



# ACK Series

## WiFi Android Multimedia Station

### User Manual



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## PRECAUTIONS



### IMPORTANT

To ensure proper use, please read through this manual before using this product. It is especially important that you read and observe WARNINGS and CAUTIONS in this manual. Please keep the manual in a safe and accessible place for future reference.

### WARNINGS: (To prevent accidents and damage)

**DO NOT** install any unit or wire any cable in a location where:

- It may obstruct the steering wheel and gearshift lever operations.
- It may obstruct the operation of safety devices such as air bags.
- It may obstruct visibility.

**DO NOT** operate the unit while driving.

- If you need to operate the unit while driving, be sure to look around carefully.
- The driver must not watch the monitor while driving.

### CAUTION



#### For safety

- Do not raise the volume level too much, as this will make driving dangerous by blocking outside sounds, and may cause hearing loss.
- Stop the car before performing any complicated operations.

#### For a longer service life, be sure to read the following cautions:

- If you have parked the car for a longtime in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.
- Do not disassemble or modify the set in any way. Doing so may result in damage.
- If a problem should occur, have the set inspected at your store of purchase
- Small black and shiny spots inside the liquid crystal panel are normal for LCD products.

## **FCC WARNING**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **RF Exposure Statement**

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

## I. Introduction



ASUKA ACK series is a high performance and highly integrated Android head-unit towards in-car entertainment, information applications and various peripherals integration. Furthermore, this new series of head unit starts to support ASUKA proprietary health care assistance app to keep you well-informed on weather and environment conditions, even the in-cabin CO<sup>2</sup> & PM2.5 sensor accessories are available for your demands to detect air quality and purify the harmful air in the car; it brings users much more entertainment options & contents than ever.

### Product Overview

#### ASUKA ACK series Wi-Fi Android Multimedia Station

- ASUKA exclusively developed smart widgets displayed on main screen.
- Multiple screen wallpaper available for personal choice.
- ASUKA proprietary health care app keeps you well-informed on the weather and environment conditions.
- User-defined user interface to fit personal preference
- Quick response with high performance ARM A75 based 8-core CPU.
- Equipped with best-in-class HD resolution QLED display.
- Built-in high-capacity memory.

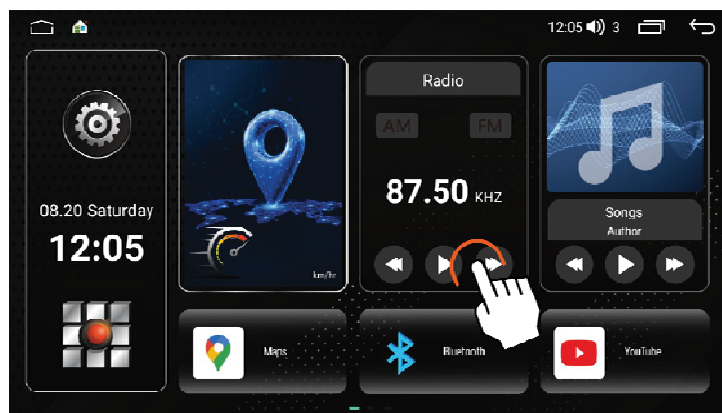
## II. Quick Start Guide

### II.1 Turning the Power On

1. Turn on the ACC (or IGN) of the vehicles.
2. When the head unit activated, you will see a startup screen before the home screen is shown.



3. Now you can touch any icon on the screen to activate the corresponding function.



## II.2 User Interface Introduction

### ■ Button functions:

- There are five touch keys. Their functions are explained in orange text as shown below.



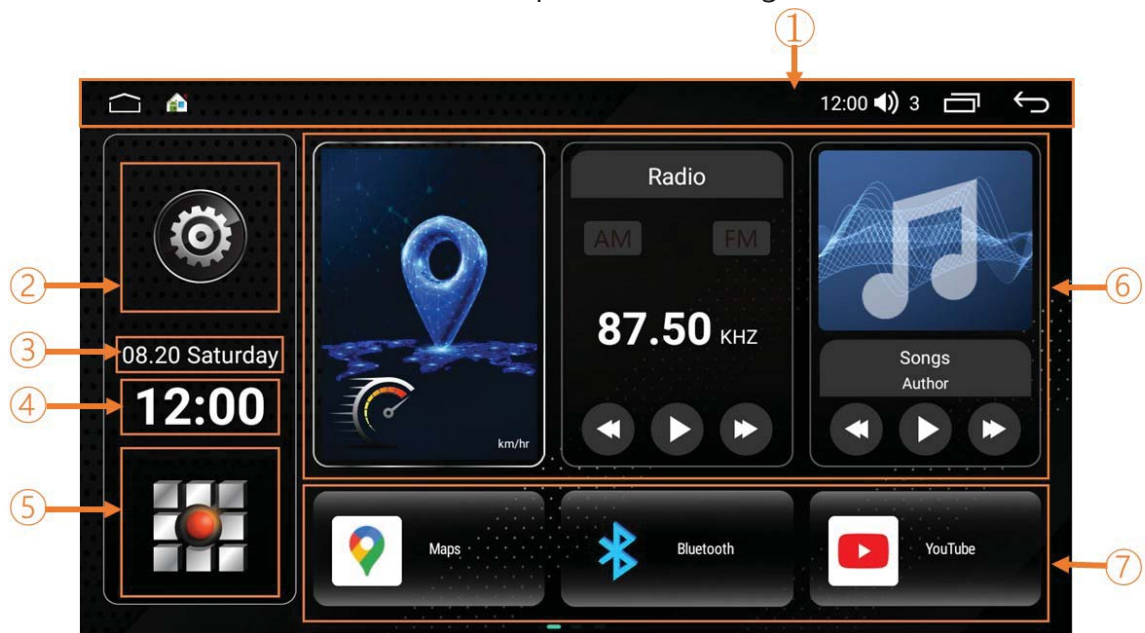
- ①Power Standby②HOME
- ③Back④Volume Up
- ⑤Volume Down

### ■ Home Screen

- The main menu is partitioned into 3 different regions. The top region provides 3 seats with much larger space for the widgets to show those most favorite functions. Underneath is the region for common use, comprising with 3 seats on the main page.
- Swipe to the next page, it' s the secondary main page to show ASUKA health care assistance widget and more selected apps.



- On the left-bottom corner is the gateway leading to all REMAINING apps available in this device.
- Functions of the user interface are explained in orange text as below.



① Status bar                      ② Settings

③ Week and date                ④ Time

⑤ Apps overview ⑥ Partition for favorite 3 main functions

⑦ Partition for commonly used functions



## II.3 Basic Operations

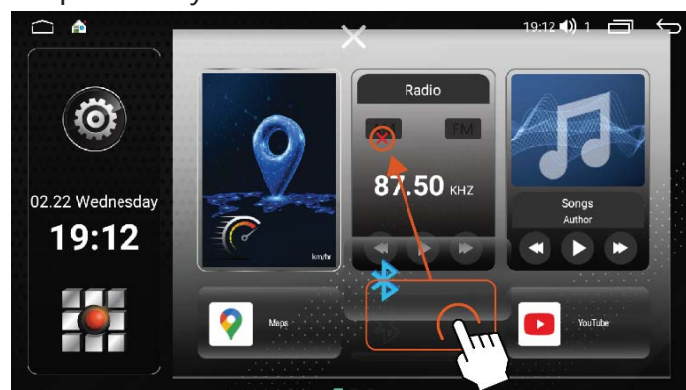
### Tap

- To select and activate an App, simply press the targeted icon and release it. The selected app will then be executed accordingly.



### Drag and Drop

- Touch the screen and keep your finger in place until display changes allow you to drag the icon to the position you want it to be.





### Swipe

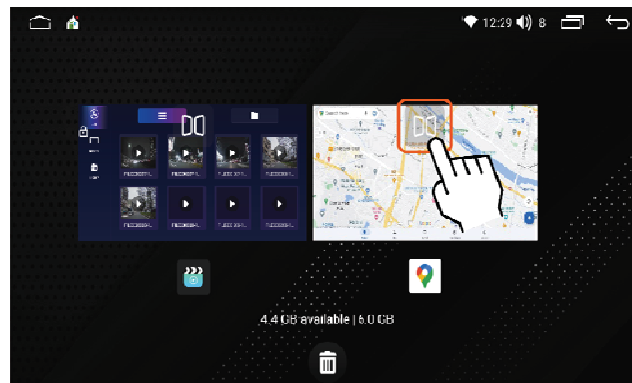
- Swipe your finger left or right on the screen to change the page.
- Swipe your finger up or down on the screen to scroll the screen.



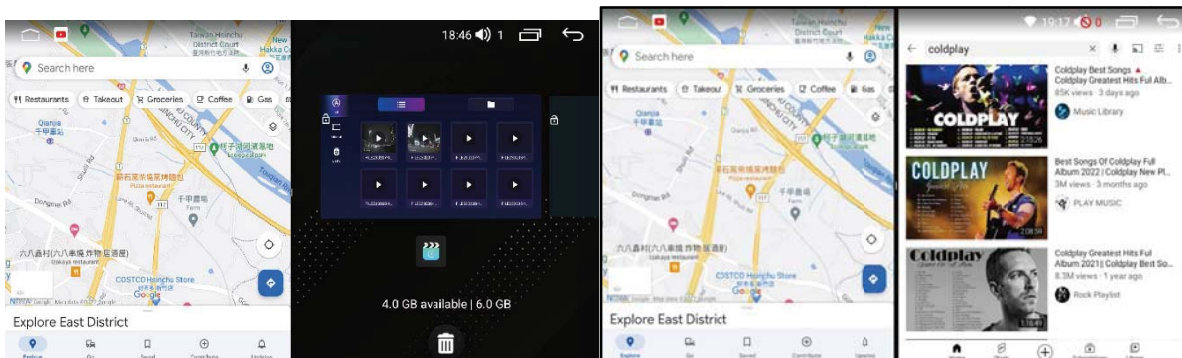
## II.4 Split-Screen Operation

Split-screen function allows the device to **operate and to view 2 different apps simultaneously** on the same screen. This is particularly useful when, for example, using Google Map navigation while listening streaming music from YouTube.

1. Press  located on the status bar. A list of all ACTIVE apps will appear now.
2. Browse and tap the  on desired app. The selected app will show on LEFT part of split-screen mode.



3. Browse and tap another selected app to the RIGHT part of split-screen mode. The resulting screen will appear as follows:

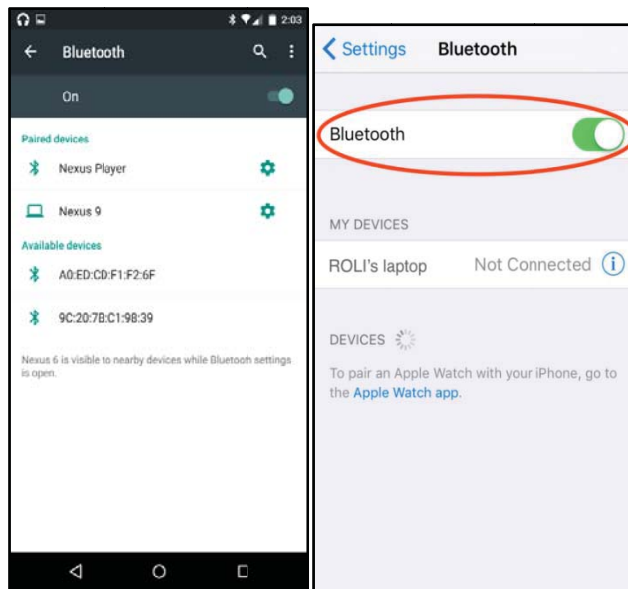


【 example of split-screen 】

### III. Bluetooth


#### III.1 Connect to Bluetooth

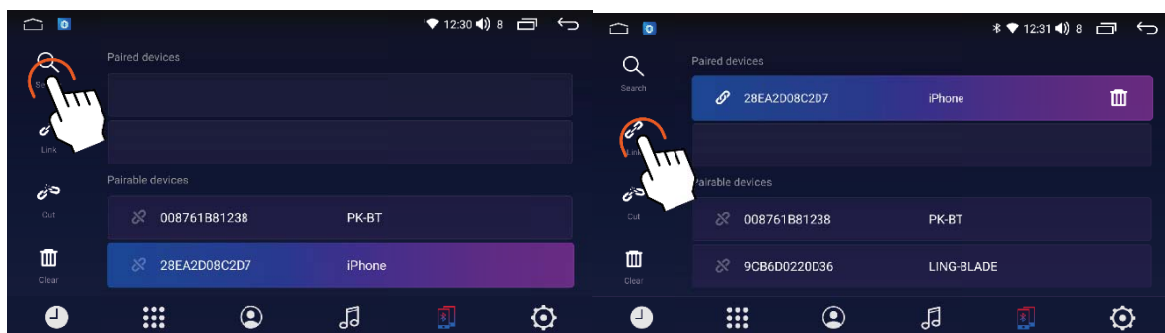
1. Turn on the Bluetooth function of your mobile devices.




Android

iOS Devices

2. Select "Bluetooth" app to show Bluetooth screen. Press  "search" icon to search for mobile phone devices nearby.
3. Select your mobile phone and press "pair" icon.

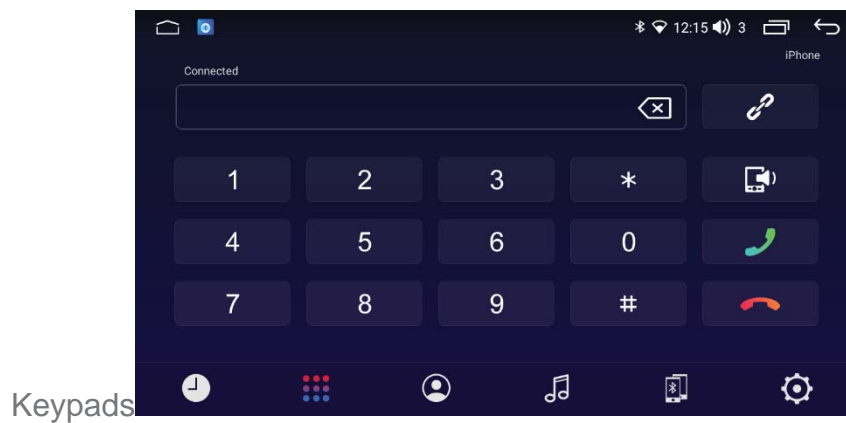


4. Press OK if there is the authorization dialogue showing on your mobile phone.
5. When the mobile device is paired with CK head unit successfully, the indicator  on the screen will show up.

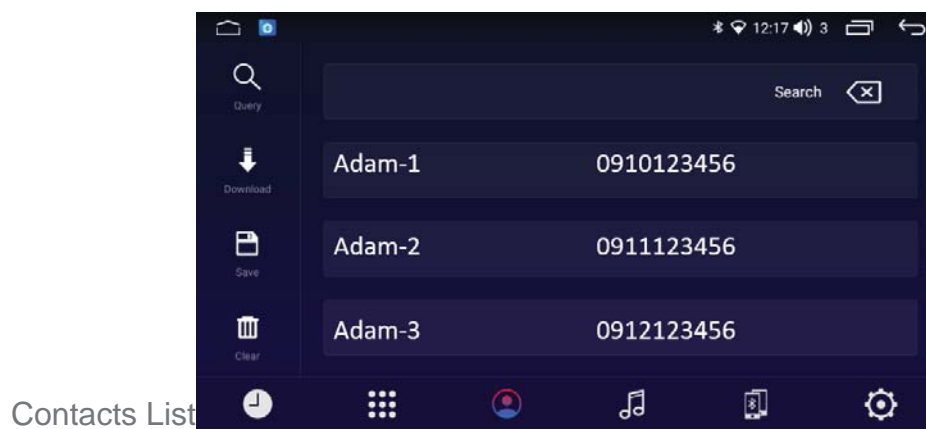
### III.2Bluetooth Dialing

Dial out using keypads and contact list.

#### Option 1

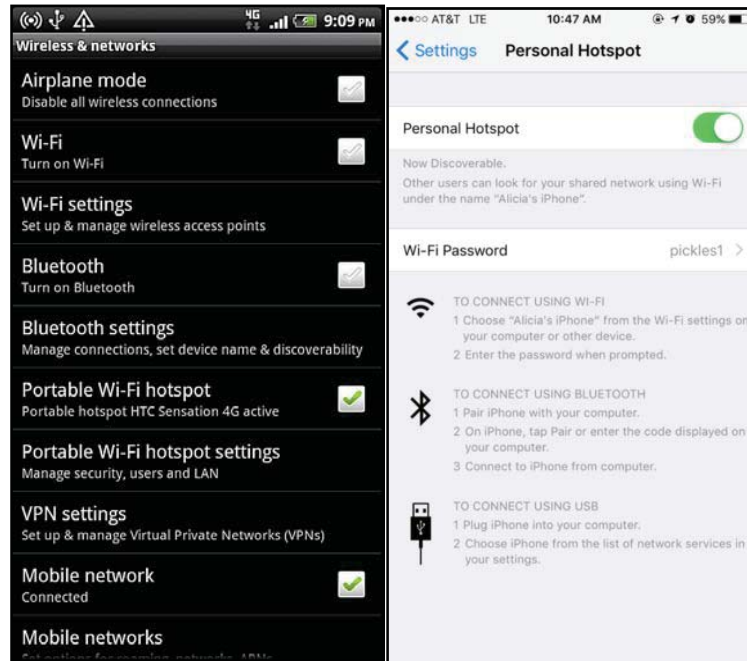


#### Option 2



## IV. Wi-Fi Hotspot sharing for Internet Access

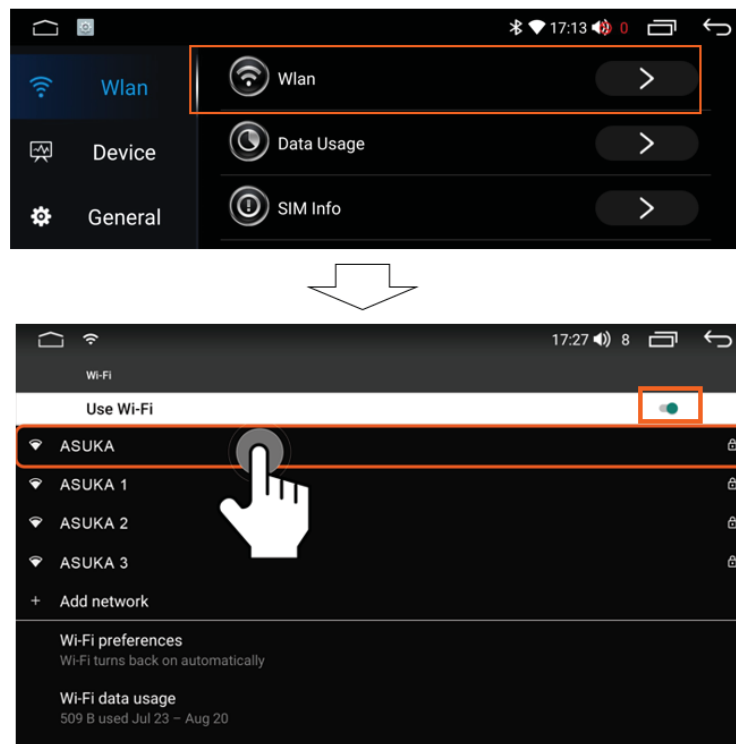
1. Turn on the hotspot of your mobile device.



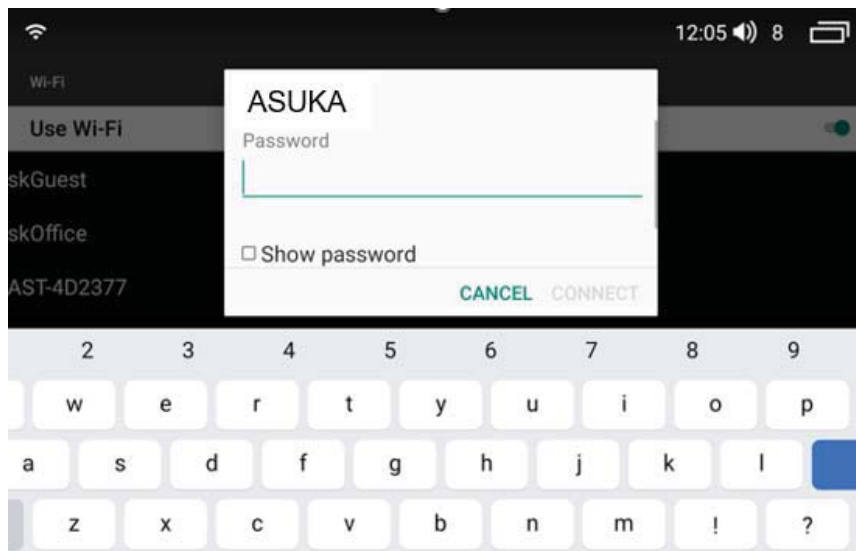
Android(example)

iOS Devices(example)

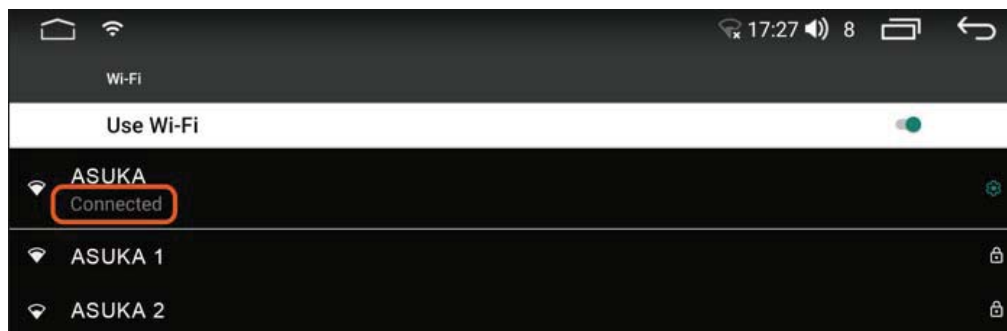
2. Select "Wlan" under "Settings" and switch on "Use Wi-Fi" .



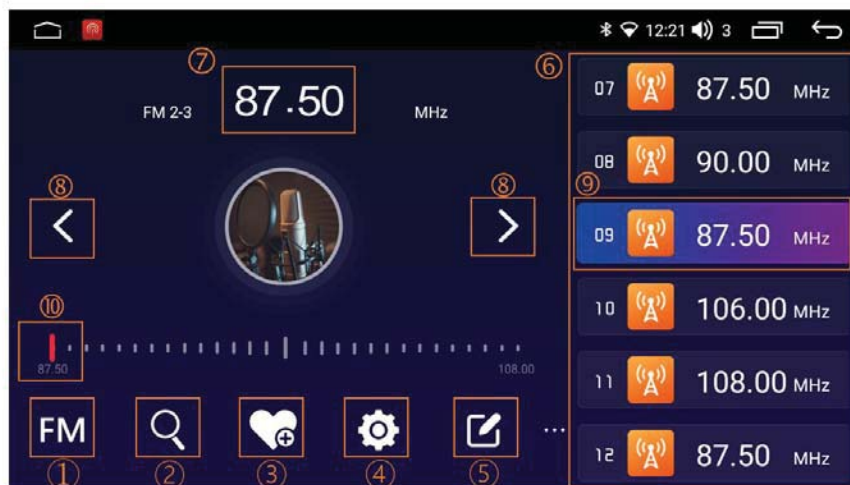
- Headunit will scan and list the available WiFi hotspots. Select the hotspot of your mobile device and enter password.



- The message "Connected" will show below the hotspot name once Wi-Fi is connected.



## V. Radio



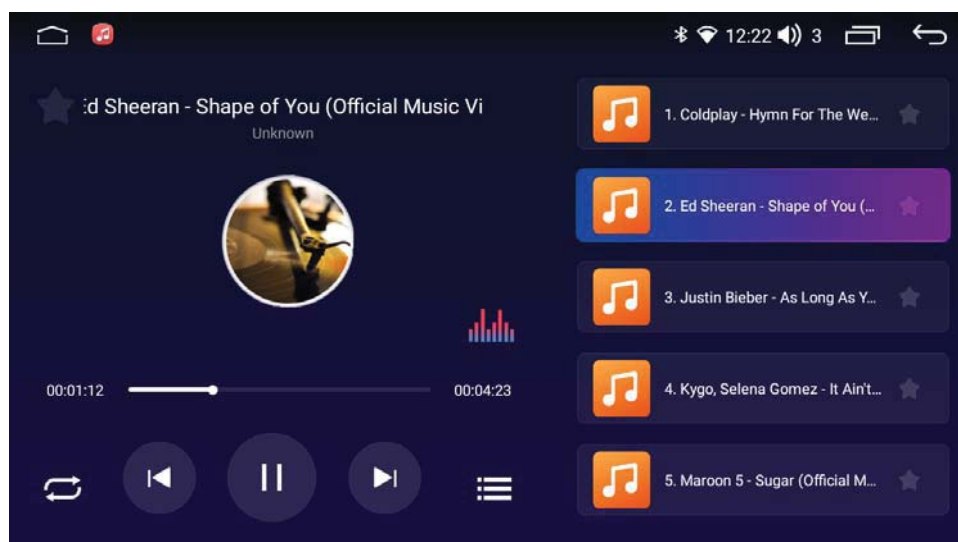
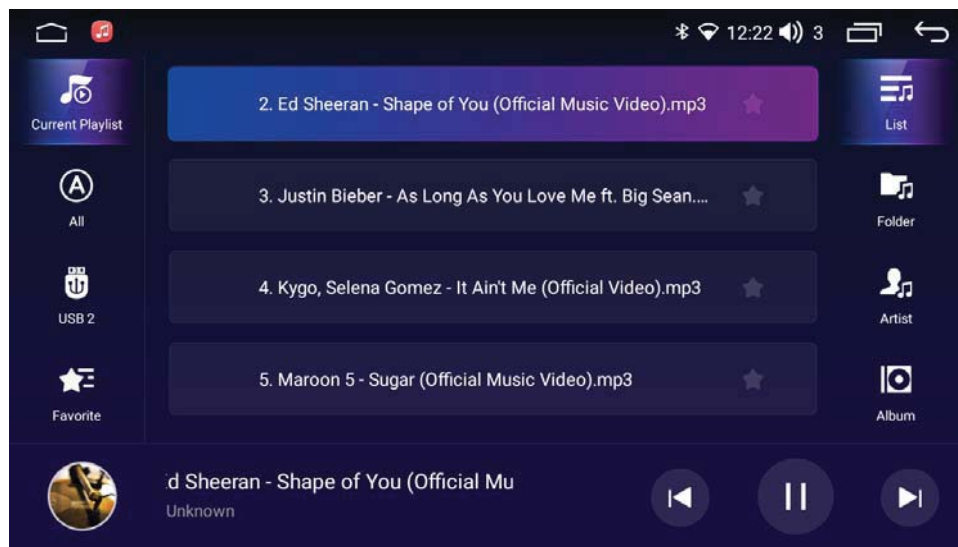
1. FM and AM radio switch.
2. Press to start channel searching.
3. Add the favorite channels.
4. Setting.
5. Give description to the selected channel.
6. List of channels found (Preset List).
7. Display the current frequency.
8. Manually tune forward and backward. Tap to fine tune and press to quickly search closest channel.
9. Tap to play the channel. Long press to set channel being playing as favorite one.
10. Swipe the red cursor to the target of frequency.

## VI. Music

There are two options to choose to play music:[USB Music] and [BT Music]


### Option 1 : [USB Music]

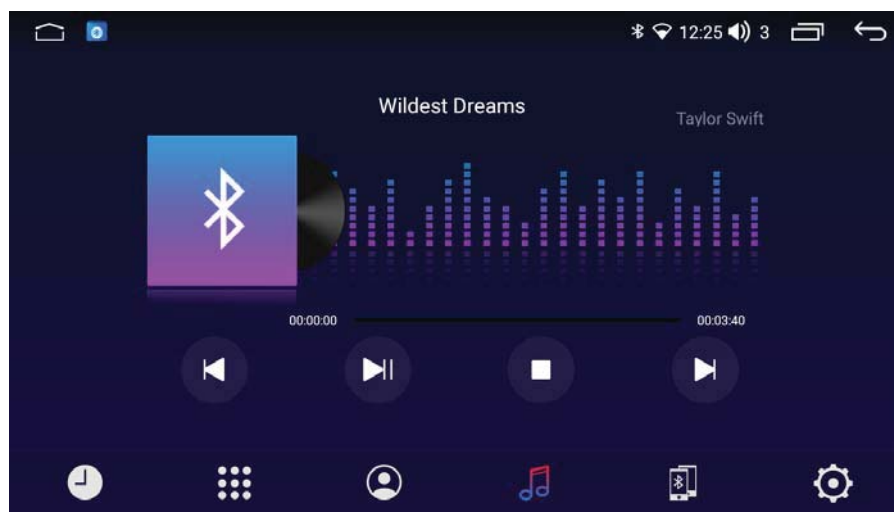
1. Plug your USB to head unit. Press “Music” function and select the USB folder.
2. Music player screen will list the saved music files.
3. Select the file to play.






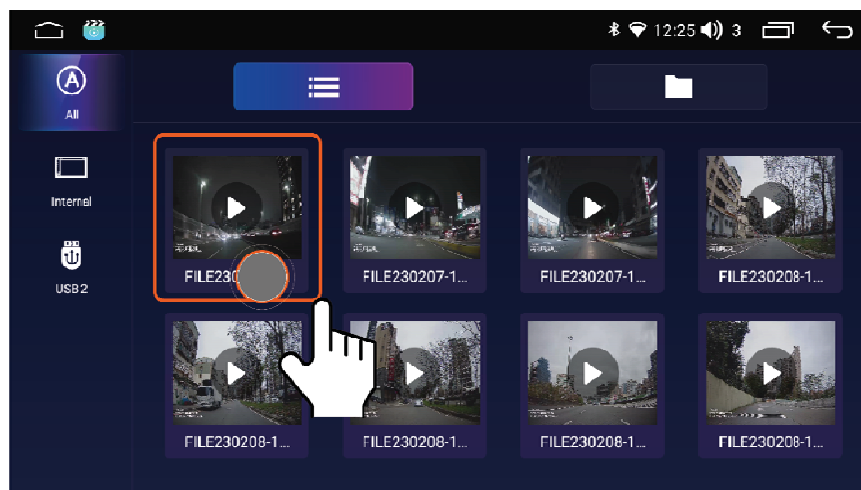
## Option 2 : Listen to Music by Bluetooth

1. Before selecting Bluetooth music, pair CK to your mobile device. [See Page10]
2. Select Bluetooth App to enter bluetooth screen. Press  to enjoy bluetooth music.



## VII. Video

1. Press video app  to enter video player screen.
2. Select the folder saved with your favorite video files. The screen will show the preview of available video files.
3. Click the selected file to play.

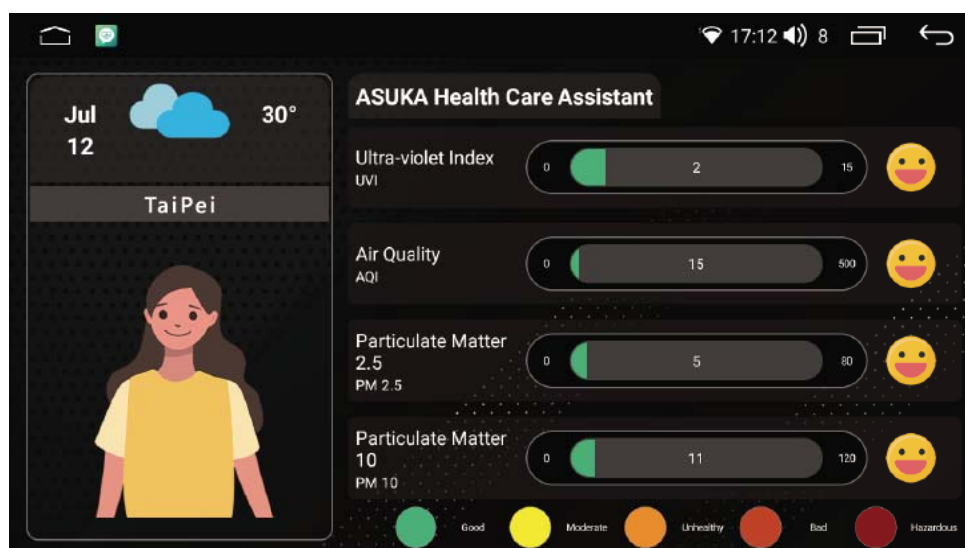


## VIII. ASUKA Health Care Assistance

ACK is equipped with the exclusively developed application called the ASUKA Health Care Assistance. It can communicate with the official data of the Meteorological Bureau and show the environmental data on the screen. It provides the infrared index and air quality around your driving environment, reminding you to take proper protection.

In addition, this application can also provide CO2 fatigue index warning function and the PM 2.5 harmful air index through extension devices to detect the CO2 and PM 2.5 concentration in the car. The CO2 fatigue detection function will remind to switch on the air circulation outside the car to avoid the danger of driving due to physical fatigue caused by excessive CO2 concentration. As for PM 2.5 detection function, it will enable the PM 2.5 purifier on the extension device once the PM2.5 concentration is high in the car.

(The CO2 fatigue function and PM 2.5 purifier function need to purchase additional detectors, please contact the dealer store or ask ASUKA customer service)




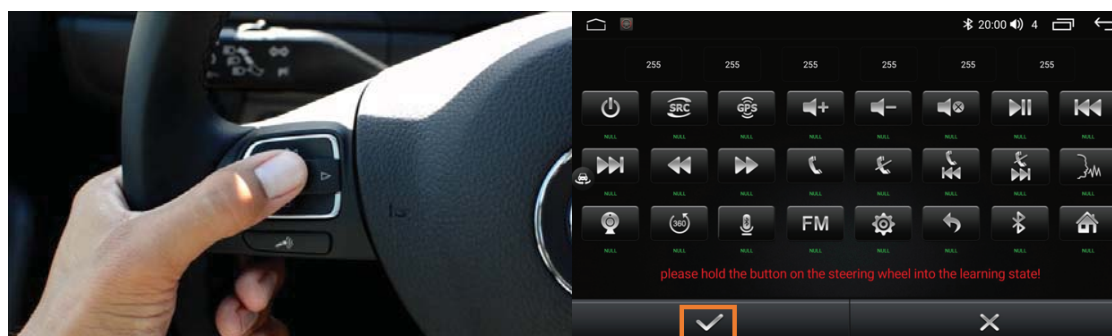
## IX. Steering Wheel Controls (SWC)

Steering wheel controls (SWC) allow drivers to keep their eyes on the road. Before pairing the SWC buttons, please make sure the harness is well connected for SWC signal communication. The step for SWC button pairing is described as below:

Step 1: Select the SWC app  to enter SWC pairing screen.



Step 2: Press and hold the corresponding button on the steering wheel, and then click on the function to be paired on the screen. After successful pairing, the screen will show the information of setting completed. After learning all those buttons you want to pair with, press OK  to save the settings.



Step 3: Once all functions have been set, exit the SWC interface and back to Home screen

Step 4: Double check if programming was successful by pressing the VOL+ and VOL – on the steering wheel to test.

## X. Reference

### XII.1 Maintenance

- Do not use any solvent (for example, thinner, benzene, etc.), detergent, or insecticide. This may damage the monitor or the unit.
- Cleaning the Liquid Crystal Display Screen:
  - The liquid crystal display screen tends to collect dust, so wipe it off occasionally with a soft cloth. The surface is easily scratched, so do not rub it with hard objects.



### XII.2 Troubleshooting

What appears to be trouble is not always serious.  
Check the following points before calling dealers/ASUKA.



#### ■ General

#### (1) No sound comes out of the speakers.

- Adjust the volume to the higher level.
- Check the cords and connections.

#### (2) No picture is displayed on the screen.

- Check if the power is turned on
- Touch the screen to activate the back light of screen.

#### (3) Playback does not start.

- The format of video or music files is not supported by the unit.

#### ■ USB

#### (1) "Reading" does not disappear from the screen.

- Turn the power off and on again.

#### (2) While playing a track, sound is sometimes interrupted.

- The tracks are not properly copied into the USB device. Copy the tracks again, and try to play again.

## XI. Customer Service

### **ASUKA Indonesia**

- Email: [sales@asuka-autotronics.com](mailto:sales@asuka-autotronics.com)
- Website: <http://www.asuka-autotronics.com>

Thanks for your support; we hope you enjoy our product.