

Infotainment System

USER MANUAL



NS1000 AVN

QR CODE

To access the full User Manual from the internet for your vehicle's infotainment system, scan the QR code below.



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INTRODUCTION

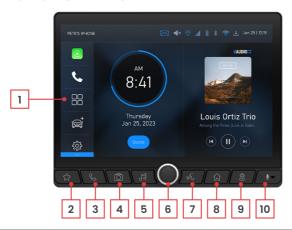
WARNING

Avoid any activities requiring high levels of concentration such as adjusting device settings while driving.	Always be careful when consuming liquids and other substances in the vehicle. This may cause damage to the product voiding the warranty.
For the safety of all road users, video playback is disabled while the vehicle is in motion.	When cleaning, turn off the unit and use a soft cleaning cloth. Avoid using alcohol or abrasive products as this may result in damage to the display and front panel voiding the warranty.
It is an offence to operate or hold a mobile phone whilst in control of a vehicle, and will incur penalties, loss of points or loss of license.	If a fault occurs with this device please contact your dealership. Do not attempt to repair the unit as this will void the warranty.
Listening at high volumes will impair your ability to hear surrounding events.	Disassembly of this unit by unauthorised persons will void the warranty.
Operating this device for long periods of time with the engine off may cause your battery to become flat.	This product is subject to change without notice.
Exposing this device to shock may cause damage to the screen voiding the warranty.	

BUTTON FUNCTIONS



BUTTON OPERATION

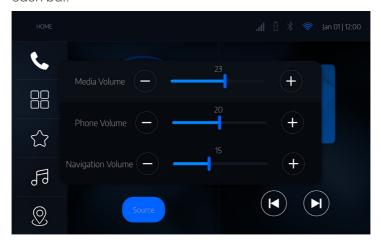


1		Apple CarPlay/Android Auto
		Devices
		Apps
	APP TRAY	Favourites
		Media
		Navigation
		Camera
		Accessories
		Settings
2		Favourites
_		Phone screen
3		Call Answer/Decline
4		Active cameras
5		Media
6		Power/Volume knob
7	(1,42)	Activate voice control
8		Home
9		Navigation
10	o y =	Mic

BUTTON FUNCTIONS

◆ ♦ VOLUME

To set and adjust volume levels, simply rotate the rotary volume knob. This also brings up the volume control tile. There are three (3) independent types of volume, media, phone and navigation. The three methods by which you can adjust volume are, touch and slide adjust volume bar, one touch the desired volume bar and then rotate the volume knob or tap the '+' or '-' button next to each bar.



The volume level last set is memorised.

SCREEN FUNCTIONS



HOME SCREEN

From the **HOME SCREEN** you can view all information of operating functions. This may include:

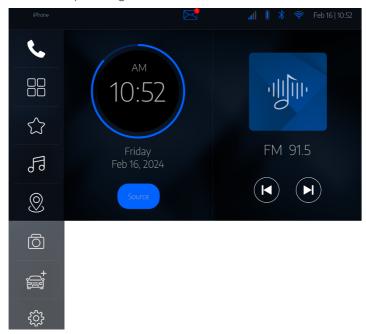
ITEM	FUNCTION
1	Apple CarPlay / Android Auto
2	Devices
3	Apps
4	Favourites
5	Media
6	Navigation
7	Camera
8	Accessories
9	Settings
10	Unread Messages
11	GPS, Signal Strength, Battery level, Bluetooth & Wi-Fi Status
12	OTA Firmware Available
13	Current Playing Media Information
14	Source



SIDE MENU

SETTINGS

The **SIDE MENU** on the left of the home screen allows selection of the main operating modes of the unit.



The menu consists of the following options:

DEVICE MENU	Pair phones via Bluetooth or by using Apple Carplay/ Android Auto.
APPS	Pre-installed apps can be found here.
FAVOURITES	All saved favourites menus/options can be accessed here.
MEDIA	Media playback from Bluetooth and Radio.
NAVIGATION	Touch icon to launch Navigation.
CAMERA	All connected cameras can be viewed with one touch.
ACCESSORIES	A QR code is displayed linking to full range of accessories.

Allows user to access the settings menu.



DAB+ (DIGITAL AUDIO BROADCAST)

Digital radio is a broadcast format that offers exceptionally highquality sound, useful station information and a range of exciting features to enhance your listening experience:

- Clearer sound.
- Genre-specific stations including sports, classic, modern, country and many more.
- Stations are displayed by name, not frequency, making it easier to find your favourite stations.
- DLS (Dynamic Label Segment) displays real time information from the station including album cover, artist and song information, weather and news updates and much more.

Digital radio is still subject to reception performance limitations due to environmental influences and distance from the broadcast area. You may experience signal "drop outs" in very low-lying areas such as valleys.

You may also experience "drop outs" as you begin to move away from metropolitan areas. This is not a fault with your multimedia navigation.

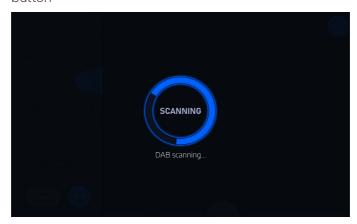
As the network grows, reception performance will improve. It is important to periodically scan for new DAB+ stations to enhance your digital radio experience.



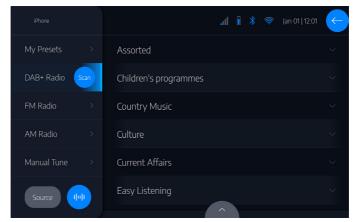
Select the **MEDIA MENU** by touching the button in the **SIDE MENU**. Then touch the **DAB+** tab.

FINDING AND STORING STATIONS

1. Scan DAB+ stations by touching the button

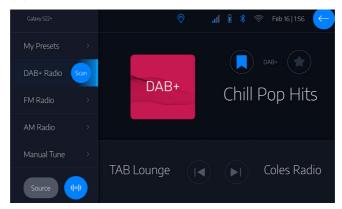


Once the scanning stops, touch listed categories to display respective stations and touch again to start playing. The unit will automatically store all the available stations on startup.



RADIO

3. While playing any station, touch or to tune to the next station.

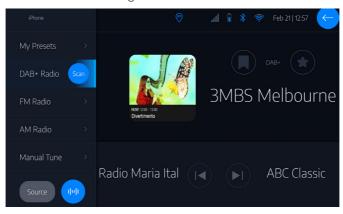


4. To store any saved station to the preset list, open the station to be saved and touch . The preset list for all radio types can be accessed/managed inside 'My Presets' list inside the radio menu on the left.



DAB+ DLS

The **DLS** (Dynamic Label Segment) displays the station and song information including the album cover.



RADIO

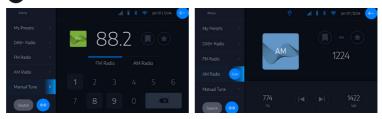


FM/AM RADIO

Select the RADIO MENU by touching the button in the side menu and then FM or AM the Radio tabs.

FINDING AND STORING STATIONS

- 1. Touch stations to automatically tune and store FM stations. The station list can be accessed inside the FM Radio tab.
- 2. Scroll and touch to select any station or alternatively select any station and skip to next or previous station using and buttons.



3. Manual Tune tab at the bottom of radio menu allows the user to manually tune any station by punching in the station frequency numbers.



4. To automatically search for the next station, touch and hold or . The tuner will search and then stop at the next available station.

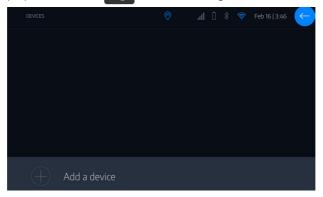
DEVICE

Up to four (4) devices can be paired to the infotainment system. Only one (1) device is connected at a time.

BLUETOOTH PAIRING

To connect your Phone:

1. Either touch the icon on the home screen or press the physical button of the unit to go to the **DEVICE SCREEN**.



- Make sure your phone is visible to other devices and Bluetooth is turned on.
- 3. Touch the button to search for available devices. You do not have to wait for the unit to finish scanning before selecting your device.
- 4. Select your device from the list.

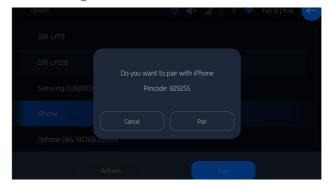
Note: If the search failed to find your device touch the **REFRESH** button to rescan available devices.



5. After selecting your device, the **PAIR** button will illuminate. Touch the **PAIR** button to start pairing your device.



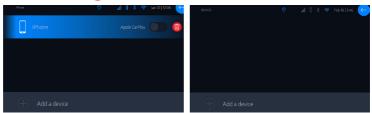
 Touch the PAIR button on the unit and then on your device.
 Press Allow on your devices if you would like your contacts and messages to be accessible via the head unit.



7. Your device is connected to the unit and the device's name is displayed on top left corner of the screen. Your device will now be connected and available to make and receive calls, view messages, check recent calls and see the contacts list. Bluetooth audio can also be played from the connected device.

DISCONNECT AND DELETE PAIRING

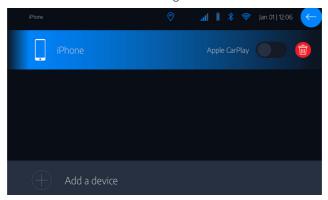
1. To delete phones paired but not connected, simply touch the delete button .



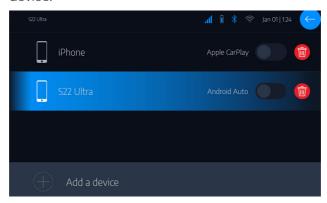
2. For any connected phones first disconnect by touching the already highlighted phone. Then touch the delete button to delete the phone from the device list.

ADD PAIRING

1. If there is a phone currently connected to the unit, it must be disconnected before adding another device.



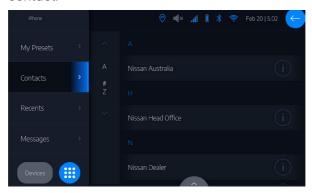
2. Follow Step 2 to 7 of the **Bluetooth Pairing** to add another device.



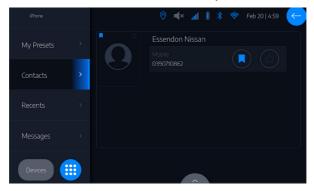


Once your phone is connected via Bluetooth, up to 24 contacts can be saved in **My Presets**.

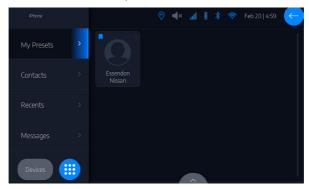
1. Open the contact that needs to be saved from the Contacts list then touch the symbol located at right of each contact.



2. Then touch the Save button found on the contact card to add the selected contact to the My Presets list.



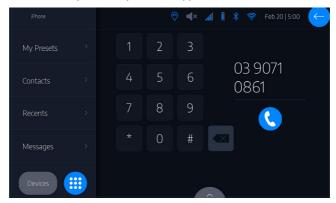
3. Return to **My Presets**. Your saved contacts can be now viewed here. Touch the required contact to make a call.



4. To remove a contact from My Presets, repeat steps 1 and 2.

EYPAD

1. From the phone menu touch the iii button at the bottom of screen to open the phone keypad.

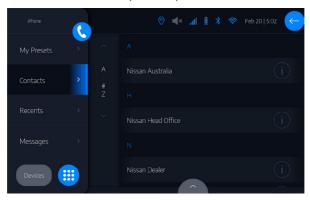


2. Enter the phone number on the keypad, and touch 🕻 to call.



Select CONTACTS from the phone menu to view your contact list.

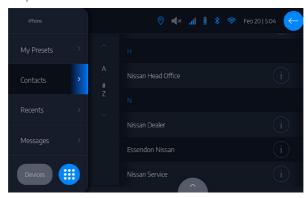
1. To search for a contact, touch the screen and slide the list up and down to locate your required contact.



2. Alternatively, touch once on the alphabet symbol on the left-hand side of the contact list and then touch any letter to filter by the first letter of contact names.

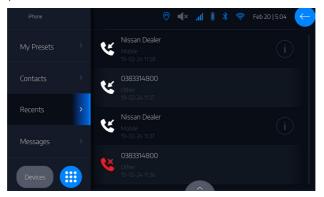


3. Touch the screen and slide the list down to locate your required contact.



RECENTS

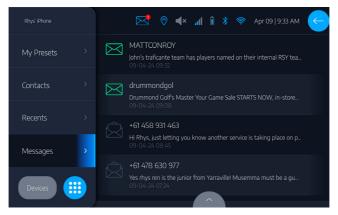
 Select RECENTS from the phone menu to view all recent received and dialled numbers or contact names if saved in your contact list.



2. To re-dial a recent call, touch the corresponding listed number or contact name.



MESSAGES



- Select MESSAGE from the phone menu to view all recent messages. The date and time for each message are also displayed.
 - Read messages are depicted by an 🔯 icon.
 - Unread messages are depicted by an 🖂 icon.
 - New message notification is also displayed in the top information bar with unread messages depicted by the icon.
- 2. Touch the relevant message to view the entire message.

PLEASE NOTE:

For iOS Users please enable "Show Notifications" in the Bluetooth menu on your device to enable viewing of text messages on the screen.



INCOMING CALLS



- Incoming call information is displayed on any screen. Calls can be answered or rejected by touching the corresponding button.
- 2. Touch the symbol to minimise the call screen to a small tab size at the top. To bring the call screen back to full screen mode touch .



CALL WAITING

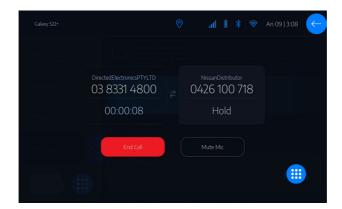


PLEASE NOTE:

Call waiting function needs to be activated in your mobile phone settings. Whilst on a current call, there is another incoming call.



- 1. Touch Answer + End ____ to answer second call and end the first call.
- 2. Touch Reject Call to reject the second call.
- 3. Touch **Answer + Hold** ocon to answer second call and place the first call on hold.



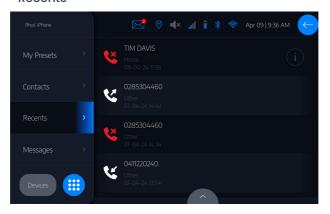
- 4. Toggle between first and second call by touching either box.
- 5. Touch END CALL button to end the call that is currently active.
- 6. When an active call has been ended, the call that was on hold will resume.



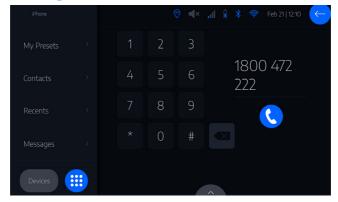


OUTGOING CALLS

- 1. Touch the button on the front panel to open My Presets within the phone menu. Touch any preset contact to make a call or alternatively select any contact from the listings.
 - · My Presets
 - Contacts
 - Recents



- 2. A call can be made by pressing the phone number or contact in the listings.
- 3. Touch iii to manually dial an unsaved number.



4. Touch (to start dialling.



MUTE A CALL

1. Once connected, the call duration is displayed. To mute a call, touch the **Mute** button.



2. Touch it to return to the keypad when numeric input is required for menu selections.



ABOUT WIRED & WIRELESS APPLE CARPLAY OR ANDROID AUTO

Wired and wireless Apple CarPlay or Android Auto projects some of the useful apps on your compatible Apple or Android phone onto the unit's display screen. You will then be able to control calls, messages and music and navigate with maps on the unit's display screen..

THINGS TO NOTE

- For a wired connection with your phone, it is recommended to use the supplied cable charger.
- Your Apple/Android phone may require you to download, update and allow certain apps upon plugging in the USB cable charger or connecting wireless to the unit for the first time.
- Wireless connection to unit is only established with wireless compatible phones.
- Wireless connection is disabled if unit is connected to a Wi-Fi network or hotspot.



WIRED APPLE CARPLAY OR ANDROID AUTO

 Plug the USB cable charger into the USB port. You may have to allow connection on both the phone and unit to launch wired Apple CarPlay Or Android Auto for the first time.



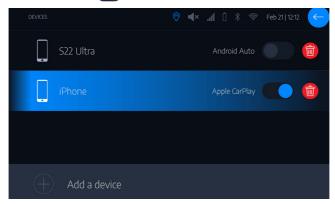


WIRED AND WIRELESS APPLE CARPLAY OR ANDROID AUTO



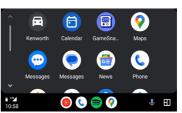
CONNECT WIRELESS APPLE CARPLAY OR ANDROID AUTO

• Once the unit is connected to Bluetooth, touch the 'Apple CarPlay or Android Auto' button to turn it on. Selection is indicated by a blue colour.



 Once wireless connection is successful, approved vehicle use apps on the Apple/Android phone will be displayed. To scroll through the apps, swipe left or right for an Apple phone and up or down for an Android phone.





WIRED AND WIRELESS APPLE CARPLAY OR ANDROID AUTO



DISCONNECT WIRELESS APPLE CARPLAY OR ANDROID AUTO

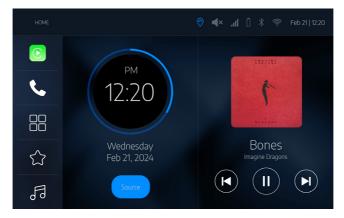
 Touch next to 'Apple CarPlay or Android Auto' to disconnect the wireless connection between your phone and the unit.
 Once wireless is disconnected unit is switched to Bluetooth connection.





RETURN TO UNIT'S HOME SCREEN

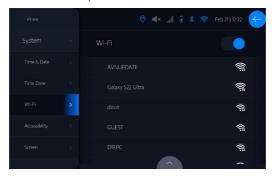
Touch HOME to return the home screen of the unit.
 Use HOME to toggle between the Apple CarPlay or Android Auto screen and home screen of the unit.





To connect to a Wi-Fi network or hotspot on your phone.

1. Touch the Wi-Fi symbol to open the Wi-Fi setting menu which is automatically switched to On. The system will automatically search for available networks.



2. Select the required network/hotspot and enter the password.



3. The connected network will be displayed with a blue higlight.





CAMERA CONFIGURATION

- 1. Connect an approved and genuine Nissan camera to the unit.
- Touch the SETTINGS button at the bottom of slider menu from the home screen to open the setup menu.
- Touch the Camera button from the list to configure 3. your cameras.



- Please ensure that the camera Off/On setting is turned on in order to view the camera and set triggers.
 - Note: Camera A is set as reverse camera by default and cannot be changed.
- Up to four (4) cameras can be connected.



Only genuine Nissan cameras can be installed to this. device. Installing non-genuine accessories to this device may cause serious damage and void the manufacturer's warranty.

CAMERA



VIEW CAMERA

- 1. To view the Camera (s), push the button (refer to Page 6) on the front panel or alternatively touch the soft touch button found on the slide menu (refer to page 9).
- 2. Touch any image to zoom in full screen.



3. Touch the screen again to return to a 4-way view.



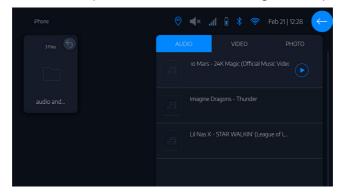
USB AUDIO

USB-A port located below the HVAC controls and to the left of 12V socket is media compatible.

Note: USB-C port located above USB-A port is for charging only and is not media compatible.



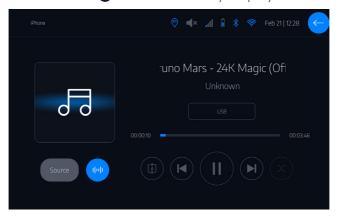
- 1. Connect a USB memory stick containing media files
- 2. To access an audio file, touch the Source button on the Home screen and choose Source button on the Audio/video files should automatically begin playing after a few seconds.
- 3. To view the available audio files, touch the USB tab displayed on the infotainment syste and then select the AUDIO tab.
- 4. Select the required file or folder containing file(s) to play.



PLAYBACK

5. Touch the (1) button to cycle between repeat album, (1) repeat folder, and (1) repeat a song.

Touch the 20 button to shuffle your playlist.



- 6. When playing back files, you can select which file type you wish to play. This is particularly helpful when there are different file types stored on the **USB** drive.
 - a. To select Audio, touch the Audio tab.
 - b. To select Video, touch the Video tab.
 - c. To view Image files, touch the **Photo** tab.
- note:

The playback preference is for audio files. Videos and pictures must be manually selected and played from the respective tabs.

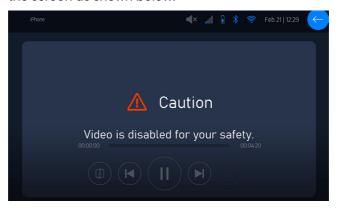


USB VIDEO

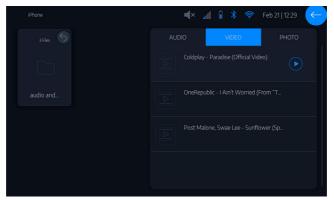


NOTE:

There is no video playback if the vehicle is not GPS stationary or no GPS signal. A cautionary message will be displayed on the screen as shown below:



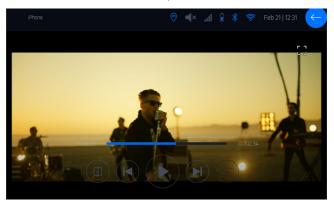
- 1. To View a video file, touch the Video tab to display video files inside the selected folder.
- 2. Select the required file to open video player.



- 3. Your selected video file will start playing with the video control panel visible at the bottom of the screen.
- 4. Touch the screen to remove the control panel.

PLAYBACK

- 5. Touch the screen again to display the control panel to Replay Movie, Rewind, Pause, Play or Forward the video.
- 6. To return to the files screen, touch the back button.



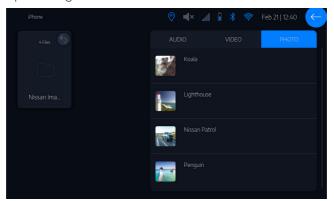
7. Touch the (1) button to cycle between repeat album, (1) repeat folder, and (1) repeat a song.

Touch the (2) button to shuffle your playlist.



USB IMAGE

- 1. To view an image file, touch the PHOTO tab at the top to view pictures saved inside the selected folder.
- 2. Select the required file found on the left side of the screen to open Image.



Your selected image file will be displayed with the image control panel visible at the bottom of the screen.

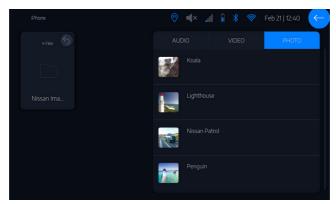
3. Touch the screen to remove the control panel.



4. Touch the screen again to display the control panel to Seek Previous or Seek Forward from one image to another.

PLAYBACK

5. To return to the files screen touch the List button.

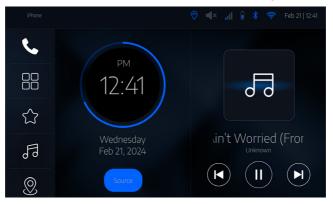




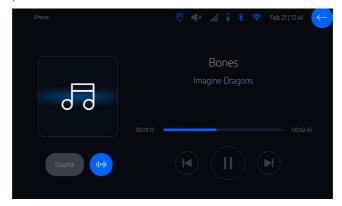
BLUETOOTH AUDIO

BT Music allows you to wirelessly play audio from your phone via A2DP Bluetooth Streaming.

- 1. Connect your phone to the unit via BLUETOOTH.
- 2. Touch the **Source** button from the home screen or from the media menu and then select BLUETOOTH to go to BT music.



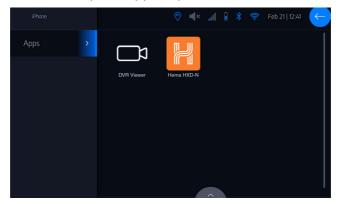
3. Select the desired music files or streaming media on your phone.



PLAYBACK

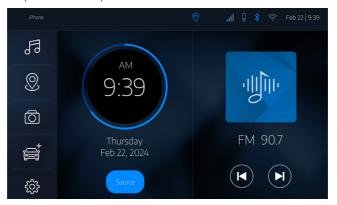
(+) APPS

- 1. From the side bar menu of the home screen, touch the Apps icon to go to the Apps screen.
- 2. Touch the required App to open.

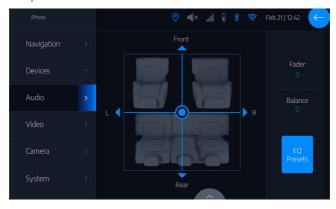


AUDIO

1. Touch the **SETTINGS** button found in the bottom left corner of any screen to open the SETUP MENU.



- Touch the Audio button to setup Balance, Fader and EQ levels.
- 3. To adjust the speaker balance and fader, touch the blue dot on the centre of the displayed grid, then slide to the required position Front, Rear, Left or Right. Alternatively, touching any point on the grid will move the position instantly. Another option is to use the arrow buttons located on all four sides of the grid. Default equalizer setting is **Custom**. Adjust the frequencies bar levels to suit.



SETUP

4. There are five (5) pre-set equalizer settings, Rock, Pop, Electronic, Classical and Podcast. Select the preset settings to best suit the audio types that you are listening to.



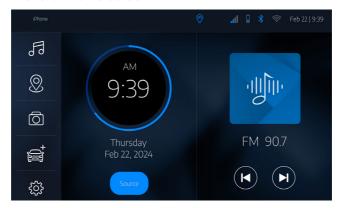
5. Touch the **Custom** button to manually adjust equalizer levels to best suit your audio experience.



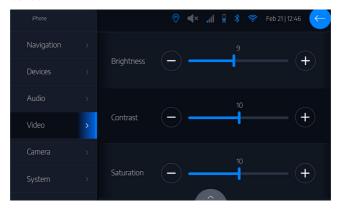
6. Touch the relevant frequency band and then touch on the orange level indicator. Then slide up and down till the desired level is reached. Alternatively touch the up or down arrow to increase one dB at a time.

▶ VIDEO

 Touch the SETTINGS button found at the bottom of the side menu on home screen.



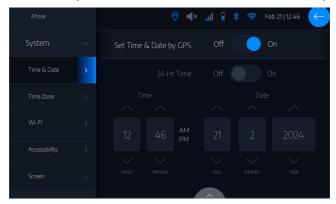
2. Touch Video on the side bar list to open the Video Settings screen.



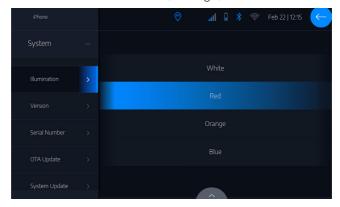
From here you can adjust Brightness, Contrast and Saturation of the video playback by touching the corresponding plus/minus buttons or by adjusting the slider with your finger across the screen.

SYSTEM

1. Touch the SETTINGS button at the bottom left corner of any screen to open the SETUP MENU and scroll down to System.



- Set the time, date, month and year.
- Edit Wi-Fi settings.
- Turn screen audible tones Off or On.
- Choose between different display modes and adjust brightness.
- Set illumination colour. Red is the default colour. Other colours available are red, orange, blue and white.

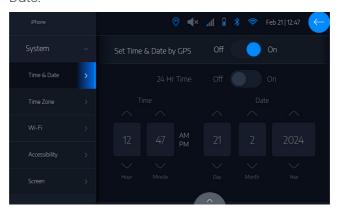


- View firmware version information.
- · View unit serial number.
- · Check for latest OTA firmware.
- Perform a factory reset.

(L) CLOCK

The time is automatically set to your time zone when the unit is installed. **GPS AUTO TIME** turned On is the default setting.

 Touch the SETTINGS button found at the bottom of the side menu on home screen and select System followed by Time & Date.



To set the clock and date manually, slide the Set Time & Date by GPS to Off, then touch the arrows to adjust.



- a. Adjust the **Hour, Minute, Month, Day, Year** by using the up and down arrows
- b. Toggle between 12 and 24-clock format by touching the **Off/On** switch.
- c. Turn on Set Time & Date by GPS, the time will automatically change with the time zone.



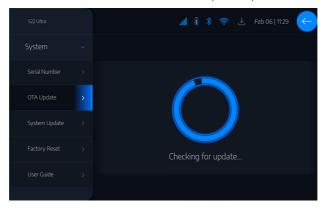
OTA UPDATE

The unit's firmware and navigation software can be updated Over-the-Air (OTA). To perform OTA updates, the unit must be connected to a Wi-Fi network or mobile hotspot. (Refer page 32)

- 1. Touch the SETTINGS button found at the bottom of the side menu on home screen.
- 2. Scroll down and then touch the System button.
- Touch the OTA UPDATE button.

The unit will check and display required updates and the top information bar will display a download tray to indicate there is an update available.

4. Select download to initialise the update process.



The unit will download the update. Download time will vary depending on the network connection.

SETUP



Once downloaded, the unit will automatically unzip and install the update.

The unit will reboot to normal operation with the latest update.

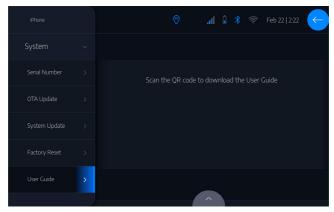


DO NOT TURN THE UNIT OFF during the update process.

TROUBLESHOOTING

USER GUIDE

1. Touch the **Settings** button found at the bottom of the side menu on home screen followed by System.



2. Touch the **User Guide** button. A QR code will b displayed. Scan the QR code with any Barcode /QR code reader app on your mobile phone. Click on the displayed URL to download the User Manual onto your mobile phone.



TROUBLESHOOTING

FACTORY RESET

This operation will reset the unit to factory settings.

- 1. Touch the SETTINGS button found at the bottom of the side menu on the home screen.
- 2. Scroll down then touch System
- 3. Touch Factory Reset
- 4. Touch the Reset button.



5. The unit will erase all settings and then reboot before opening to the home screen.

SPECIFICATIONS

RADIO	Radio Modes	AM/FM/DAB+/RDS	
	AM Frequency Range	522 – 1710 kHz	
	FM Frequency Range	87.5 – 108 MHz	
	DAB+ Frequency Range	9A 202.928 MHz, 9B 204.640MHz, 9C 206.352 MHz	
	Station Memory	AM/FM/DAB+ 12 Pre-Sets	
	Tune	Yes	
	Seek	Yes	
	Scan	Yes	
	Dower Output	4 X 45W	
AUDIO	Power Output		
	Balance Control	Yes	
	Fader Control	Yes	
	Bass Control	Yes	
	Treble Control	Yes	
	EQ Control	Yes	
	Mute Control	Yes	
MEDIA	Audio Format	AAC/AMR/MP3/WAV/WMA	
	Video Format	1080p AVI/FLV/MKV/MP4	
	Image Format	BMP/GIF/JPEG/PNG	
	Screen Size	10.1%	
HARDWARE	Screen	10.1"	
		TFT 1920 X 1200, Capacitive Touch Panel	
	Power Button Front Buttons	On/Off/Volume Up/Volume Down/Mute	
		1x Door	
	USB Ports	1 x Rear	
	USB-C Port Bluetooth	1 x Rear	
	Wi-Fi	BT 4.2 A2DP	
		802.11 b/g/n	
	Microphone	Internal	
	Tuners	Digital AM/FM/DAB+	
	Camera Inputs	x 4 Inputs – Body/Left/Right/Reverse	
	Fuse	15A MINI BLADE	

NOTES		