HSAE 航盛

科 技 领 航　　盛 行 天 下

User Manual for Radio,2nd Display

HSAE

In order to avoid violating traffic rules, driver must not watch and operate the product when driving to avoid having traffic accident.
System Language support:
Japanese (for Japan)
English (for EU/USA)
German, Portuguese, Netherlands(For EU)

Please be sure to read this manual carefully in order to make you be better and keep your safety when using the product. And advise to assemble this product by auto sound career man.
The product works under 12V vehicle-mounted power system and must have a ground wire.
Please do not assemble this product into 24V or other higher horsepower trucks.
Please do not change power fuse or use some underserved power fuse without career man's guide.
Otherwise the product will be damaged and cause fire alarm.
The product adopts precise electronic structure. So please do not use sharp objects or hit forcefully on screen. Otherwise it will be damaged.
In order to avoid violating traffic rules, driver must not watch and operate the product when driving to avoid having traffic accident.
In order to use the product safely and normally, let career man help you to assemble this product who sales to you. Must not take off the product in order to avoid damaging the machine or other accidents. Consult local auto sound store for detail information.
Please avoid to place the product into wet environment or water in order to avoid electric shock, damage and fire alarm caused by short circuit.
Hint: Please shut the truck off and cut off the battery because assembling in order to avoid encountering short circuit.

● Start up and shut down

When you turn the key to ACC state, the system starts up with the corresponding logo (Vehicle eCanter: eCANTER/Vehicle TF: CANTER)

You can use the system after home screen appears.

Caution screen

Caution screen is displayed after the logo screen automatically.

Proceed to Home screen by following:

- 6sec timeout without operation
- Press "Accept" on caution screen
- Short press power button
- Short press home button on panel key

When you turn key from ACC to OFF state, the product shuts down simultaneously.

● Volume Adjustment

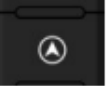Rotate power button ' ' to tune volume when audio output is active. The volume control limit is 0-40.

● Touch Screen Operation

The display is capacitive touch screen.

Please pay attention to the protection in use.

Do not touch screen with sharp objects, keep screen clean and if there is any water or oil on your fingers or on screen, the screen may behave abnormally.

HSAE

- Back button details

⌂ Home Screen

◉ Navigation application

((•)) Radio

↩ Back: (Refer to next page for details)
- Back to upper level page
- Back to previous App
- Back to Home

[Vol+]	Turn right
[Vol-]	Turn left
[Mute]	Short press
	then short press to recover
[Screen off]	Long press for 1sec
	then short press to recover
[Reboot]	Long press for 10sec

Hint: "Truck Info" icon is available only in eCanter.

Previously used function	Function in use	Behavior when the Back button is pressed
HOME	Other than the top level of the App in use	Back to previous level of the current App (*1)(*2)(*3)
HOME	The top level of the App in use	Back to HOME (*1)(*2)
HOME	HOME	HOME
Other Apps	Other than the top level of the App in use	Back to previous level of the current App (*1)(*2)(*3)
Other Apps	The top level of Navi App	Back to previous App (the last hierarchy displayed in the previous App) (*1)(*2)
Other Apps	The top level of App (except Navi App)	Back to HOME (*1)

Exception:
(*1) When a popup shows on screen, pressing Back button will close the popup.
(*2) In the case of Navi App for JP model, Navi App will be closed and return to "Previously used function" by following operation.
   After pressing Back button, A popup will appear asking "Close Navi App?". And then press "Yes".
(*3) In the case of Navi App for EU/US model, Navi App will be closed and return to "Previously used function".
   EU model:
   1. In Navi -> Options and all lower levels
   2. In Navi -> Dest. and all lower levels
   3. In Preference -> Navigation Setting and all lower levels
   US model:
   1. In Navi -> Menu and all lower levels
   2. In Preference -> Navigation Setting and all lower levels

Hint: There are only two apps that can be memorized. On the first level of previously used others App, pressing the Back button will always return to the home screen.

Example:
1. HOME ⇒ Truckinfo ⇒ Radio ⇒ Navi
   Pressing the Back button: Navi ⇒ Radio ⇒ Home
2. HOME ⇒ Radio ⇒ Navi ⇒ Radio ⇒ Navi
   Pressing the Back button: Navi ⇒ Radio ⇒ Home

4. Steering Switch Operation
This system supports following operation through steering switch control.
☐ Vol Up
☐ Vol Down
☐ Mute On/Off
☐ Phone Pick up
☐ Phone Hang up

5. Function Operation

- Home Screen

There shows 'Navigation', 'Radio', 'Bluetooth' and 'Truck Info' when first entering home screen.
System time clock locates at the left top. Date and time can be adjustable by touching the clock area.
The media control located at the upper part of the display shows audio mode currently playing.
Swipe the screen to the left and the 2nd page is shown with 'USB Audio' and 'Setting'.
Hint: "Truck Info" is available only in eCanter.

- USB Audio

Touch 'USB Audio' icon on home screen to start USB Audio.
There are 4 buttons at bottom: 'previous', 'play/pause', 'next' and 'play mode'.
Touch song title on the list showing on right side to play.

☐ USB audio can be played by plugging in a USB device containing compatible file formats.
☐ Once plugging in a USB device, playing a music automatically.
☐ Play from the start position of last playing song when ACC-ON.

Compatible file formats in USB device are following:

Overview

USB (Audio)	Device supported	USB 2.0/3.0，FAT16、FAT32、NTFS format
	Volume	2/4/8/16/32/64G be supported
	Files format	MP3(<=48kHz), FLAC(8-192kHz) , Ogg Vorbis(8-192kHz)
	Files and folder	1.8 layers folders(including the root layer)； 2.255 folders； ＊1. 3.2500 files； ＊2. 4.each folder can contain 250 files；
	Play mode ＊3.	1.single repeat； 2.All repeat； 3.All randomly；

＊1. When USB folders is more than 255, android system will stop reading USB drive files after having read 255 folders.

＊2. When there are more than 2500 audio files in USB, Android system will not continue to read USB drive files after reading 2500files.

＊3. Skip the unplayable file and play the next playable one.

＊4. OGG made in codec except OGG Vorbis is not Playable.

Playable format

File extension	Audio decoders	Feature/Profile	Channel	Rate(KHz)
.mp3	MP3	MPEG-1 (Layer-1/ Layer-2/Layer-3) MPEG-2 (Layer-1/ Layer-2/Layer-3) MPEG-2.5 (Layer-3)	stereo/mono	<=48
.flac	FLAC	-	<=7.1	8-192
.ogg	OGG Vorbis ＊4.	-	multiple	8-192

- Radio

You can launch Radio function with touching Radio ICON or pushing Radio button on the front panel.

You can switch radio band between AMs and FMs, select radio frequency, search radio station, save station automatically and manually, etc. in radio function.

Touch < or > ICON to seek to next effective station.

Touch 'FM1', 'FM2', 'FM3','AM1', 'AM2' to switch radio band.

Touch 'Scan' to make a 'pre-scan' to all stations in current band. It will stop 3sec when reaching an effective station and soon go on scanning the remaining stations.

Long-press to preset stations, which means long-press will save the current station in the preset list.

Touch 'Auto.P' to scan all stations in current band and save effective radio stations automatically in preset list.

- Bluetooth

Touch 'Bluetooth' icon on home screen to enter BT function.

There are 4 features at bottom of this page: 'Dial', 'Call History', 'BT Music' and 'BT Setting'.

Hint : Phone book download is not available at this model.

Hint : There might be an issue not to connect your phone, call record, and BT music function since BT compatibility problem.

□ BT setting

You can connect your phone to the system.

Touch " ⁑ " icon for BT setting, then "Devices Search" and select your phone name displayed on screen to connect.

(You can find the system Device Name : FUSO_XXXX from your phone too. please check your phone user manual)

It's only first time operation. Your connected phone is registered on "Paired Devices".

Long press the line of connected device and we can click icon ' to remove that record in history page.

Long Press Paired Device   **Delete Device Connection Hint**

□ BT Dial

Touch " " icon for phone dial menu.

Touch digit key pads to enter phone number and touch " " icon to make a outgoing call.

Touch hang-up button " " to terminate.

Change audio output channel.

Touch " " icon for phone-speak.

Touch " " icon for accessory-speak

BT Call History

Touch " ' icon for Call History menu.
You can download call history when you touch " " icon.

BT music
Touch "Bluetooth" icon on home screen. Select icon " " to enter BT music.
You can control 'play', 'pause', 'previous', 'next' functions while playing music in your phone.
Hint: The action of pressing ''previous' or 'next' button depends on the BT device connected.

- Setting
Touch "Setting" icon on home screen to enter into setting page.
There are 'Time Setting', 'Sound Setting', 'Display Setting', 'Versions' and 'Camera Installation' in this menu.
Hint : Language setting is only available at EU model.
Hint : Do not turn off +B power within 5 seconds after changing the setting.

Language (EUR Market Only)
You can choose language (English, Portuguese, German, Dutch)

You can choose whether the camera is connected or not.
Please check next page for details.

Hint: The default is "Not installed". Use "Not Installed" when not connecting back camera hardware.

Rear view display function
If you select "installed" mode in "Setting">"Camera Installation" menu, you can see the camera
screen when the shift position changed to R.

Any display modes

Change shift lever "Reverse"

In "installed" mode, if no camera is connected and no camera image is input to the system, a black screen with red icon will be displayed.

If you select "Not installed" mode, the camera screen will not be visible even if you change the shift position to R.

Hint: There is no function to display guidelines.
Caution: Check the safety around you with your own eyes.
This system supports DC 12V power supply for external camera device.
Camera must be CVBS format(NTSC or PAL).
Please ask dealership how to connect.
This system is not capable to change scale and flip the other end.

- ADAS-MUTE function
While ADAS alert is active, music, radio and navigation volumes are muted automatically until ADAS alert is ended. BT phone is still available during ADAS alert. Mute by ADAS alert cannot be manually cancelled. You must wait for end of ADAS alert. Then original volume on the function is restored.
If user mutes manually and then ADAS alert becomes active, the mute cannot be cancelled manually until ADAS alert is ended.

HSAE

(Equipment Name)	E-Canter Navigation	
Model Name	HSCE-AN009	
Operating Condition	Operating Temperature	-20 ℃ to +70 ℃
	Storage Temperature	-30℃ to +80℃
	Rating Operating Voltage	13.5 ± 0.5V
	Voltage range	9V-16V
Production Information	Display	7inch TFT-LCD 1024 * 600
	Touch Panel	Capacitive Touch Screen
	BT	4.2
	OS	Android 4.4.3
	Radio	**JP :** AM 522~1629 kHz FM 76.1~94.9 MHz **North America :** AM 530~1710 kHz FM 87.9~107.9 MHz **Europe :** AM 522~1611 kHz FM 87.5~108.0 MHz

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA).

RF Exposure Information (SAR)

Listing of SAR values in user manuals or operating instructions is not mandatory. However, when SAR numbers are included, the information must be correct and consistent with those listed on the equipment certification grant. In some cases, when operating restrictions are necessary (for example, for use of body-worn accessories), the operating conditions and required minimum separation distance between the user and a wireless device must be clearly specified in the manual instructions for ensuring compliance.

SAR listing examples for handsets