



CAMDEN 450

## 6.9" Touch screen Display MP5 Receiver Instruction Manual



*Enjoy it.*

## **IMPORTANT NOTICE & PRECAUTIONS**

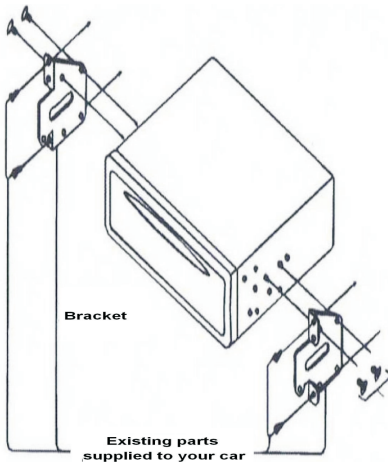
Thank you for using our company multi-media player! To operate the unit correctly, please read the operation manual carefully before using. Keep this operation manual for further reference.

The unit is designed only for DC 12V negative ground operation system. Make sure your vehicle is connected to DC 12V negative ground operation system. Be sure to connect the speaker(-) leads to the speaker(-) terminal. Never connect the left and right channel speaker wires together or to the vehicle body.

The normal temperature for operation is between -20 and +60 degree Celsius. Do not work in extreme high or low temperature and lock vents or radiator panels of the unit, blocking them will cause heat to build up inside the unit and may cause damage or fire.

This unit can play the following media files: 1080p / RMVB / MPEG 4 / MP3 / WMA / JPEG.

## **INSTALLATION**



### **Notes:**

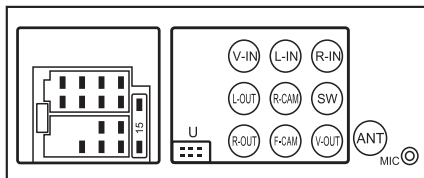
- Installation varies on type of cars and supplied parts
- Store small articles in places not accessible to children
- Install only with the supplied screws
- Installation of unit by professional technician is strongly recommended

### **Remarks:**

Mounting brackets and screws are the parts that supplied in your car and not provided in this unit.

## WIRING CONNECTION

### BACK OF MAIN UNIT



#### Remarks:

Due to the law of some countries, video playback is not allowed during driving. To allow video playback during driving, the brown wire (brake) should be connected to ground (B-) of the car battery.

Portion		Colour	Connection
Connecting Socket	POWER	Red	Ignition switch (B+)
		Black (Coarse)	Ground (B-)
		Yellow	Memory back up (B+)
		White	Front left speaker (+)
		White / Black	Front left speaker (-)
		Grey	Front right speaker (+)
		Grey / Black	Front right speaker (-)
		Green	Rear left speaker (+)
		Green / Black	Rear left speaker (-)
		Purple	Rear right speaker (+)
		Purple / Black	Rear right speaker (-)
		Blue	Auto antenna (B+)
		Orange	Headlamp detection / backlight illumination (Connect to on/off control of car headlamp)
	U	Pink	Back sight (B+)
		Pink /Black	FCCD
		Brown	Brake (B-)
		Grey	Steering wheel control (1)
		Green	Steering wheel control (2)
		Black (Fine)	Steering wheel control (Ground)
	ANT		Radio antenna
	MIC		External microphone jack
Audio output jack	SW	Green	Sub-woofer output
	L-OUT	White	Rear left speaker output
	R-OUT	Red	Rear right speaker output
Audio input jack	L-IN	White	Auxiliary left speaker input
	R-IN	Red	Auxiliary right speaker input
Video input jack	R-CAM	Yellow	Back sight camera input
	V-IN	Yellow	Video input
	F-CAM	Brown	Front camera input
Video output jack	V-OUT	Yellow	Video output

## MAIN UNIT OPERATION

### Symbol / Function

### Operations & Controls

RES / RST

Press with a pointed object (such as a ball point) to reset the unit to its initial setting by the factory (default stage).



Bluetooth mode: press to pick up an incoming call; dial out after input a phone number; redial last dial out number.



Press to enter radio mode.



Press to shift screen between MAIN MENU & current operation mode.

M

Press to switch the function, such as from radio mode to USB mode or bluetooth mode.

VOL+ / VOL-

For rotary control version, rotate to adjust sound output level.

IR

Remote control sensor for signal reception from remote handset.

AUX

Insert an external device to this jack in order to have sound output of that external device through the unit.

USB

Insert USB device to this slot for digital files playback.

MICRO SD / SD /

Insert micro SD card to this port for digital files playback.

MINI SD /

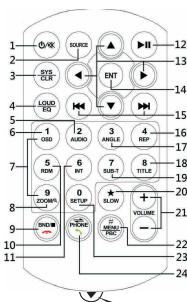


For voice reception under Bluetooth operation.

### Note

The above mentioned symbols / functions / operations & controls show the operations for various version of the unit and may not be equipped or available for control in this unit. Printings and symbols on the above may be varied from the exact main unit. Referred to the main unit for exact functions and features that applied. User is highly recommended to use the touch screen control as well as the remote control handset to operate. Most of the operations of this unit cannot be controlled by the main unit.

## REMOTE HANDSET – GENERAL OPERATION











### BATTERY REPLACEMENT



Refer to the back of remote handset for details on how to replace the battery.

Remove this tab before using the remote handset



<u>NO.</u>	<u>SYMBOL</u>	<u>OPERATION AND CONTROL MODES</u>
1.		When the unit is turned off, press to turn the unit on. When the unit is on, press and hold to turn the unit off.
		During unit operation, press to mute or unmute sound output.
2.	SOURCE	Press repeatedly to select the desired mode for operation.
3.	SYS/CTR	<u>Bluetooth Mode</u> Press to erase an inputted number.
4.	EQ	Press repeatedly to select the desired preset equalization mode.
	LOUD	Press and hold briefly to turn the loudness control on or off.
5.	AUDIO	<u>Video and Music Playback Mode</u> Press and hold briefly each time to select different audio output channels. (Note: Available on input devices or media files recorded with different output channels. Not available in Bluetooth mode.)
6.	OSD	In media playback mode, press to display the contents of the playback details on screen. (Note: Not available in music playback mode.)
7.	1 – 6	<u>Radio Mode</u> Press any of the number keys, 1-6, to select a station that has been stored in the preset memory of that number key. Briefly press and hold a number key, 1-6, to store the station that is currently playing into the preset memory of that key.
	0 – 9	<u>Disc/USB/SD/iPod Input Mode</u> Press to directly input the desired track number for playback.
		<u>BLUETOOTH Mode</u> Press to directly input a phone number for dial out.
		<u>TV Mode</u> Press to directly input memorized channel numbers.
		<u>Disc/USB/SD Input Mode</u> During video and photo playback, press and hold briefly to zoom in and out of the screen.
8.	ZOOM	<u>Radio Mode</u> Press to start scanning all of the preset memory stations, stopping at each for brief broadcasting.
		Press and hold briefly to start searching the frequency and storing the stations with the strongest signals into the preset memory stations (there is a total of 20 preset stations on each radio band). After storing the stations, the unit will begin scanning all of the preset stations and briefly play each.
		<u>TV Mode</u> Press to start scanning all of the preset memory channels and play each briefly.
		<u>Radio Mode</u> Press repeatedly to select the desired radio band for rebroadcasting.
9.	BND	<u>Disc/USB/SD Input Mode</u> During video playback mode under disc input, press to stop playback. During music/photo playback mode under disc input and playback mode under USB/SD input, touch to temporarily stop playback. Normal playback will resume after a few seconds.
		

- BLUETOOTH Mode  
Press to hang up or refuse an incoming call.
- Disc/USB/SD Input Mode  
Press and hold briefly to turn random playback of the input device on or off.
10. RDM Music Playback Mode  
Press and hold briefly to turn intro-broadcasting of the input device on or off. (Note: Not available in Bluetooth mode.)
11. INT Disc/USB/SD Input Mode and Bluetooth Mode  
Press to pause, resume, or start playback.
12.  DVD Mode  
On the DVD menu/title display, press to select the desired setting/setup and press "ENT" to confirm.
13.  Folder / Playlist Mode  
On the folder/playlist display in media playback mode, press to shift the page up or down.
- Photo Playback Mode  
Press to rotate photo position or show up-down, left-right mirror image.
14. ENT DVD Mode  
On the DVD menu/title display, press  to select the desired setting/setup and press "ENT" to confirm.
15.  Radio Mode  
Press repeatedly to fine tune the radio frequency up or down. Press and hold briefly to tune the radio frequency to a higher or lower station.
- Disc / USB / SD Input Mode (Playback Mode)  
Press repeatedly to shift to the previous or next track. Press and hold briefly to activate fast-forward/rewind mode. In this mode, press repeatedly to select various fast-forward or rewind speeds. (Note: Not available during photo playback mode.)
- TV Mode  
Press to shift to the previous or next TV channel. Press and hold briefly to shift up or down through channels.
16. REP In playback mode under disc/USB/SD input, briefly press and hold to activate various repeat playback settings.
17. ANGLE In video playback mode, press and hold briefly to view angle changes in sequential order (available on media files recorded with this feature).
18. TITLE Radio Mode  
Press to select stereo (ST) or mono mode on the FM radio band. When a stereo signal is received in stereo mode, an indicator will appear on screen. There is no indicator for mono mode.
- DVD Mode  
Press and hold briefly to display the on-screen menu of the entire disc. Playback will resume after a while.

19. SUB-T Video Playback Mode  
Press and hold briefly to select different subtitles that are recorded in the input device or media files. (Note: Available on input devices or media files recorded with subtitles.)  
Radio Mode  
On the FM radio band, press to select the local (LOC) setting to receive stations with strong signals. Select the distant setting to receive stations with weak signals. (Note: LOC appears on the screen when the local setting is on. There is no indicator for the distant setting.)
20. SLOW Video Playback Mode  
Press and hold briefly to select different slow-motion speeds. that
21. VOL + / VOL - Press repeatedly, or press and hold, to adjust the sound output level.
22. MENU / PBC DVD Mode  
Press and hold briefly to the disc menu on screen. Playback will resume after a while.  
VCD Mode  
Press and hold briefly to turn PBC playback on or off. In PBC On mode, playback will begin in sequential order.
23. SETUP During unit operation, press and hold briefly to display the setup menu on screen for various system setup options. Press and hold briefly again to return to the previous mode of operation. (Note: System setup cannot be operated by remote control. System setup can only be operated by touchscreen. Refer to ON-SCREEN OPERATION for details.)
24.  Bluetooth Mode  
Press to pick up an incoming call, dial out after inputting a phone number, or redial the last outgoing number.  
 / PHONE Press to shift the conversation between the main unit and mobile phone.

**Note:** Depending on the input devices and playback media files, operation may be varied or not available for operation.

## ON SCREEN – MAIN MENU OPERATION

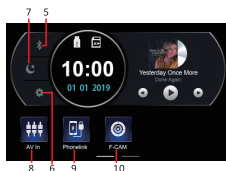


During unit operation and when this icon appeared on screen, touch to shift screen to **MAIN MENU** for selection of various operation or setup modes.

MAIN MENU



MAIN MENU



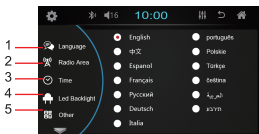
1. Touch to shift screen to **RADIO MENU** to start radio operation.
2. Touch to shift screen to **MUSIC MENU** to start music playback (when device with music files/tracks inserted).
3. Touch to shift screen to **VIDEO MENU** for selection of device for video files/tracks playback (when device with video files/tracks inserted).
4. Touch to shift screen to **PHOTO MENU** for selection of device for photo files/tracks playback (when device with photo files/tracks inserted).
5. Touch to shift screen to **BT MAIN MENU** for Bluetooth operation (when a mobile phone linked up with the unit).
6. Touch to shift screen to **SETTING MENU** for various setting of the unit.
7. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
8. Touch to start auxiliary input operation (when an auxiliary device inserted).
9. Touch to start mobile phone mirror linking operation (when the mobile phone connected to the front USB port).
10. Touch to start viewing front camera (when connected to front camera and pink/black wire).

## ON SCREEN – SETUP OPERATION

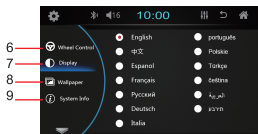


At **MAIN MENU**, touch to shift screen to **SETTING MENU** for various system setup of the unit.

### SETTING MENU



### SETTING MENU



1. Touch to enter system language setup. At this mode, touch repeatedly the arrow to select the desired system language on screen.
2. Touch to enter radio frequency setup. At this mode, touch repeatedly the arrow to select the radio frequency range that suits the country or area located.
3. Touch to enter TIME SETUP MENU for time control setting.
4. Touch to enter Led back light setup.
5. Touch to enter production information/screen calibration setup as shown.
6. Touch to enter steering wheel control setup. At this mode, touch the arrow to activate STEERING WHEEL CONTROL MENU for setting up of steering wheel control. The steering wheel control wires – grey & green as well as the ground wire should be connected.
7. Touch to enter backlight illumination setup. At this mode, touch repeatedly the arrow to select the illumination colour of the unit.
8. Touch to enter background setup. At this mode, touch repeatedly the arrow to select the background theme of the unit.
9. Touch to enter system Info.

## ON SCREEN – RADIO OPERATION



At **MAIN MENU**, touch to shift screen to **RADIO MENU** for radio operation.



1. Touch to start intro broadcasting of the preset memory radio stations for a few seconds.
2. Touch to turn RDS operation on or off.
3. Touch to tune the radio frequency to upward or downward station for broadcasting.  
Touch & hold shortly to activate manual tuning mode. At this mode, touch repeatedly to fine tune radio frequency upward or downward.
4. Touch the desired preset station to start broadcasting.  
Touch & hold shortly the desired preset station can store the current broadcasting station (frequency) into that station.
5. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
6. Touch to activate AUDIO SETUP MENU for various audio control setting.

## ON SCREEN – BLUETOOTH OPERATION

### LINK UP WITH MOBILE PHONE

To linkup Bluetooth connection with the mobile phone, take your phone and follow the steps:

- set the mobile phone to Bluetooth state
- start to search new device
- after searched, new device (CAMDEN 450 or similar) searched out, confirm the search
- in case of need, input default code "0000" or "8888" in the mobile phone
- at the same time, Bluetooth icon on screen will be highlighted
- connection succeeded and you can start using Bluetooth function



At **MAIN MENU**, touch to shift screen to **BT MAIN MENU** for Bluetooth operation (when a mobile phone has been linked up with the unit).

**BT MAIN MENU**



**BT MUSIC MENU**



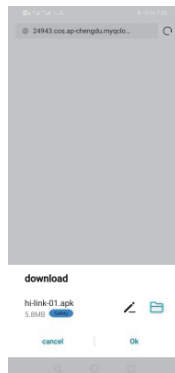
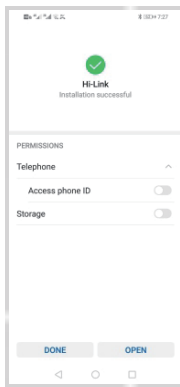
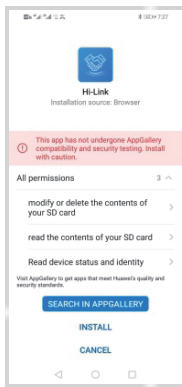
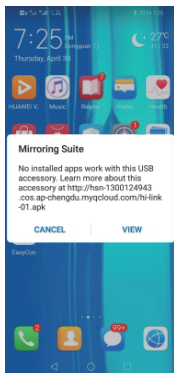
1. Touch to shift to **BT MAIN MENU** for dial out of phone.
2. Touch to shift to **BT RECORD MENU** to show the record on incoming calls / dial out numbers / missing calls of the connected mobile phone.
3. Touch to shift to **BT PHONE BOOK MENU** to show the phone book of the connected mobile phone.
4. Touch to shift to **BT MUSIC MENU** for transmission of music playback from the connected mobile phone.
5. Touch to hang up or refuse an incoming call.
6. Touch to shift conversation between mobile phone & Bluetooth of the unit.
7. Touch to dial out after input the phone number or redial when no phone number input
8. Touch to shift to previous / next track for playback.
9. Touch to start / pause / resume playback.
10. Touch to input the phone number.

## ON SCREEN - PHONE MIRROR LINK OPERATION



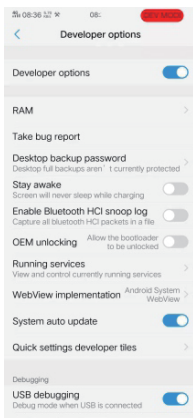
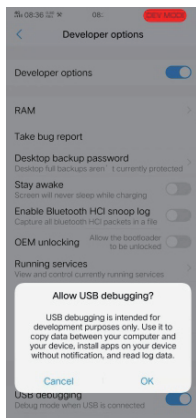
Connect the android phone with a original USB cable, the stereo will request you to download a APK "📄", after installed the Hi-Link on your android mobile phone, you can make the mirror cast operation.

Please follow below instruction to install APP on mobile phone, or you can use android phone download the Hi-Link APK first by the download link"<https://hsn-1300124943.cos.ap-chengdu.myqcloud.com/hi-link.apk>"



### CONNECT PHONE:

- 1.OPEN USB DEBUGGING
- 2.CONNECT USB LINE



### Set the phone correctly:

- SETTINGS/menu/DEVELOPER OPPORTUNITIES /USB TROUBLESHOOTING/USB CONNECTION:

### ON

- Below the previous menu item:USB TROUBLESHOOTING RELEVANT PERMITS:ON

For iPhone, no need to download this APK,connect the iPhone and stereo by cable,then can mirror link successfully.



## **SPECIFICATION**

### **GENERAL**

Power Requirement:	DC 12 Volts, negative ground
Load Impedance:	4 Ohms
Maximum Power Output:	30 watts x 4 (RMS)
Tone Control – Bass (at 100 Hz)	+/- 8 dB
Treble (at 10 KHz)	+/- 8 dB

### **FM RADIO SECTION**

Frequency Range	87.5 – 107.9 MHz
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### **AM RADIO SECTION**

Frequency Range	530-1710 KHz
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### **VIDEO SECTION**

Video System:	PAL / NTSC
Video Output Level:	1.0Vp-p 75 Ohms
Horizontal Resolution:	500

### **BLUETOOTH SECTION**

Communication type:	V2.1
Maximum Distance:	5 meters

### **AUDIO SECTION**

Maximum Output Level:	2 Vrms (+/-3 dB)
Frequency Response:	20 Hz to 20 KHz
Signal to Noise Ratio:	85 dB
Channel Separation:	80 dB

Note: Specification and design; functions and features; unit illumination; colour and display segment are subject to change without prior notice. Photos and drawings on gift box or operation manual might be varied from the exact unit. Depends on the input devices, operation might be varied from the operation manual described.

## **SIMPLE TROUBLE SHOOTING**

<b>PROBLEMS, CAUSES &amp; SOLUTIONS</b>
<b>No power</b> <ul style="list-style-type: none"><li>- Check and make sure the connecting wires are connected correctly</li><li>- Check whether the fuse is blown. Replace with the proper value fuse if necessary.</li></ul>
<b>No sound</b> <ul style="list-style-type: none"><li>- Check and make sure the speaker wires are connected correctly.</li></ul>
<b>No picture</b> <ul style="list-style-type: none"><li>- Check whether the video wire is connected to the video device.</li></ul>
<b>Unit hang-up</b> <ul style="list-style-type: none"><li>- Reset the unit to its default stage.</li></ul>
<b>No function when pressing the buttons or TFT screen</b> <ul style="list-style-type: none"><li>- Reset the unit to its default stage.</li></ul>
<b>Poor effect or unable to receive radio</b> <ul style="list-style-type: none"><li>- Check whether the radio antenna is inserted or properly connected.</li><li>- Antenna may not be the proper length. Make sure the antenna is fully extended.</li><li>- Antenna may be poorly grounded. Check and make sure the antenna is properly grounded.</li></ul>
<b>Stereo cannot be received under radio mode</b> <ul style="list-style-type: none"><li>- Tune the radio frequency accurately.</li><li>- The broadcasting signal is too weak, set the mode to MONO.</li></ul>
<b>Remote handset does not work</b> <ul style="list-style-type: none"><li>- Replace new battery of the remote handset.</li><li>- Point the remote handset directly at the remote sensor of the main unit.</li><li>- Clean the surface of the remote sensor.</li></ul>
<b>Bluetooth not operated</b> <ul style="list-style-type: none"><li>- check the devices are linked up correctly.</li></ul>




















### **Note**

After the above efforts, if the unit still cannot be worked normally, consult your service dealer. Never attempt to disassemble the unit by yourself. No service part inside the unit.






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CAMDEN 450

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 **WARNING: Cancer and Reproductive Harm**  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)