始播放，

☛ 按 [▤]，進入到文件列表。

☛ 按[🔍]，顯示存儲設備中所有的文件夾和文件
- 或者-

☛ 按 [♫]，顯示存儲設備中所有的音頻文件。

[▲] 向上翻頁
[▼] 向下翻頁
[▶] 打開所選擇的文件 / 曲目
- 或者 -
雙擊文件名稱，相應的文件被打開
[✕] 退出文件夾 / 文件列表

打開曲目后，顯示如下播放界面:

1. 返回主菜單
2. 顯示文件列表
3. 上一曲
快退 (長按)
4. 暫停/播放
5. 下一曲
快進 (長按)
6. 顯示其余控制鍵

7. 進入曲目搜索界面
8. 重復播放
播放時，您可以選擇不同的循環播放模式，反復輕觸 [⇆]圖標，根據播放文件格式不同，

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重復功能的選擇也不同，執行重復時所呈現的文字解釋如下:

顯示圖標	重復模式
⟳❶	重復播放當前曲目
⟳▪	重復播放當前文件夾的曲目
⟳Ⓐ	重復播放所有的曲目

9. 播放音頻時，可以隨機順序播放所有曲目，如果隨機打開，⤬顯示爲白色。
隨機功能模式是依賴重復播放功能而進行。

重復模式顯示	隨機模式
⟳❶	不能隨機播放
⟳▪	隨機播放當前文件夾的曲目
⟳Ⓐ	隨機播放所有的曲目

10. 進入 EQ 界面

USB，microSDHC視頻播放

☛ 從主界面選擇所需的播放源。
如果視頻播放沒有開始，

☛ 按 [🗐]，進入到文件列表。

☛ 按[🔍]，顯示存儲設備中所有的文件夾和文件
- 或者-

☛ 按 [🎬]，顯示存儲設備中所有的視頻文件。
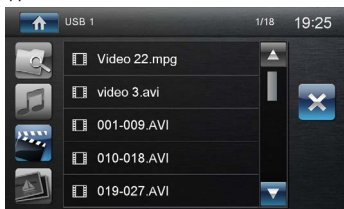
在播放視頻文件時，播放控制按鈕是隱藏的。

☛ 輕觸屏幕，可以顯示出播放控制按鈕，顯示如下播放界面:

1. 返回主菜單
2. 顯示文件列表
3. 上一曲目
   快退 (長按)
4. 暫停/播放
5. 下一曲目
   快進 (長按)
6. 進入曲目搜索界面
7. 顯示其余控制鍵

☛ 點擊 [••••] 顯示更多控制按鍵。

8. 進入 EQ 界面
9. 重復播放
10. 畫質調整
11. 音頻語言選擇
12. 選擇字幕語言

USB , SDHC 圖片播放

☛ 從主界面選擇所需的播放源。
如果圖片播放沒有開始，

☛ 按 [🗐]，進入到文件列表。

☛ 按[🔍]，顯示存儲設備中所有的文件夾和文件
- 或者-

☛ 按 [🖼]，顯示存儲設備中所有的圖片文件。

※ 提示
爲了您的安全，避免在開車時通電話。
本機具備藍牙無綫傳輸功能，可連接市場上主流的、具有藍牙功能的手機等設備。藍牙配對成功后，可通過本機撥號/接聽等功能，還可以播放手機中的音樂。

藍牙配對

要將手機連接至本機，您需要將該手機與本機配對。
☛ 打開手機的藍牙功能(本機藍牙功能默認是開啓)。
☛ 用手機搜索到本機藍牙，本機藍牙裝置名會顯示在您的手機藍牙配對列表上;
也可用本機藍牙搜索手機，搜索到的手機名會顯示到本機藍牙配對列表上。
☛ 搜索成功后，輕觸本機藍牙名，按手機的提示輸入藍牙配對密碼 "1234"，即可與本機藍牙配對。
☛ 配對成功后，本機屏幕上即顯示被配對的藍牙型號名，操作顯示界面如下。

※ 提示
· 本機與手機之間的操作範圍： 小於 5 米。
· 在將手機連接至本機之前， 您需要熟悉設備的藍牙功能， 本機不保證兼容所有的手機。
· 本機與手機之間的任何障礙物都會使操作範圍縮小。

斷開藍牙連接

要斷開手機藍牙連接， 請輕觸 [◀█▶] 圖標或關閉手機的藍牙功能。

※ 提示：
· 當裝置移至操作範圍之外時， 藍牙連接也會斷開。
· 如果您想將手機重新連接至本裝置， 將其置於操作範圍之內即可。
· 如果您不想讓手機自動重新連接至本裝置，請輕觸藍牙設定 [⚙] 圖標 >[自動連接]，然后選擇 [Off]。 有關詳細信息， 請參閱 "調整藍牙設定" 部分。

撥打電話

☛ 在撥打電話的界面，輕觸[📇]，進入藍牙電話本， 根據您的所需， 查找聯系人的電話號碼， 然后輕觸[撥號]，進入通話界面。
[📇]: 電話本
[📋]: 通話記錄
[📞]: 未接電話
[📞]: 已接電話
[📞]: 已撥電話

或直接通過數字鍵區域輸入電話號碼。

繁體中文

選中號碼后， 輕觸電話號碼， 即可進入通話界面。

· [🎤]: 打開或關閉麥克風。
· [→目]: 通話聲音將由本裝置的揚聲器轉換至手機。
· [⬛]: 進入數字鍵盤界面。

接聽電話
☛ 如有來電， 屏幕上的 [來電 ...], 按 [📞] 圖標即可接聽電話。
☛ 輕觸 [📞] 可終止通話。

調整藍牙設定
在本機藍牙菜單中， 輕觸藍牙設定 [⚙] 圖標， 將顯示藍牙設定的選項菜單。

您可更改以下本機藍牙設定：
[藍牙]： 開啓或關閉 "藍牙" 功能。
[自動連接]： 開啓或關閉 "自動連接" 功能
[自動回應]： 開啓或關閉 "自動應答" 功能
[麥克風]： 可以選擇內置 / 外置藍牙麥克風
[配對碼]： 輸入初始密碼 "1234"， 您可以進入重新設定配對碼。 重新設定配對碼完畢后， 自動退出設定。

[電話薄同步]： 打開 "同步" 功能， 可把手機中的 "電話薄" 同步到本機。 輕觸 "同步" 即可同步手機上的電話號碼到本機中 (同步過程大約需幾分鐘時間)， 同步完畢后， 本機即可顯示手機電話本上的相關資訊。

手機音樂
· 如果所連接的手機支持高級音頻傳送功能 (A2DP)， 則您可通過本機來播放存儲在手機中的音樂。
☛ 將手機與本裝置配對。
☛ 輕觸 [藍牙], 將顯示藍牙菜單。
☛ 手機播放音樂， 音樂就從本機喇叭播出。

· 如果您的設備支持播放控制功能 (AVRCP)
☛ 輕觸本機藍牙界面上的 [♪] 圖標， 進入藍牙音樂操作界面 。
☛ 可以通過本機藍牙界面功能圖標控制手機的音樂播放。
[⏮]/[⏭]: 上一曲 / 下一曲
[⏯]: 暫停 / 播放

雙機互動

雙機互動功能是車載設備與手機進行信息交互的功能應用， 對于手機本身的功能存在一定的依賴性。 此功能可使您在汽車行駛過程中， 不用看着手機屏幕、 觸摸手機屏幕或操作手機按鍵， 只需要用車機上的物理按鍵或車機的觸摸屏就可以控制和操作手機， 包括接聽、 撥打電話、 聽手機音樂等功能。

本機系統爲 WIN CE 版， 支持車載終端與 Android 手機互控、 與 iPhone 鏡像的功能。 連接方式爲標准 USB 接口連接。

連接安卓手機步驟

☛ 開啓手機 **[USB 調試]**
　手機進入"設置 -- 關于設備"操作如下（由于手機版本不盡相同， 大致有兩種情況）：

1） 存在 "開發者選項"： 點擊 "開發者選項" ─ 點擊打開 "開啓開發者選項" ─ 點擊打開 "USB 調試" ─確定允許。

2） 不存在 "開發者選項"： 點擊系統版本號 （内部版本號） 8 次， 再回到設置中， 點擊 "開發者選項" ─點擊打開 "開啓開發者選項" ─點擊打開 "USB 調試" ─確定允許。

☛ 藍牙連接
　需要建立手機與車載終端的藍牙連接， 才能將手機音頻傳輸到車載終端， 通過汽車揚聲器播放手機中的音頻内容， 可以使用戶在使用本軟件的同時， 方便的接聽和撥打手機電話、 聽取音樂、 視頻等功能。

☛ 正確連接 USB 綫。

☛ 完成連接。
　若未能連接成功， 請更換 USB 綫纜或車機 USB 接口， 或重新拔插 USB 綫或重啓手機， 再次嘗試。）

☛ 完成連接后按屏幕軟件進行需求操作。

注： 第二次連接只需直接連接 USB 綫即可。

※ 提示：

• 爲了您的行車駕駛安全， 在開車時請勿使用該功能。

• 爲了正常使用， 本機推薦**安卓系統 4.0 至 6.0 版本**， 由于 Android2.3.X 以下版本系統缺少相關支持， 因此在使用這部分版本系統手機連接本產品時， 部分功能 （如: 手機視頻播放等） 可能無法正常顯示。

• 根據手機 "媒體庫" 及車機 "視頻" 程序支持格式的不同， 不是所有被拷貝到手機中的視頻文件都能够被識別和播放。 根據設備的功能不同， 并不是所有格式的視頻文件都能流暢在車載終端内播放。

• 由于市場上的手機數據綫性能差異懸殊， 強烈推薦您使用手機自帶的**原廠 USB 數據綫**進行連接， 以保證連接的穩定性。

• 由于手機性能的差异， 使用不同的手機連接時， 性能可能存在差异。

連接 iPhone 步驟

☛ 在 iPhone 設定界面打開個人熱點。

☛ 正確連接 USB 綫

☛ 從手機屏幕底部向上輕掃進入控制中心并點擊 **[Airplay]** 按鈕。

☛ 選擇 **[EC-Mirror]**， 打開 **[鏡像輸出]** 功能。

☛ 連接成功后， 手機桌面將會顯示在車機上。

注意：

本機支持 iOS8.0 至 iOS10.0 版本 iPhone。 iOS9 以下不支持顯示網頁視頻、 不支持將打電話的語音傳到車機， IOS9.0 以下不支持 iPhone 自帶視頻的 APP。

繁體中文

調整音效

☛ 輕觸主桌面下方的 [▦] 圖標, 快捷進入
   音效設置, 詳見以下操作:

☛ 輕觸 [▦], 將顯示以下選項:

1) 選擇預設音效
   [舒適]/[古典]/[搖滾]/ [爵士]/ [輕快]/[流行]
   以上是系統已預設完成的音效, 根據您的需
   要進行選擇。

2) 手動設置均衡器
   輕觸均衡器上下兩邊可以調節各個頻段的參
   數。

3) 輕觸 [重置] 恢復爲默認設置。

調整揚聲器平衡

您可以調整前置和后置揚聲器平衡、 左右揚聲
器平衡以及低音揚聲器設置。

☛ 輕觸主桌面下方的 [▦] 圖標, 快捷進入
   音效設置。
   - 或者 -

☛ 在任一音頻界面的控制按鍵區, 按 [▦]
   圖標。

☛ 輕觸 [⤡], 將顯示以下選項:

☛ 點擊汽車模型的 [◄] 或 [►] 圖標調整左
   右平衡, 點擊汽車模型的 [▲] 或 [▼] 圖標
   調整前后衰減。

☛ 然后, 按 [↩]. 當前設置被保存, 退出音
   效設置界面。

導航

在主菜單選擇 [導航] 進入地圖界面, 通過觸
摸屏進行導航操作。

* 不要在開機狀態下取出地圖卡 (Mini-SD
card)。

輔助設備

在主菜單選擇 [AV- 輸入 1] 訪問前置輔助設備;
選擇 [AV- 輸入 2] 訪問後置輔助設備。

基本設置

☛ 在主菜單選擇 [⚙] 進入系統設置界面。
（顯示如下圖）：

🏠 設置		19:22
收音區域	亞洲	⬆
FM HICUT	開啟	
黑屏模式	關閉	
調光器模式	正常	
OFF timer	30min	⬇

通用　視頻　聲音　時間　語言　藍牙　音量

通用設置
顯示如下設置：
收音區域：選擇收音區域。
FM HICUT：開啟 / 關閉 FM HICUT。
黑屏模式：選擇屏幕保護狀態 (關 /10 秒 /20 秒)。
調光模式：輕觸本鍵，可以選擇四種不同光綫
模式：夜晚 / 黃昏 / 正常 / 明亮。
OFF timer：設置關機時間。
蜂鳴器：開啟 / 關閉按鍵音效。
按鍵背光：可進入按鍵背光顏色選擇。
SWC：輕觸本鍵，可進入方向盤控制界面。
軟件版本：顯示當前機器的軟件版本號。
恢復出廠設置：復位，選擇是否執行。

視頻設定
顯示如下設置：
設置密碼：設定視頻密碼。
級別等級：設置童鎖等級。
視頻輸出：視頻輸出開關
高寬比：調整視頻播放時，屏幕的高寬比例。

聲音設定
顯示如下設置：
重低音喇叭輸出：開啟關閉重低音。
重低音喇叭過濾：選擇重低音揚聲器濾波器標
准。（設置：80/120/160 Hz)
動態範圍壓縮：開啟關閉動態音。

時間設定
日期：設定年月日。
時鐘模式：可進行 12 小時制、24 小時制切換。
時間：設定小時、分鐘。
Auto clock：開啟 / 關閉 RDS 時間同步。

語言設定
原文：選擇操作界面語言。
DVD 聲音：選擇 DVD 音頻語言。
DVD 字幕：選擇 DVD 界面語言。
碟片菜單：選擇碟片菜單界面語言。
藍牙設定
藍牙：開啟或關閉 "藍牙" 功能。
自動連接：開啟或關閉 "自動連接" 功能。
自動回應：開啟或關閉 "自動應答" 功能。
配對碼：您可以進入重新設定配對碼。重新
設定配對碼完畢后，自動退出設定。
麥克風：可以選擇內置 / 外置藍牙麥克風。

音量設定
您可針對不同的音源設定不同的音量增益，以
使各個音源的音量輸出差異符合您的習慣。

繁體中文

注意事項

- 本機用於 12V 電池和負極接地的車輛，若將本機安裝在 24V 電池系統的車輛，請安裝降壓裝置。

- 爲了避免電氣系統短路，安裝前應斷開電池的負極端的連接。

- 請將連線安置在可固定的地方，使其無法接觸任何移動部件，如手剎、變速捍、座椅固定導軌等；不要將連線安置在熱源區，如暖氣排放口附近等，否則熱源會引起接線的絕緣層熔化或磨損，進而引起連接線與車身短路。

- 請勿將電源正極連接線穿過安裝孔引入引擎室再接電池，否則可能損壞電源線，進而引起電源線與車身短路。

- 更換保險絲時，請使用指定規格 (15A) 的保險絲，使用規格不匹配的保險絲可能導致無法正常工作，甚至損壞本機或引發火 。

- 請勿將其他設備與本機共用一個電源，否則可能因過載導致故障。

- 請用絕緣膠布包裹連接線裸露處，以免發生短路現象。

- 捆扎好所有連接線，避免任何連線端子與機身或車身金屬部分接觸而導致短路。

- 當打開本機電源時，外接功放控制信號通過連接線 P.CONT 輸出，若本機連接了外接功放，請不要將 P.CONT 連接至功放的電源端，否則會引發故障。

- 本機的揚聲器輸出端子嚴禁接地，否則將會燒壞功放。請勿使用共接地線的 3 線型揚聲器系統，不可將揚聲器連接線接在車體上。

- 連接本機的揚聲器的最大輸出功率爲 30W，阻抗值爲 4Ω。
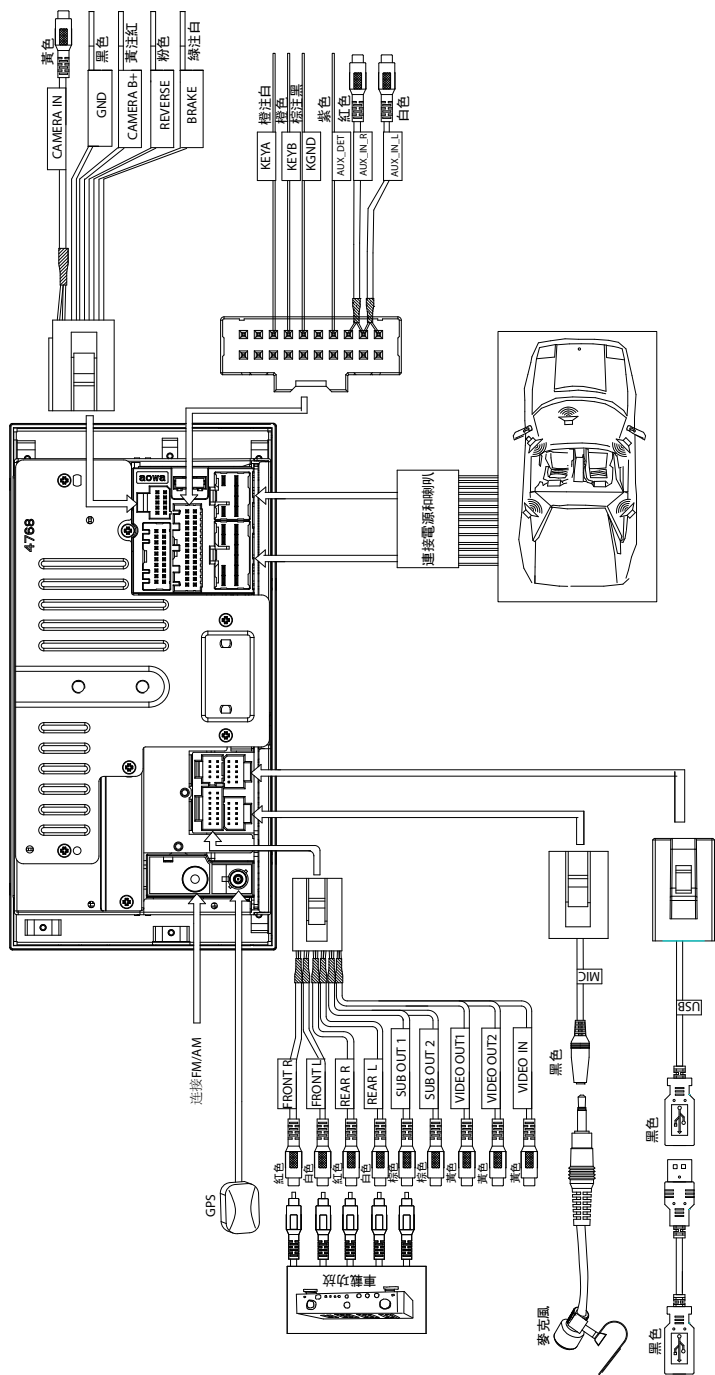
問題	原因	方法
一般問題		
無法打開本機電源	本機保險絲已燒熔。	安裝合適規格的新保險絲。
	汽車電池保險絲已燒熔。	安裝合適規格的新保險絲。
無法打開本機電源 按下按鈕時無任何反應。 顯示內容不正確。	違規操作。	關閉電源， 用一根細棒按復位孔。 * 按下復位按鈕時， 硬件復位后存的電臺及相關移動設備均有記憶。
無 / 低音頻輸出	音頻輸出連接不正確。	檢查連線并改正。
	音量過低。	調高音量。
	揚聲器損壞。	更換揚聲器。
	聲音音量嚴重不平衡。	將聲道平衡調到中間位置。
	揚聲器接線接觸到汽車的金屬部件。	將所有揚聲器接線連接絕緣。
音質差或失真	使用了非標准光碟。	使用標准光碟。
	揚聲器功率與本機不匹配。	更換揚聲器。
	連接錯誤。	檢查連線并改正。
	揚聲器短路。	檢查連線并改正。
發動機關閉時， 本機會復位	ACC 與電池之間的連接錯誤。	檢查連線并改正。
TFT 屏幕		
顯示警告信息	刹車線連接不正確。	檢查接線。
屏幕閃爍或有干擾。	碟片的色彩模式與屏幕不匹配。	調整 DVD 或屏幕的色彩。
	使用非正版碟片。	請使用正版碟片。
	錯誤的視頻信號。	檢查相關線束是否正確連接。
CD/VCD/DVD 播放機		
無法裝入光碟。	已裝入其它光碟。	退出光碟， 再裝入新光碟。
	碟片槽中有異物。	務必取出異物。
聲音跳躍或嘈雜。	光碟髒污。	用軟布清潔光碟。
	光碟嚴重刮傷或變形。	用無刮傷的光碟更 。
剛打開電源時， 音質很差。	當汽車停泊在潮濕場所時， 內部透鏡上會凝結水珠。	打開電源， 等待 1 小時讓其晾乾。
隨身碟 /SD 設備		
無法插入隨身碟 /SD 設備。	隨身碟 /SD 設備的插入方向錯誤。	反轉隨身碟 /SD 設備的連接方向， 然后重試。
	隨身碟 /SD 接頭破損。	換臺新的隨身碟 /SD 設備。
無法識別隨身碟 /SD 設備。	隨身碟 /SD 設備損壞。	斷開隨身碟 /SD 設備的連接， 然后重新連接。 如果仍無法識別設備， 換一個隨身碟 /SD 設備。
	接頭松脫。	
播放文件不識別 / 播放質量差。	文件類別或編碼信息與機器系統不兼容。	建議使用與本機兼容的視頻格式轉換軟體進行有效格式的轉 。

- **Video**

文件格式	視頻編碼	支持的 Profile	文件擴展名	音頻編碼	視頻碼率	音頻采樣率
MPEG	MPEG-1 MPEG-2	MPEG-2: Simle, Main, High	*.mpg *.mpeg *.dat *.vob	MPEG AC3 PCM MP3		
AVI	Avi (MPEG2,MPEG4)	MPEG2: Simple, Main, High MPEG4:	*.avi, *.xvid	MPEG MP3 AC3 PCM AAC FLAC		
RM	RV8/9/10	N/A	".rm", ".rmvb"	COOK AAC		MP3 8KHz/16KHz/1/32KHz 11KHz/22K/44KHz 12KHz/24K/48KHz
FLV	H264, SH.263	H.264: Baseline, Main, High	*.flv	PCM MP3 AAC		Dolby AC3 EAC3 32KHz/44.1KHz/48KHz
ASF/ WMV	MPEG4, MPEG-1/2, H.264 H263	MPEG4: Advanced Simple, Simple MPEG2: Simple, Main, High	*.asf	MP3, PCM, AC3, AAC, mpeg, aac_pure	Bitrate: 40Mbps Resolution: 1080p FrameRate: 30fps	Cook 44.1KHz APE 8 ~ 96KHz
MP4	MPEG4, H.264, SH. 263, MPEG1/2	MPEG4: Advanced Simple, Simple H.264: Main,	*.mp4, *.mov	AAC, MP2, MP3, AC3, PCM, AAC_PURE, MPEG		FLA C8~192KHz AAC(HE-AAC) 8 ~ 96KHz
MKV	MPEG1/2, MPEG4, H264, RV8/9/10, SH.263, H.263	MPEG2: Simpe, Main, High MPEG4: Advanced	*.mkv	MP2, MP3, AC3, AAC, PCM, mpeg, aac_pure, flac		MPEG-1 layer1/2 32KHz/44.1KHz/48KHz MPEG-2 layer1/2 32KHz/44.1KHz/48KHz
OGM	MPEG-2; MPEG-4; H.264; RV8/9/10; H.263	MPEG2: Main,High MPEG4: Advanced Simple, Simple H.263: Baseline	*.ogm	mp3 AC3 PCM MPEG AAC, RA_COOK, VOBIS		

- **Audio**

文件 格式	文件 擴展名	支持的音頻 編碼	音頻采樣率
MP3	*.mp1 *.mp2 *.mp3	MP1/MP2/MP3	支持 8KHz/16KHz/1/32KHz 11KHz/22KHz/44KHz
AAC	*.aac	AAC	支持 8 ~ 96KHz
FLAC	*.flac	FLAC	支持 8~192KHz
APE	*.ape	APE	支持 8 ~ 96KHz

- **Picture**

文件 格式	文件 擴展名	限制
JPEG	*.jpg *.jpeg	baseline: width* height <4096*4096
PNG	*.png	width * height <4096*4096
GIF	*.gif	width * height <4096*4096

DVD file

- ### Video

文件格式	视频编码	支持的 Profile	文件擴展名	音頻編碼	視頻碼率	音頻碼率
MPEG	MPEG-1 Video MPEG-2 Video	main high	.mpg .mpeg .dat .vob	mpeg, AC3, PCM	MPEG2 Video: 10Mbps MPEG4 Video: 10Mbps	
AVI	Avi(MPEG2,MPEG4,)	MPEG2: Main, High upto 720*576 MPEG4: Advanced Simple, Simple 800*600	*.avi, *.xvid	MP2,MP3, AC3,PCM WMA	MPEG2 Video: 10Mbps MPEG4 Video: 10Mbps	
ASF	MPEG-4 video	MPEG4: Advanced Simple, Simple 800*600	*.asf,	MP3, PCM, AC3		audio (wma) bitrate(32k~192k)
MP4	MPEG 4 Video	MPEG4: Advanced Simple, Simple800*600.	.mp4, .mov	AAC,MP2, MP3,AC3	MPEG4 Video: 10Mbps	
FLV	H.263	H.263 main	.flv,.f4v	mpeg	3Mbps	
DAT	MPEG1	MPEG1 main	.dat	mpeg,pcm,ac3	3Mbps	
VOB	MPEG2	MPEG2: Main, High upto 720*576	.vob	mpeg,pcm,ac3	10Mbps	
OGM	MPEG2, MPEG4	MPEG2: Main, High MPEG4: Advanced Simple, Simple	*.ogm	mp3 AC3 LPCM MPEG	MPEG2 Video: 10Mbps MPEG4 Video: 10Mbps	

- ### Audio

文件格式	支持的文件	支持的音頻編碼	音頻碼率
MP3	.mp3 .mp2	MP1/MP2/MP3/pcm	8kbps~320kbps
M4A	.m4a	aac	32Kbps~320Kbps
AAC	.aac	aac	32Kbps~320Kbps

- ### Picture

文件格式	支持的文件	限制
JPEG	baseline jpeg, progressive jpeg	Decoding source picture size up to 8784x5856 Re-sample to 720x480 and 720x576

繁體中文

Designed and enginereed by Blaupunkt