



*Universal***LUXX**



User manual

Owners Manual: please read before using this product



*Universal***LUXX**

Thank you for purchasing the Universal Luxx.
Before operation, be sure to thoroughly read these instructions.

Warranty for this product is 2 years from date of purchase, however warranty will be void if:

- The unit is tampered with, damaged or modified in anyway.
- If applicable Reverse camera cable is cut or modified in any way.
- If applicable Reverse camera is subjected to over voltage.
- If applicable the Navigation SD card is damaged or tampered with in any way (this includes installing foreign mapping or software onto the SD card).
- The installation of 3rd party apps that may cause harm to the unit.

Warranty Terms

The Universal Luxx is covered for 2 years and includes:

- Defective Equipment • Defective Cables

Not Covered under warranty:

- Abuse
- Improper installation
- Alteration to Cables (includes cutting of any cables)
- Accidents
- Water damage
- Improper use
- Labour
- Postage and Handling

If you have any questions concerning the installation, warranty or the operation of the unit, please contact **Polaris** on **1300 555 514**.

We hope that you enjoy the Universal Luxx.

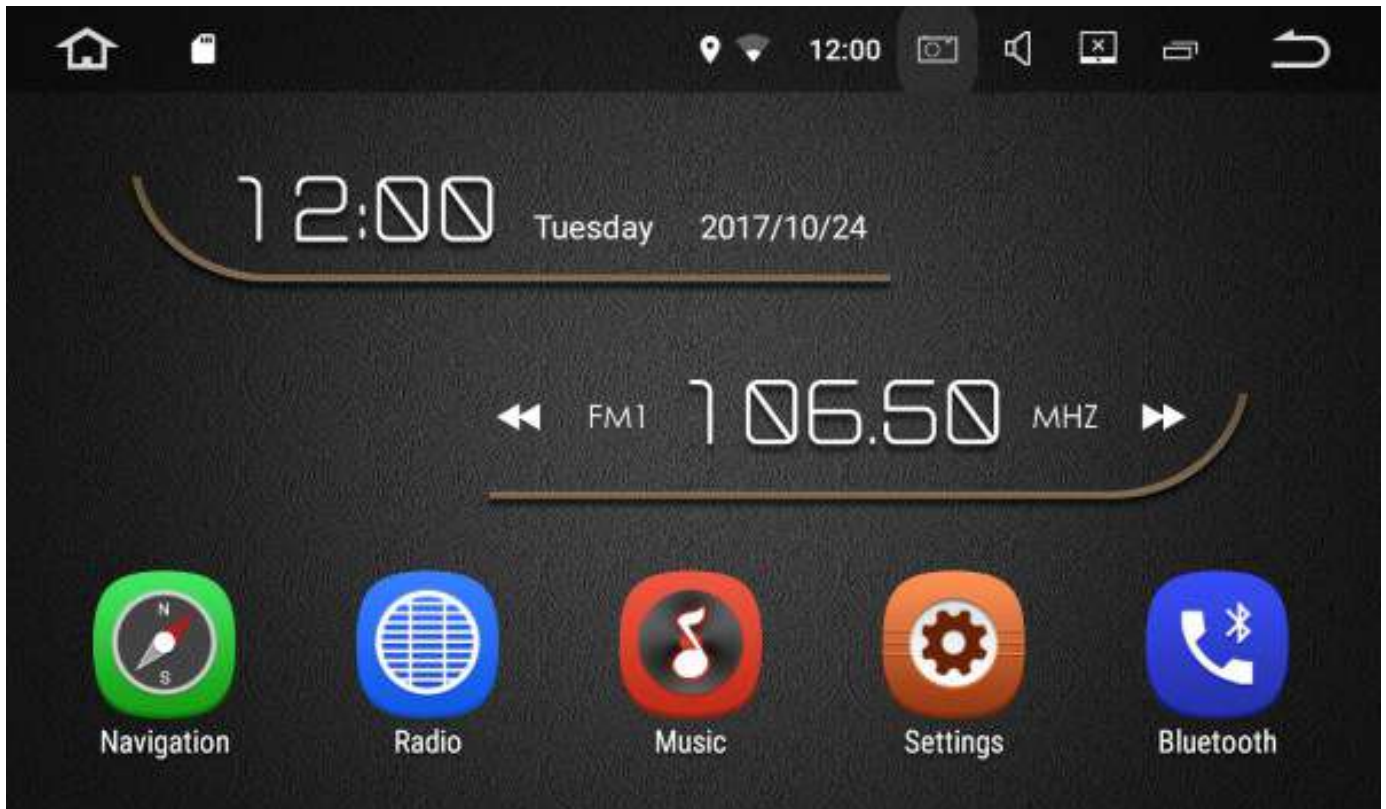
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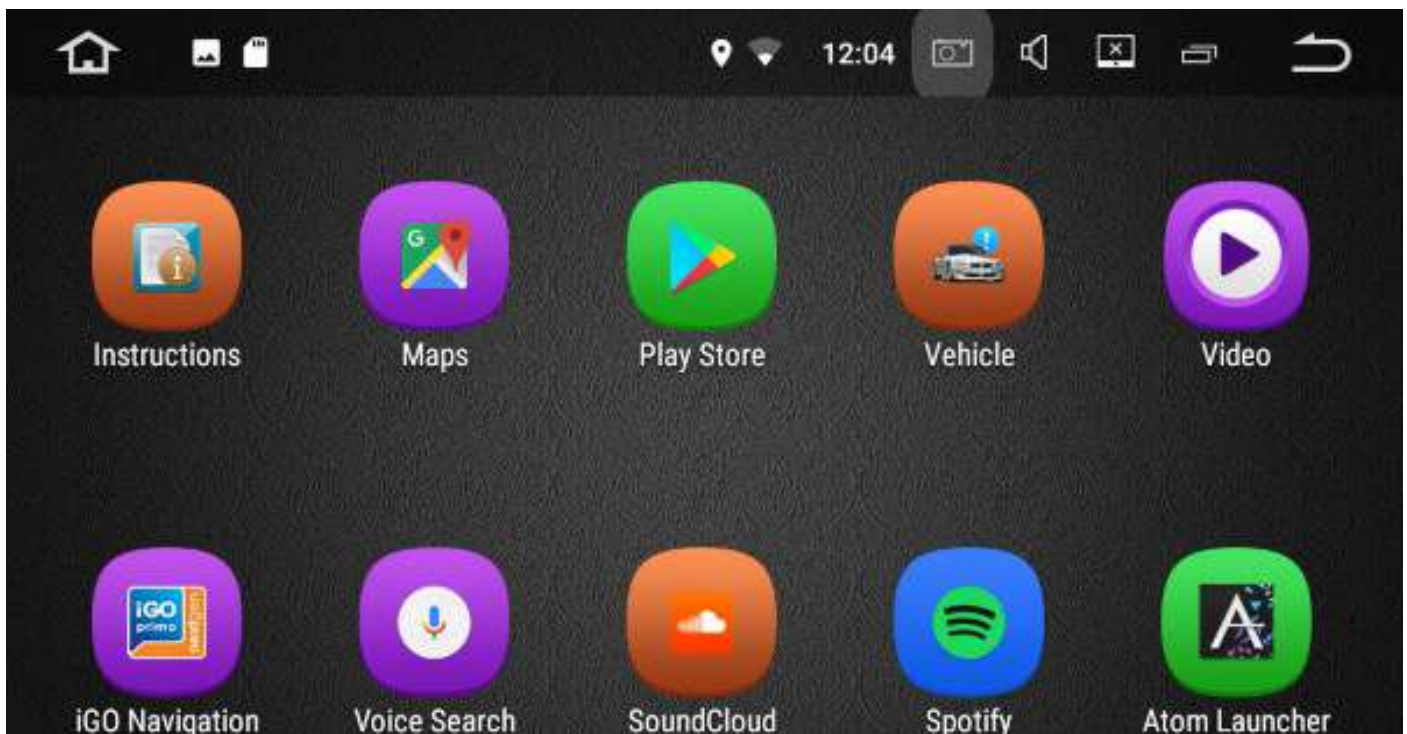
Getting Started

The unit will take approx. 15-20 seconds on the initial start-up, after this the unit will load instantaneously unless reset.

Once the unit has loaded it will appear with the main menu interface:



Swipe left to access more features:



Please note that some apps have been installed by Polaris via Google Play store

You can change the order of the icons or move desired icons to the main interface by holding down the applicable icon and dragging to the desired position.

Connecting to Wi-Fi

There are a few different ways in which you can connect to Wi-Fi:

1: Drag the toolbar that is located at the top of the screen down > Hold down the Wi-Fi symbol until the Wi-Fi settings appear. Touch the Wi-Fi that you wish to connect to and follow the prompts.

2. The other way in which you can connect to Wi-Fi is to select the settings icon > select network & internet > Wi-Fi > select the Wi-Fi that you wish to connect to and follow the prompts.

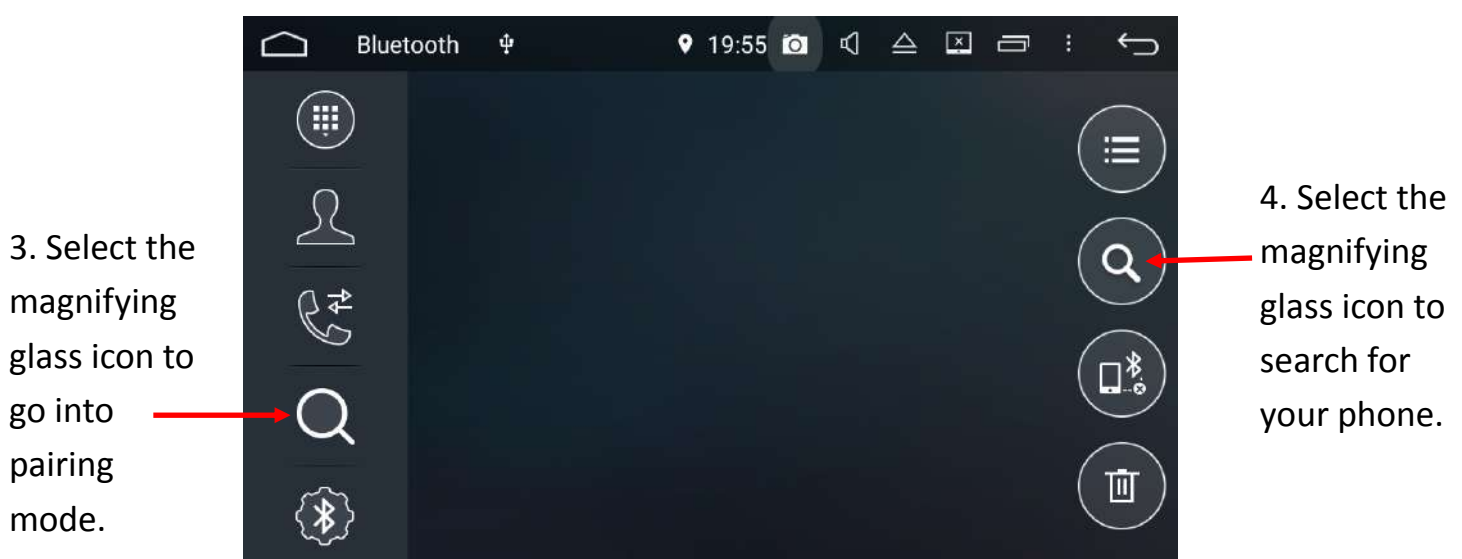
Please Note: If you are connecting to Wi-Fi via your personal hotspot, you will be using your phones data.

Connecting Bluetooth

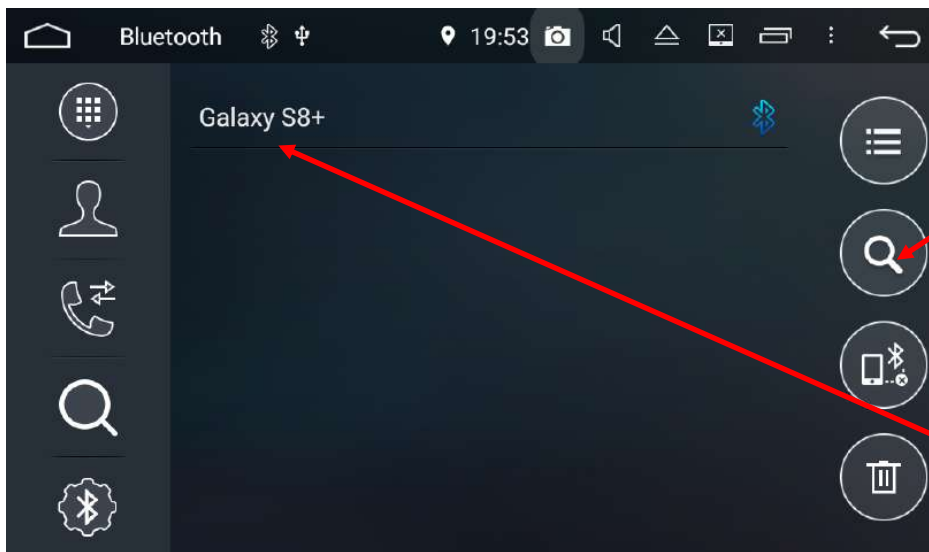


1. Go into your phones Bluetooth settings

2. Select Bluetooth from the main menu on the Universal Luxx



5. Bluetooth can be temperamental at times. If the Universal Luxx does not find your device, turn your bluetooth off and back on through your bluetooth enabled device and scan again.



6. If you want the unit to stop searching for devices tap the magnifying glass icon again

7. Once the unit has found your phone, select it by tapping on it.

Your phone will now ask if you want to connect to the Polaris device, please make sure you allow and input the password of **0000** in.

You can also connect your bluetooth device by following the normal procedure through your device. This usually involves going into your devices > bluetooth settings and scanning for other bluetooth devices.

The Universal Luxx's bluetooth ID is **Polaris** > Select **Polaris** on your device > when your device asks you for a passcode, please enter **0000**.

For a more in depth look at the bluetooth settings, please see page 12-18

Setting Up Radio Pre-sets

Select radio from the main menu



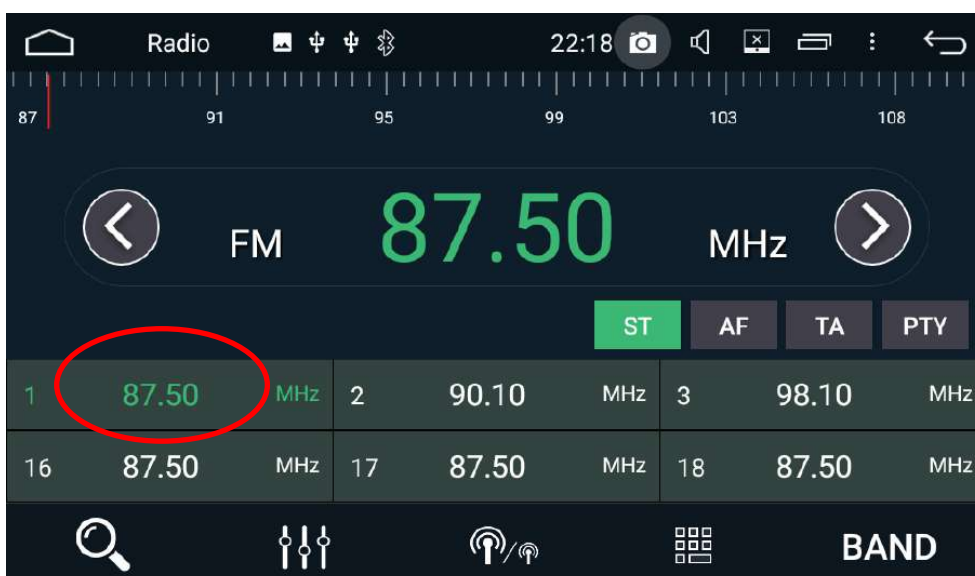
You can store up to 30 FM pre-sets and 30 AM pre-sets.

To automatically scan, select the magnifying glass icon:



The unit will run through a complete scan and will automatically set your pre-set stations to the radio frequencies with the strongest signal within your area.

Select a pre-set down the bottom of the screen and hold down until it changes to your desired station.



To manually scan for radio stations long press the arrow buttons:



When you have found the station you desire, press the arrow key to stop the search.

If you need to change the frequency one by one, simply short press the arrow keys.

Once you have reached your desired station select a pre-set down the bottom of the screen and hold down (long press) until it changes to your desired station.

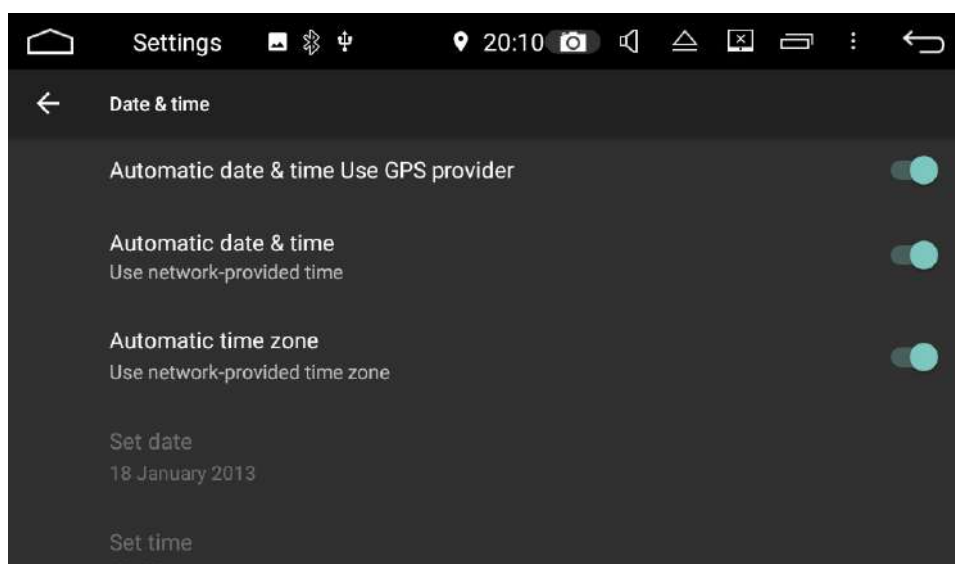
For a more in depth view at the radio features, please see page 18-19.

Date & Time

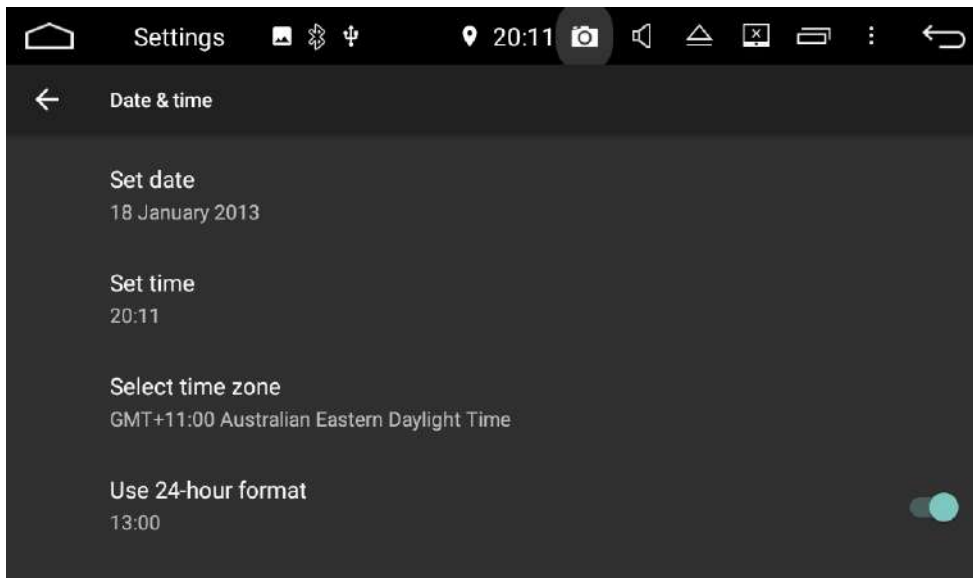
Select settings from the main menu.

Select System > Date & Time

If you are planning on always being connected to Wi-Fi via your mobile phone then you can simply set the date and time to Automatic Date & Time and Automatic Time Zone.



If you are not planning on being connected to Wi-Fi all the time then you can manually set the date, time and time zone:



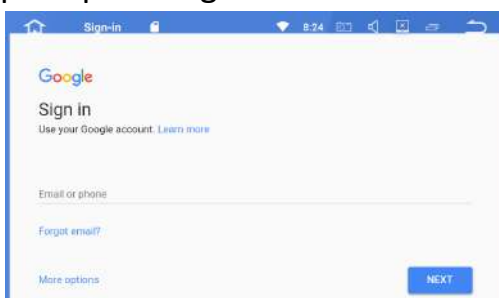
Google Play Store

To start downloading your own apps you will need to sign into Google play store. To do this you need to have a Google account. If you already have a Gmail account then this is all you will need in order to sign into the play store.

If you do not have a google account, you can sign up online which is completely free. Head over to www.gmail.com > click on more options > create account.

Follow all the necessary prompts to create your free google account.

Once you have set up your account, select play store from the main menu > follow the prompts to sign in.



Once you are signed in, you are free to start downloading 3rd party apps such as navigation or Spotify.

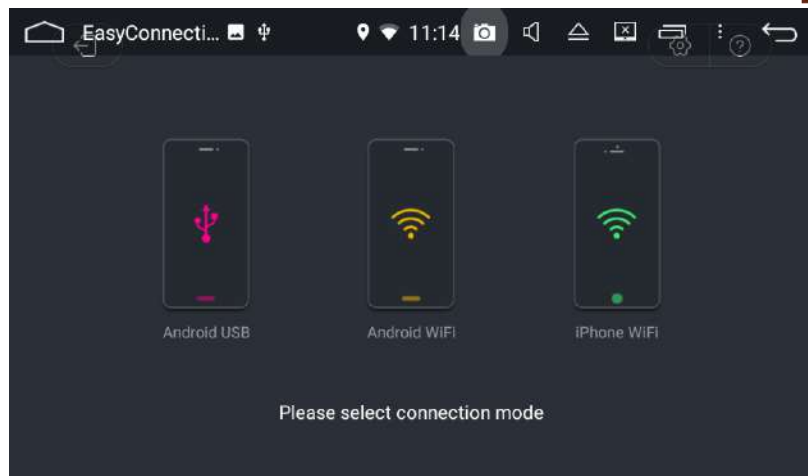
Please note that the more apps you add onto the system, the slower the unit will be to respond as a result.

WARNING: Polaris take no responsibility for 3rd party apps installed onto the device.

Easy Connection

Easy connection allows you to connect an android phone via USB for two way control or you can mirror your android or Apple phone via Wi-Fi.

To setup, open Easy Connection from the main menu

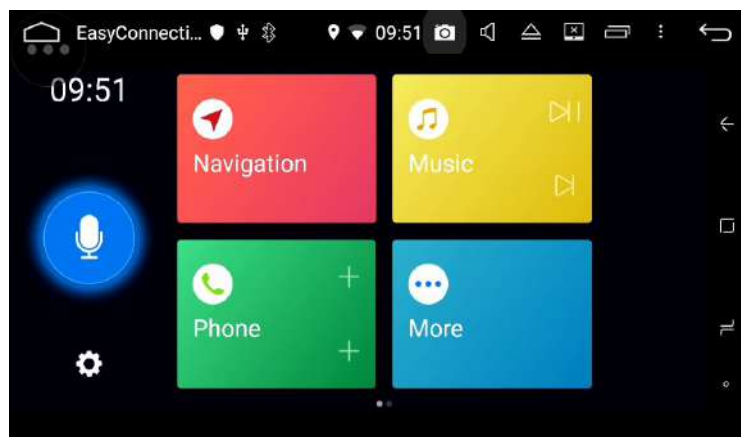


Android USB






Connect your phone with your **original phone cable** to one of the USB inputs on the Universal Luxx and select Android USB. A message should pop up on your android device to allow for debugging > select yes. If debugging was successful, Android drive mode will automatically load.

Note: If you are having trouble connecting your android phone, make sure that debugging is enabled. You can usually find debugging in developer options. A quick google search of your make and model should help with finding this feature on your phone.

Android Drive Mode (This feature only works with android enabled devices)

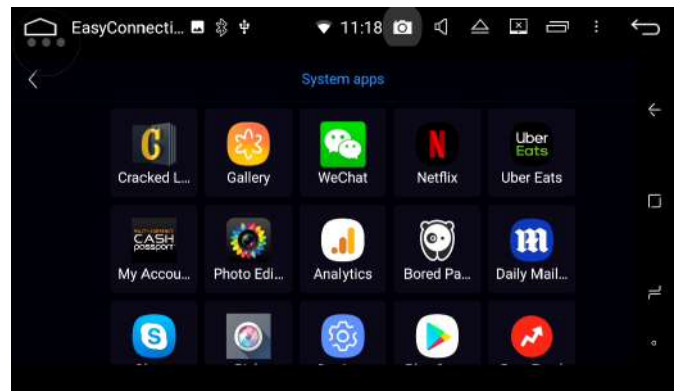
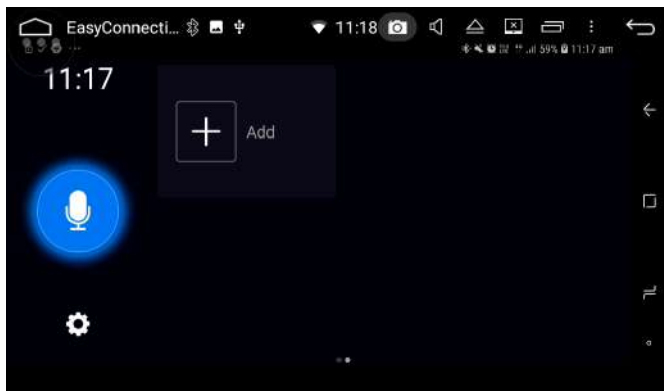


Touching this icon  will bring up the following settings:

-  Settings
-  Will show your mobile phone home screen
-  N/A
-  Exit
-  Back

Android drive mode will allow you to access certain features on your phone such as messages, contacts and calls without having to touch your phone. You can add certain apps to drive mode as well such as Google maps, Spotify etc.

Android drive mode will also allow you to mirror your phone.



Note: Android Drive mode version may differ depending on the easy connect version that is installed on your phone.

Android Wi-Fi

When connecting via Wi-Fi, the Universal Luxx and your android phone must be connected to the same network. If you are on the road, you will need to connect the Universal Luxx up to your personal hotspot.

When setting up for the first time, you will need to plug your phone in via USB. Please make sure Android debugging is enabled (normally found in developer options). Once debugging is done the unit should connect via Wi-Fi and you can now unplug your phone.

iPhone Wi-Fi

iPhone Wi-Fi will allow you to mirror your iPhone. It does not allow for 2 way control, it will simply mirror whatever is on your iPhone screen.

When connecting via Wi-Fi, the Universal Luxx and your iPhone must be connected to the same network. If you are on the road, you will need to connect the Universal Luxx up to your personal hotspot.

Select iPhone Wi-Fi from the easy connection menu.

On your iPhone open airplay or screen mirroring and select **EC-Mirror-CJ**.

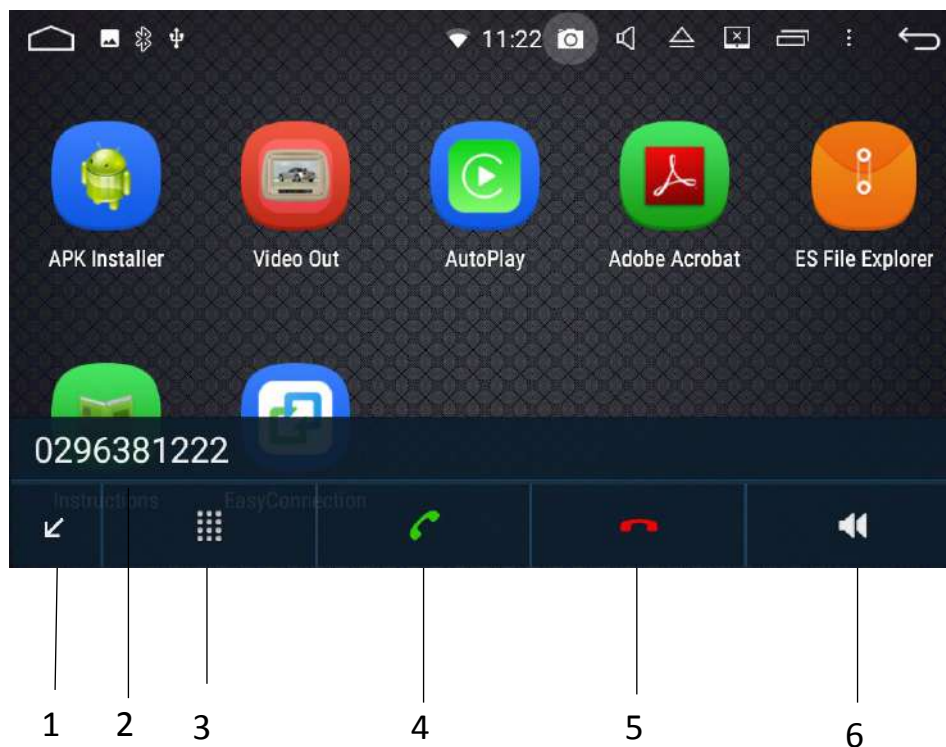
Please Note: When connecting via Wi-Fi please be aware that the response time will depend on how strong your signal is. If the connection is weak the response time will be slow.

Bluetooth features

Please see **page 5 & 6** on how to pair up your Bluetooth enabled device.

Once you are connected to bluetooth, you can receive calls regardless of what feature you are using.

Receiving a call / call in progress



- | | |
|-----------------------------|---|
| 1. Minimise bluetooth call. | 4. Answer. |
| 2. Incoming phone number. | 5. Hang up. |
| 3. Keypad. | 6. Switch sound between handset and unit. |

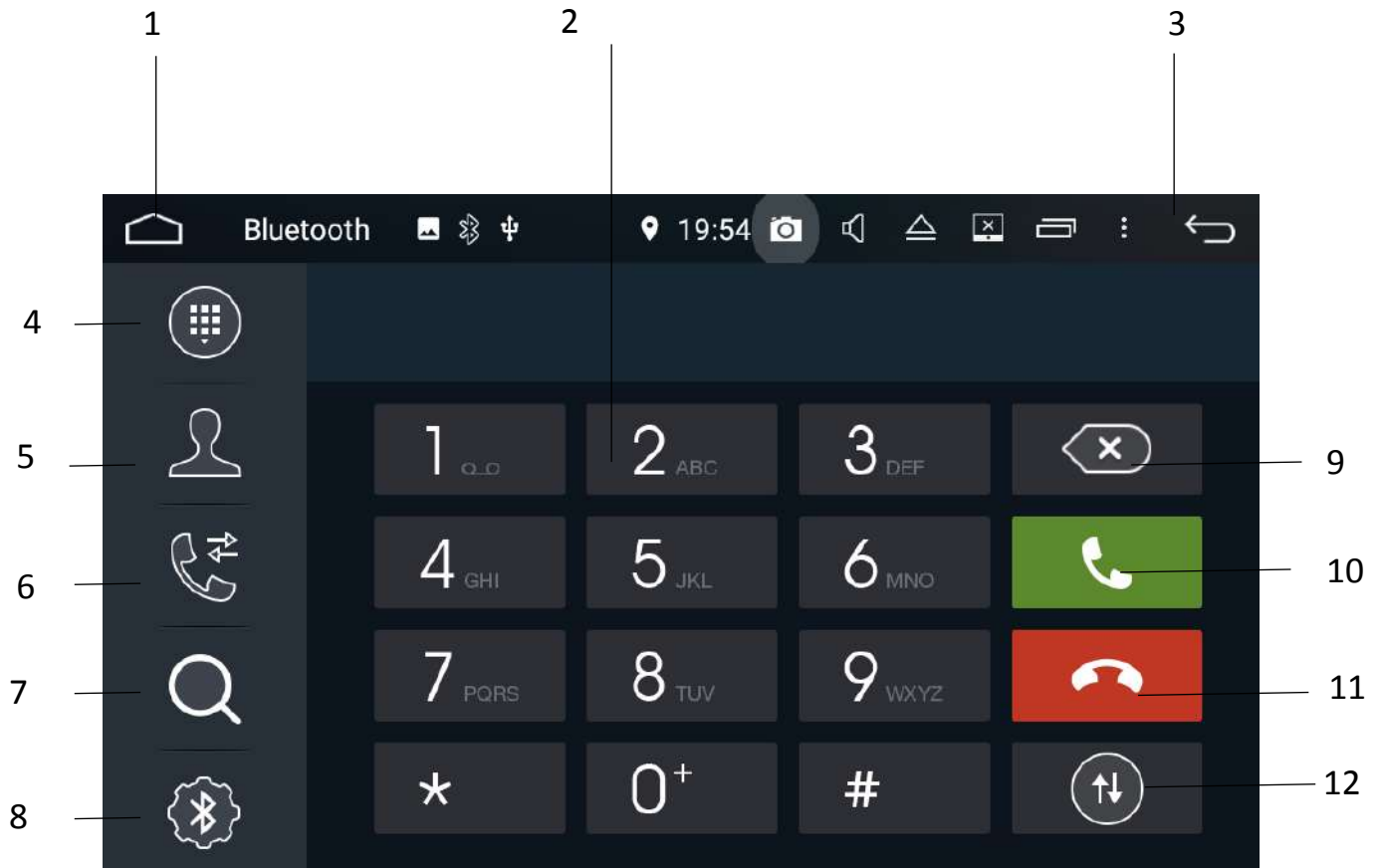
Notes: Minimising the blue tooth call will allow you to access other features on the Universal Luxx.

Making a Call

To make a call, select bluetooth from the main menu

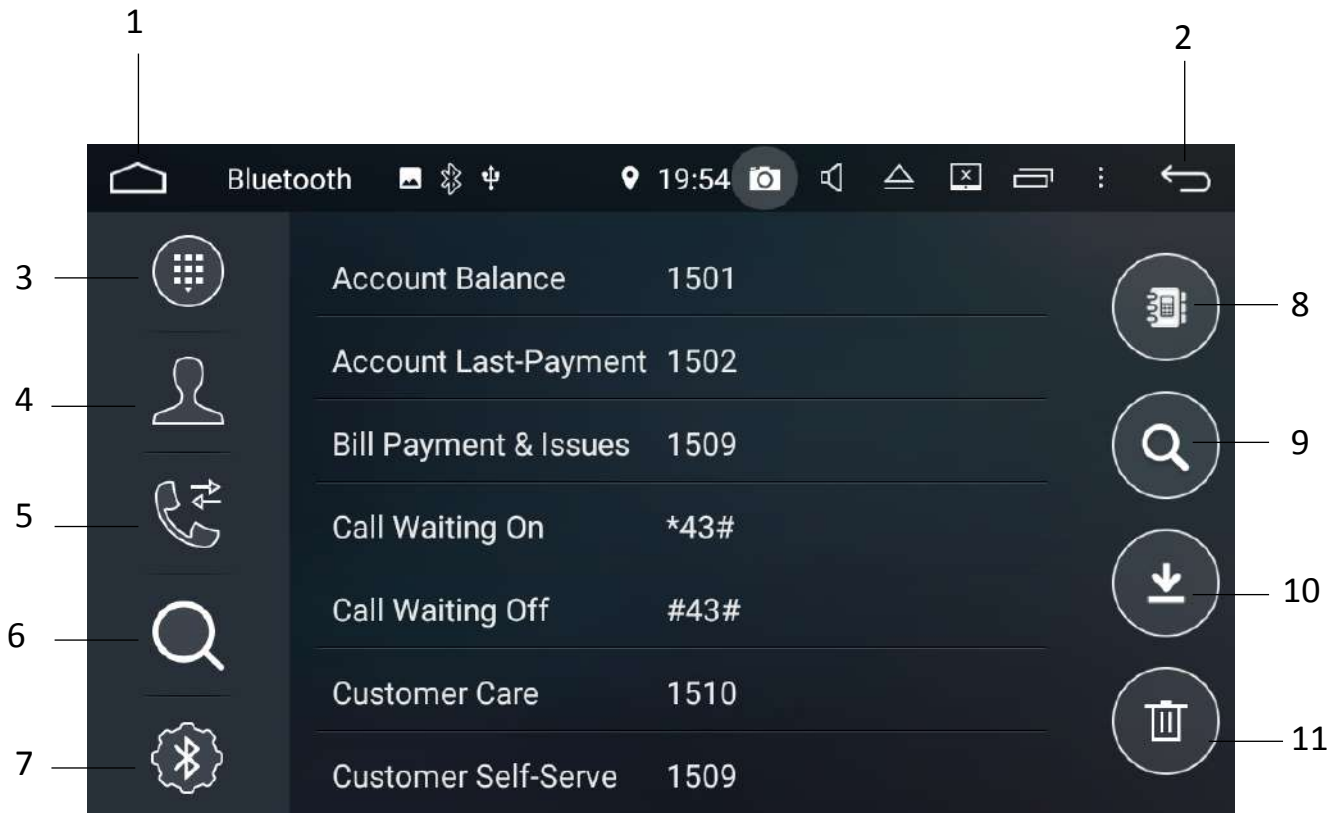


Keypad



- | | |
|---------------------------------------|--|
| 1. Takes you back to the home screen. | 7. Paired Devices. |
| 2. Keypad to dial numbers. | 8. Settings. |
| 3. Back to previous screen. | 9. Delete number. |
| 4. Keypad. | 10. Call. |
| 5. Contacts. | 11. Hang up. |
| 6. Dialled/Received/Missed calls. | 12. Switch sound between handset and unit. |

Contacts



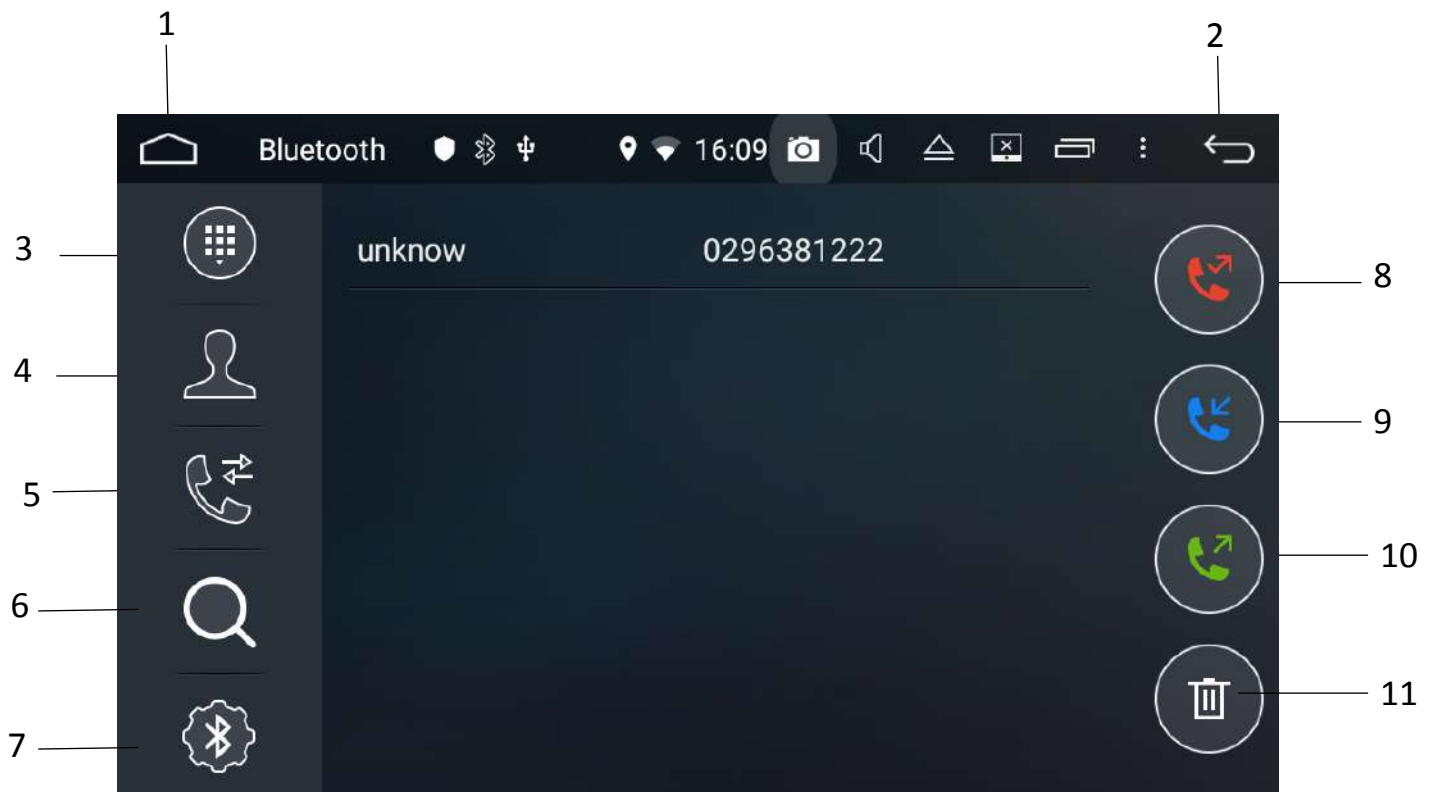
- | | |
|-------------------------------------|----------------------|
| 1. Home. | 7. Settings. |
| 2. Back to previous screen. | 8. Phonebook. |
| 3. Keypad. | 9. Search Phonebook. |
| 4. Contacts. | 10. Import Contacts. |
| 5. Received / Dialed / Missed menu. | 11. Trash Pairing. |
| 6. Paired Devices. | |

Notes: When importing contacts, your phone will ask for permission. Please select **YES** on your device.

If you have an iPhone: If you find that your phonebook will not import, please go into the settings on your phone > blue tooth settings > Look for Polaris > select the information icon > turn Sync contacts on:



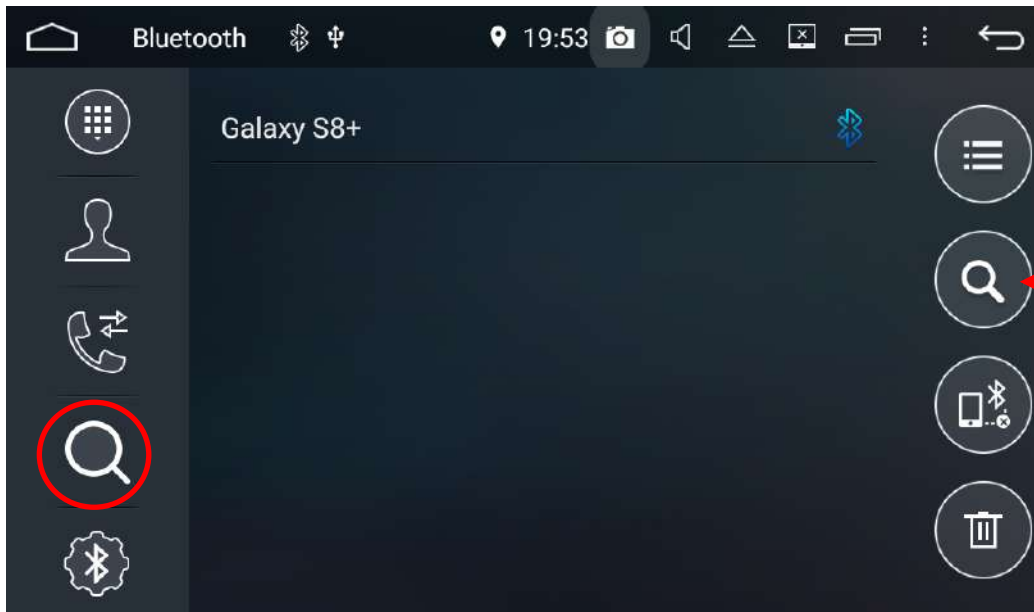
Received/Dialled /Missed calls



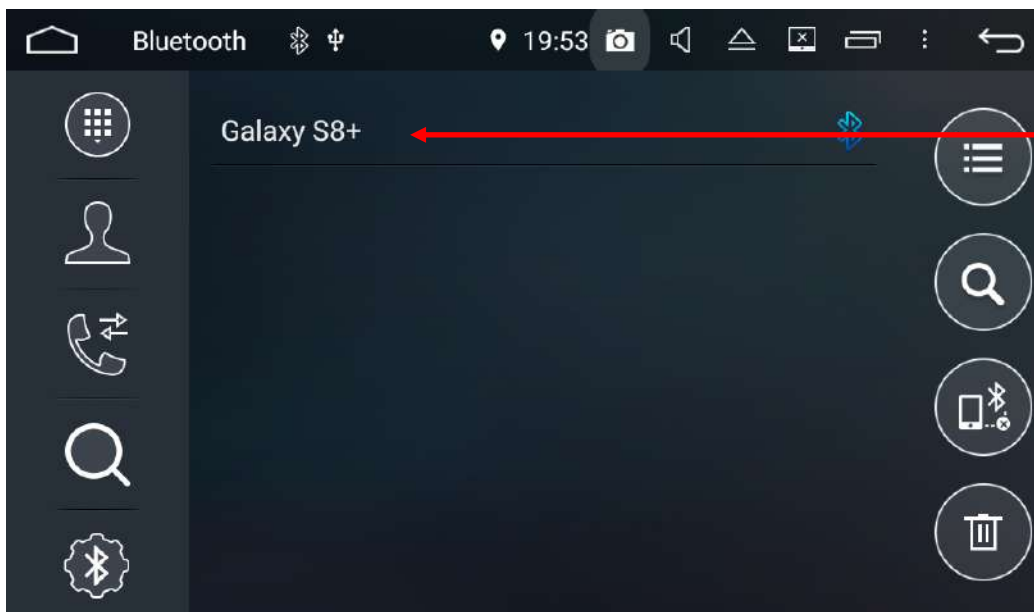
- | | |
|----------------------------------|--------------------|
| 1. Home. | 7. Settings. |
| 2. Back to previous screen. | 8. Missed Calls. |
| 3. Keypad. | 9. Received Calls. |
| 4. Contacts. | 10. Dialled Calls. |
| 5. Received/Dialled/Missed menu. | 11. Delete. |
| 6. Paired devices. | |

Paired Devices

Pairing your device



Start / Stop
Scanning for
devices.



Select your
device.

Your phone will now ask if you want to connect to the Polaris device, please make sure you allow and input the password of **0000** in.

You can also connect your bluetooth device by following the normal procedure through your device. This usually involves going into your devices > bluetooth settings and scanning for other bluetooth devices.

The Universal Luxx's bluetooth ID is **Polaris** > Select **Polaris** on your device > when your device asks you for a passcode, please enter **0000**.

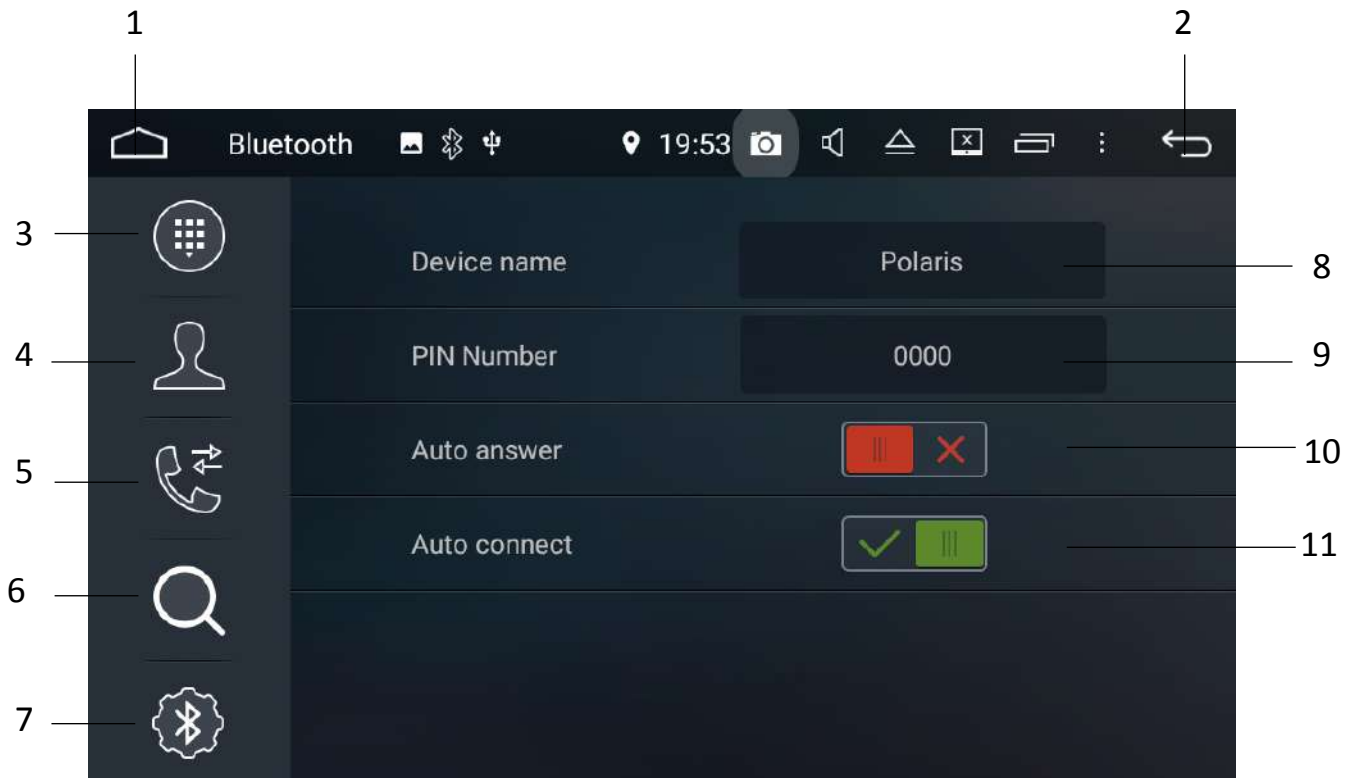
For a more in depth look at the bluetooth settings, please see [page 12-20](#).

Bluetooth can be temperamental at times. If the Universal Luxx does not find your device, turn your bluetooth off and back on through your bluetooth enabled device and scan again.

Notes:

The Universal Luxx will only connect to one phone at a time.

Bluetooth settings



- | | |
|-------------------------------------|--------------------------|
| 1. Home. | 7. Settings. |
| 2. Back to previous screen. | 8. Device name. |
| 3. Keypad. | 9. PIN number. |
| 4. Contacts. | 10. Auto Answer . |
| 5. Received / Dialed / Missed menu. | 11. Auto connect on/off. |
| 6. Paired Devices. | |

Notes:

If the auto answer feature is on, The Universal Luxx will automatically answer the call after three rings.

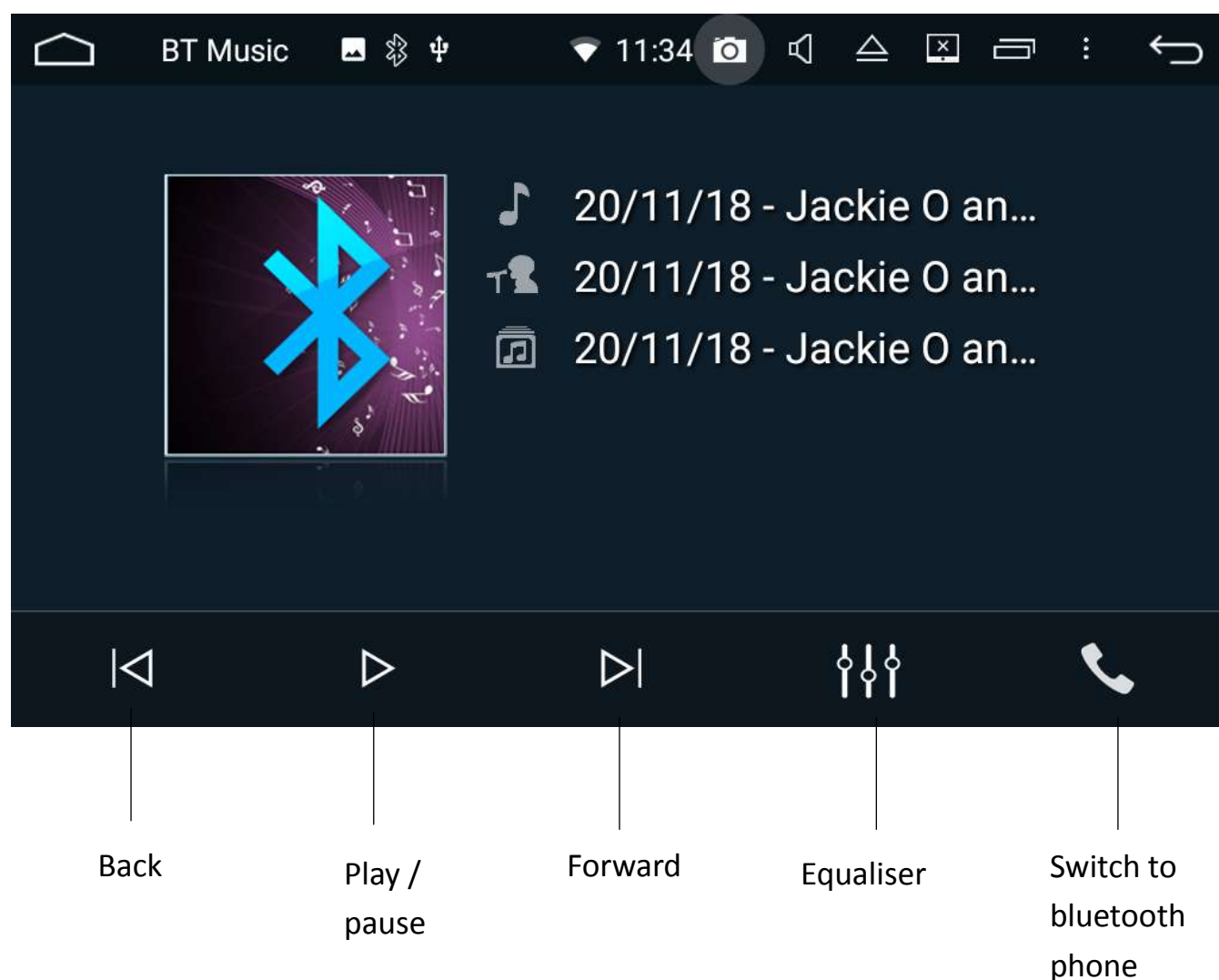
If Auto Connect is turned on, bluetooth will automatically connect to the last paired phone upon vehicle start-up.

Bluetooth Music

You can listen to songs on your bluetooth enabled device via bluetooth.

Select BT music from the main menu, choose your audio on your phone and the unit will stream your audio via bluetooth.

If you are listening to some type of playlist you can skip forward and back, pause and play through BT music

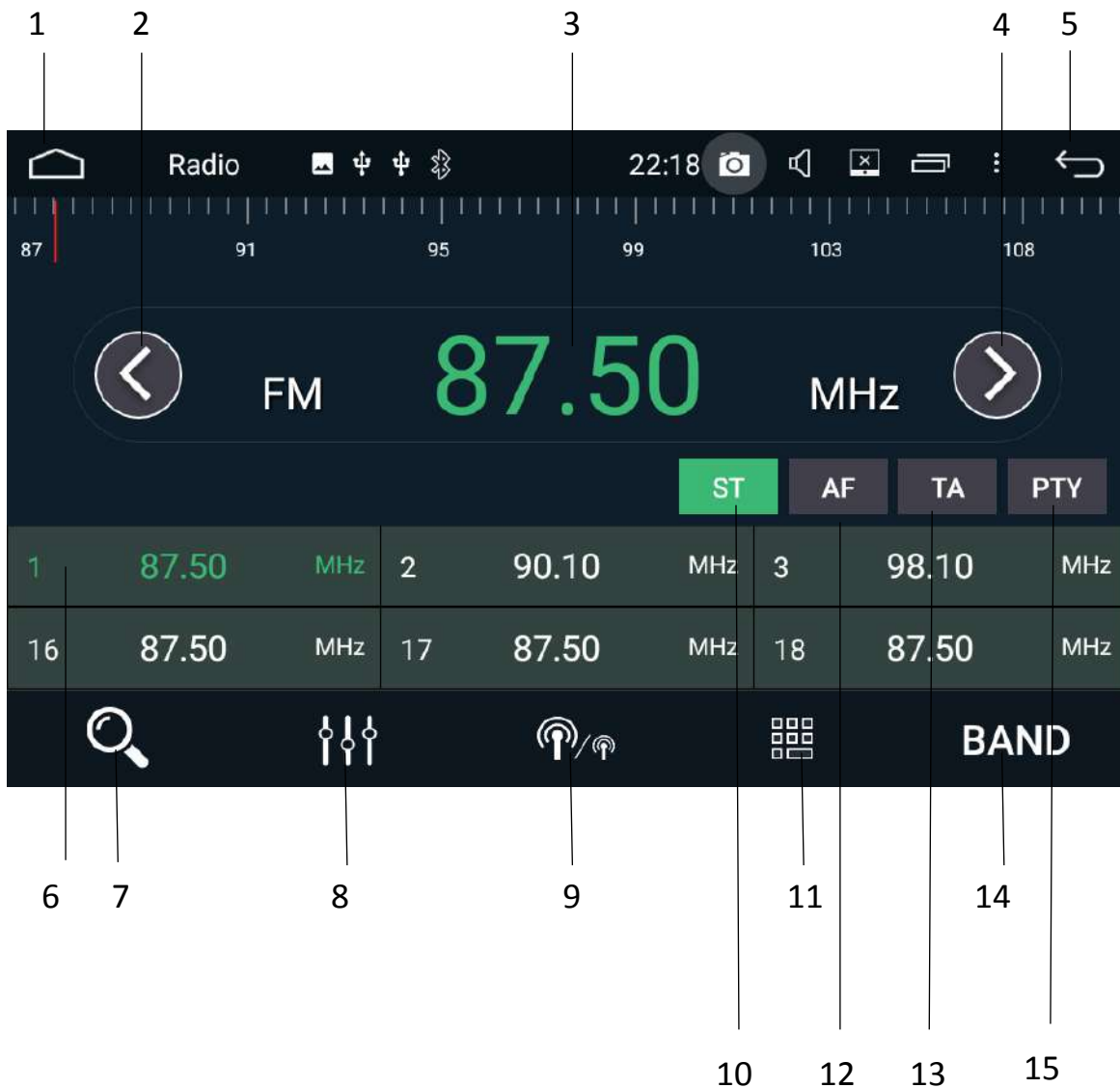


Notes:

BT music is limited in features, we recommend that if you use streaming services such as Spotify or Apple music to download the app directly onto the Universal Luxx.

Radio

The Universal Luxx has AM and FM built into it. You can set up to 30 FM pre-sets and 30 AM pre-sets. To see how to set these up, please see pages 7-8.

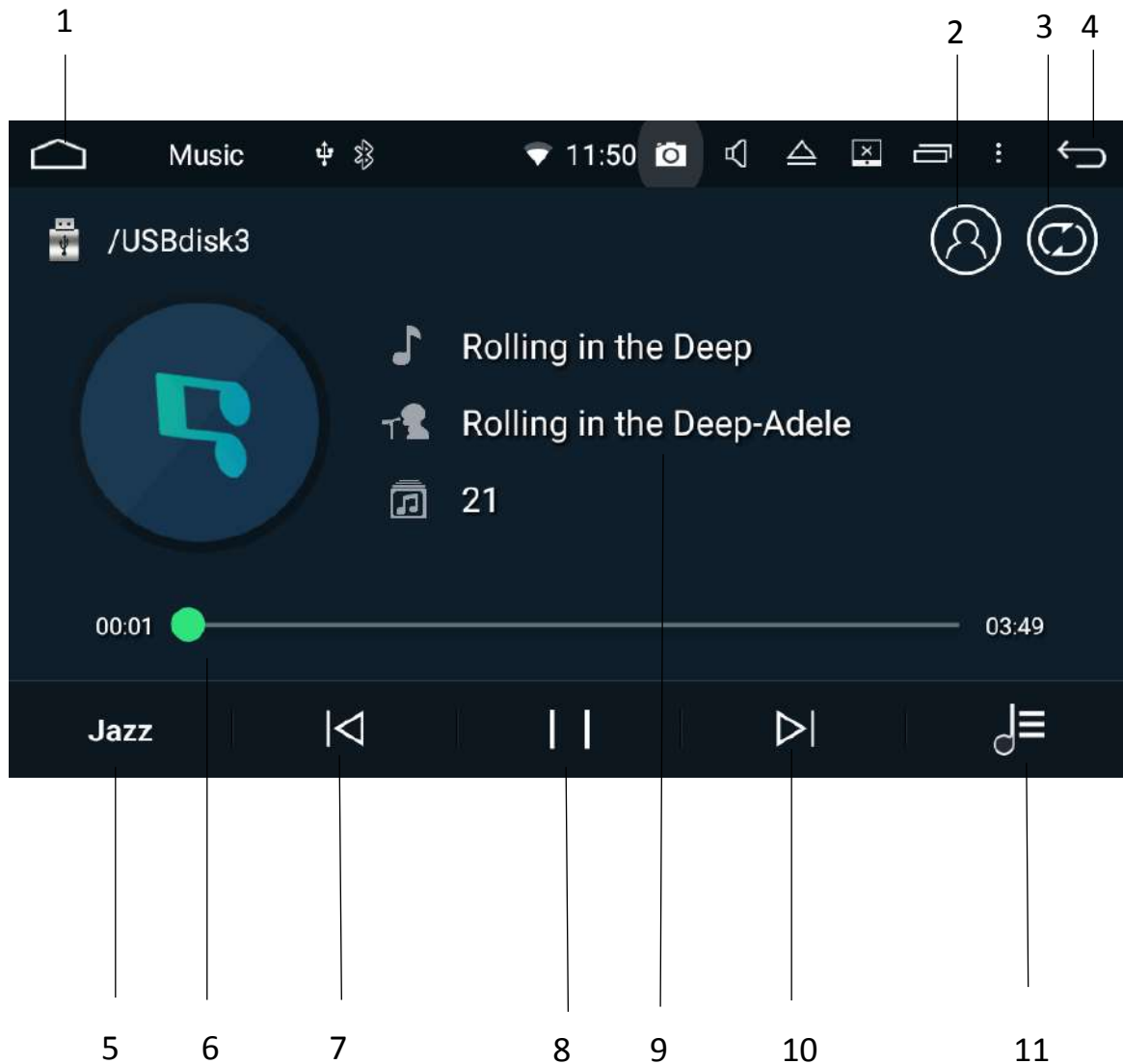


- | | |
|---|--|
| 1. Home. | 7. Automatic scan. |
| 2. Scan back through different stations manually.
Hold button down to scan. | 8. Equaliser. |
| 3. Radio frequency. | 9. Scan for Long Range (distant) or short Range frequencies (local). |
| 4. Scan forward through different stations manually.
Hold button down to scan. | 10. Stereo or mono sound |
| 5. Back to previous screen. | 11. Search for Radio station. |
| 6. Radio pre-set channel. | 12. Alternative Frequency. |
| | 13. Traffic Announcement. |
| | 14. Toggle between AM & FM frequency. |
| | 15. Program Type. |

Music via USB

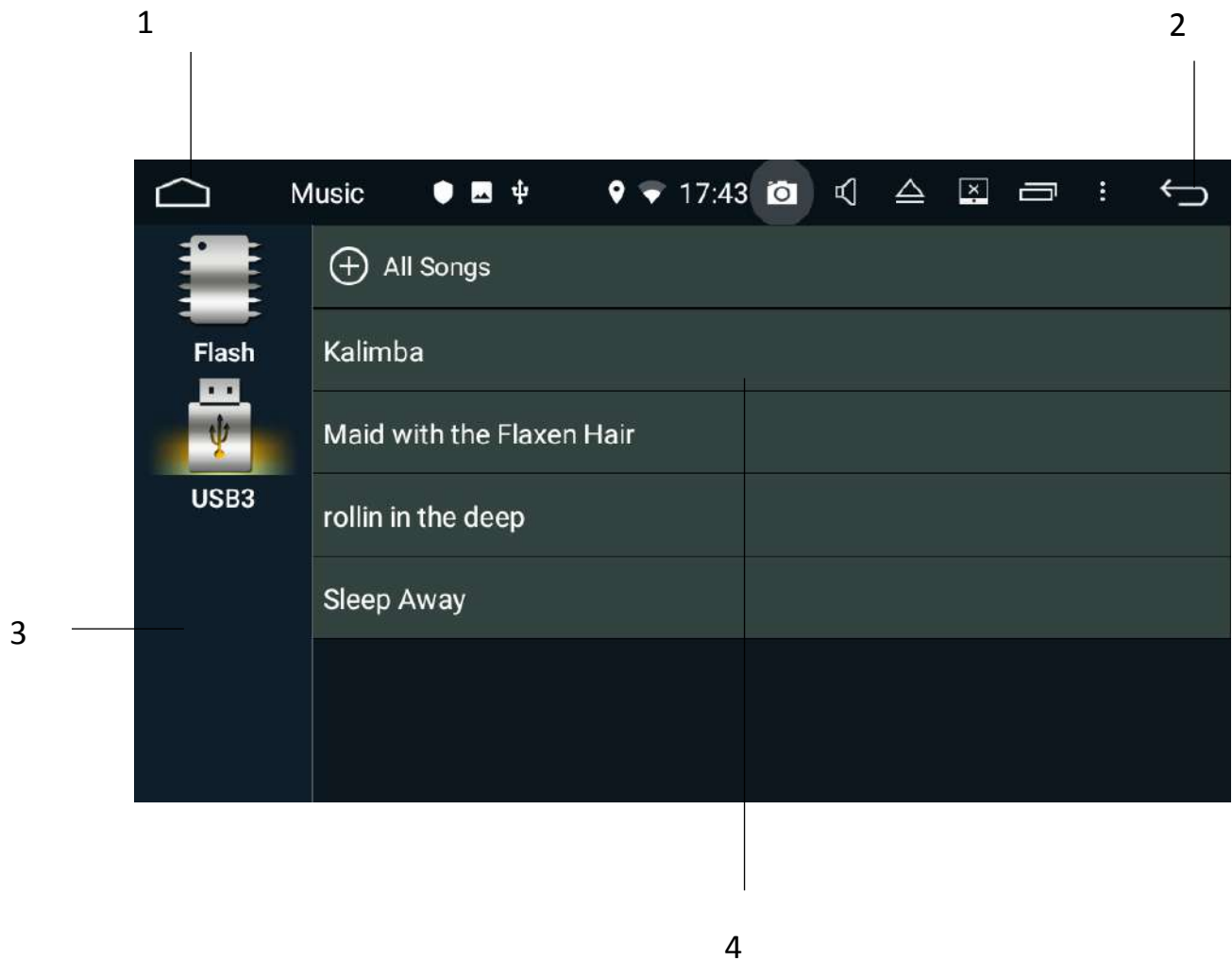
The Universal Luxx has 2 x USB ports. Two of the USB ports plug into the back of the head unit and are normally run into the glove box.

The Universal Luxx will take up to a 64GB USB.



- | | |
|---|--------------------------------|
| 1. Home. | 6. Time Elapsed Bar. |
| 2. Toggle between show song title only or song, artist and album. | 7. Skip Back. |
| 3. Repeat all / Repeat 1 / Shuffle. | 8. Pause / play. |
| 4. Back to previous screen. | 9. Song Information. |
| 5. Equaliser. | 10. Skip forward. |
| | 11. USB/SD card contents menu. |

USB / SD card Contents Menu



1. Home.

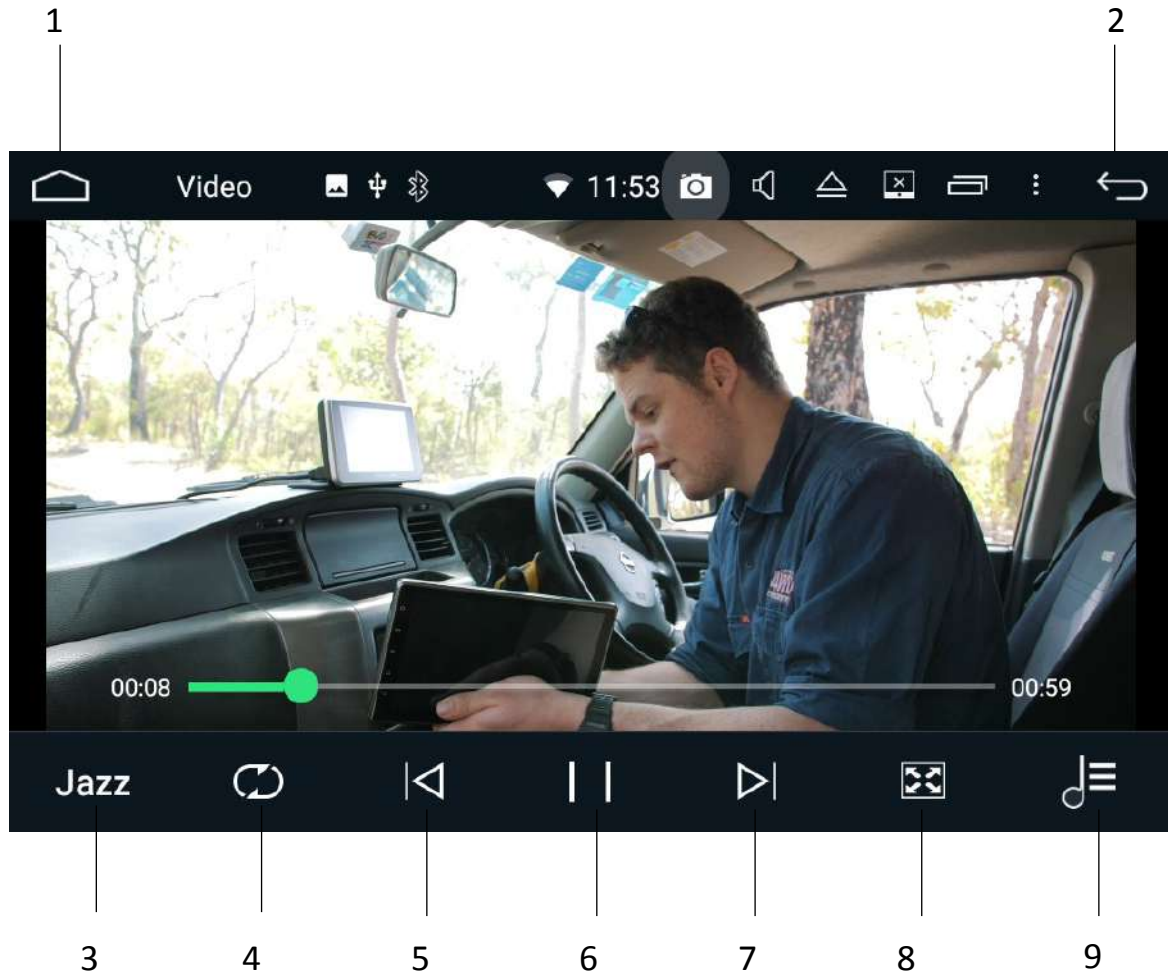
2. Back to previous screen.

3. Memory device list

4. Music files found on device

Playing movie files via USB

To view your movie files, select video from the main menu.

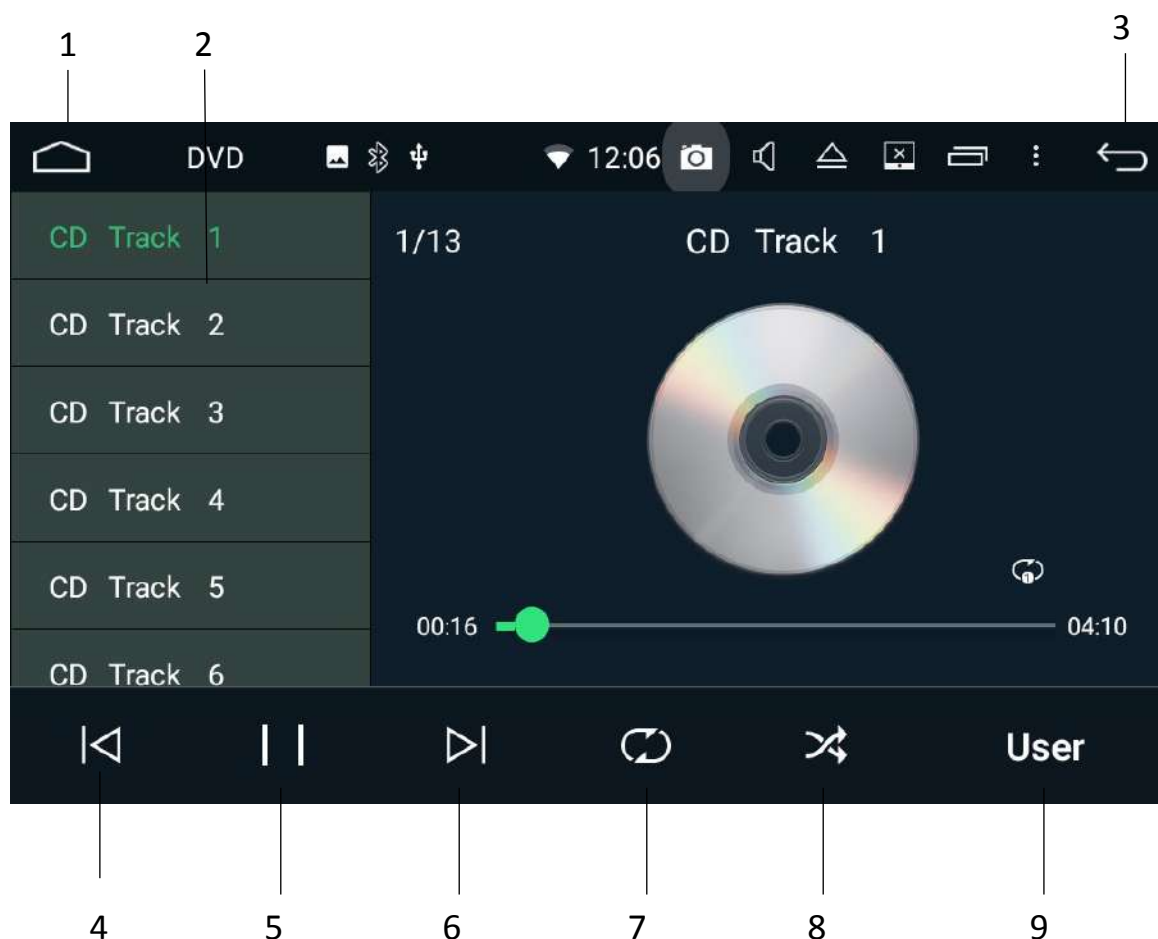


- | | |
|------------------------------|------------------------------|
| 1. Home. | 5. Skip back. |
| 2. Back to previous screen. | 6. Pause/Play. |
| 3. Equaliser | 7. Skip forward. |
| 4. Shuffle/Repeat/Repeat all | 8. Change to full screen. |
| | 9. USB/SD card contents menu |

CD player

Please insert a CD into the head unit.

If the CD doesn't load automatically, please select DVD from the main menu



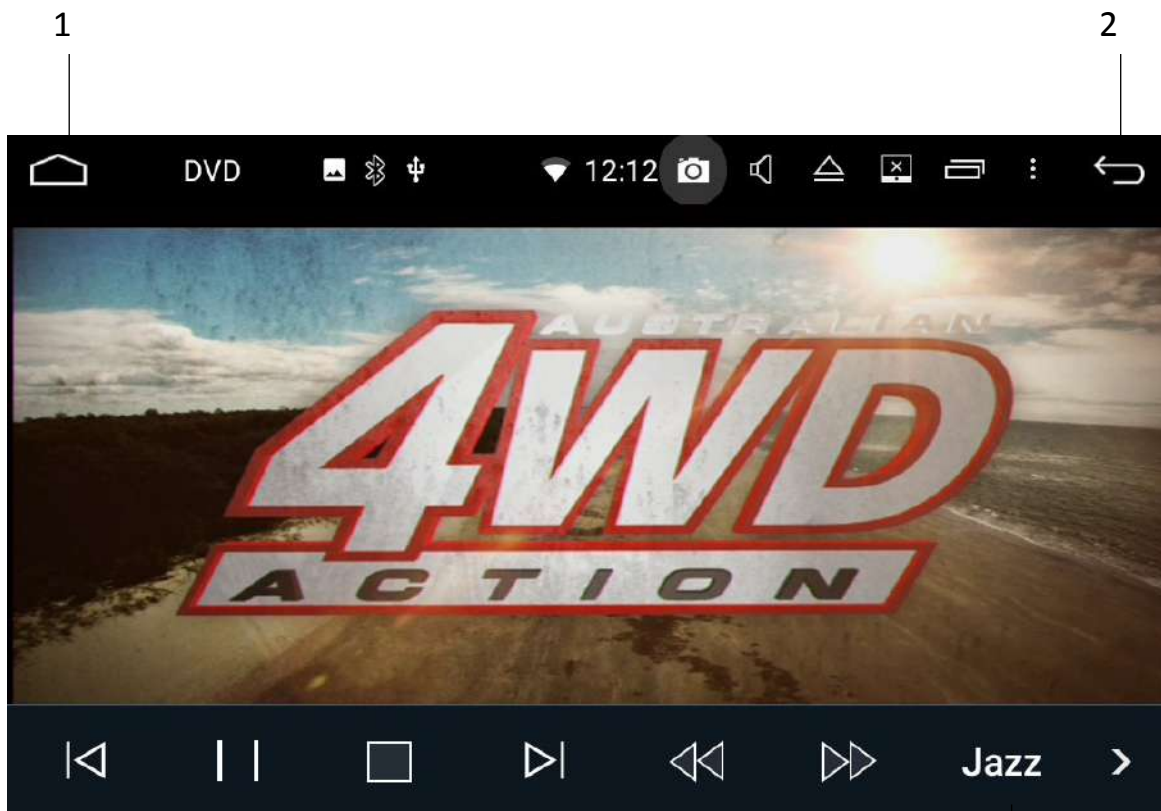
- | | |
|-----------------------------|---------------------------|
| 1. Home. | 5. Pause / play. |
| 2. Track list. | 6. Skip forward. |
| 3. Back to previous screen. | 7. Repeat 1 / Repeat all. |
| 4. Skip back. | 8. Shuffle. |
| | 9. Equaliser. |

DVD player

Please insert a DVD into the head unit.

If the DVD doesn't load automatically, please select DVD from the main menu





3 4 5 6 7 8 9 10



11 12 13 14 15 16 17

- | | |
|-----------------------------|---------------------------------------|
| 1. Home. | 9. Equaliser. |
| 2. Back to previous screen. | 10. More Options. |
| 3. Skip back. | 11. Go back to DVD menu. |
| 4. Pause/play. | 12. Subtitles on/off. |
| 5. Stop. | 13. Change language (if applicable). |
| 6. Skip Forward. | 14. Repeat 1 / Repeat All. |
| 7. Rewind. | 15. Shuffle. |
| 8. Fast forward. | 16. Filters through different scenes. |
| | 17. Back to previous menu. |

Navigation

You have your choice of street navigation or off road navigation at the time of purchase.

Tom Tom Street Navigation

If you have opted for the street navigation we will preload the mapping program onto a micro SD card at the time of purchase.

Please be aware that the mapping data is provided by Tom Tom (previously Whereis) but the software is run by iGo.

To enter into street navigation, please enter the iGo app from the main menu.

To download a copy of the navigation user manual please download the manual here:

<https://polarisgps.com.au/wp-content/uploads/2020/03/iGo-NextGen-Software-UserManual-2020.pdf>

HEMA Off Road Navigation

If you have opted for the off road navigation we will preload the mapping program onto a micro SD card at the time of purchase.

Please be aware that the mapping data is provided by HEMA but the software is run by OziExplorer.

To enter into your off road navigation, please enter the OziExplorer app from the main menu.

For help on how to use the OziExplorer android software please download the manual here: <https://polarisgps.com.au/wp-content/uploads/2019/05/Ozi-Manual-Android.pdf>

The HEMA maps and Tom Tom maps only require a GPS signal to work. No internet connection is required.

Google Maps

The Universal Luxx comes standard with the Google maps app already preloaded. Google maps is a great option for street navigation however please be aware that you will require some sort of internet connection to navigate.

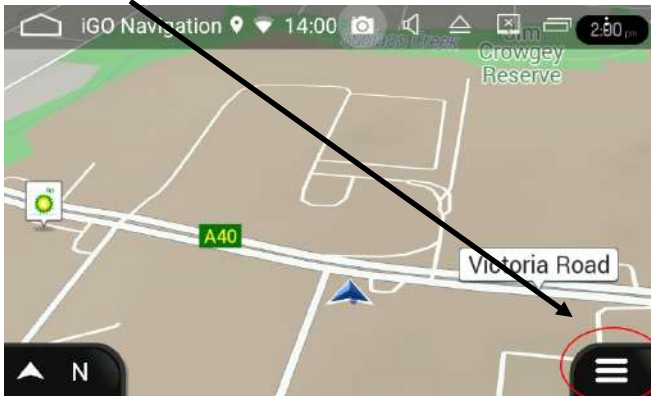
The most popular way to get internet connection whilst on the road is to use your mobile hotspot from your phone.

If you do not want to use any data to navigate then we suggest that you opt for the preloaded Tom Tom navigation.

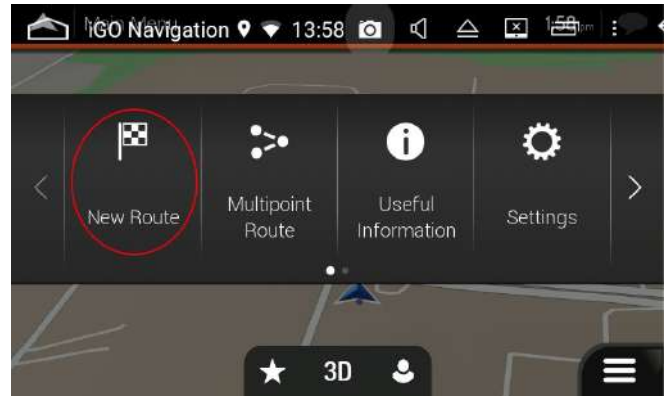
Camps Australia POIs

If you have purchased the Camps Australia POIs, please see below on how to find them in the iGo Australia

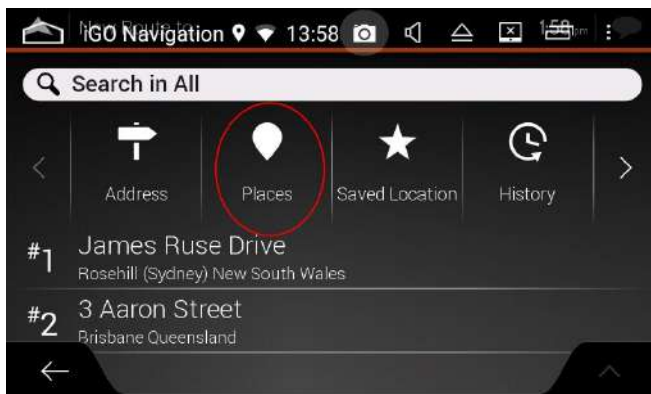
1. Select main menu



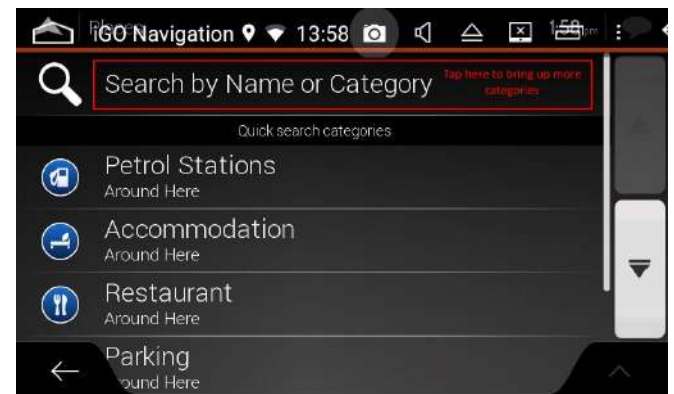
2. Select new Route



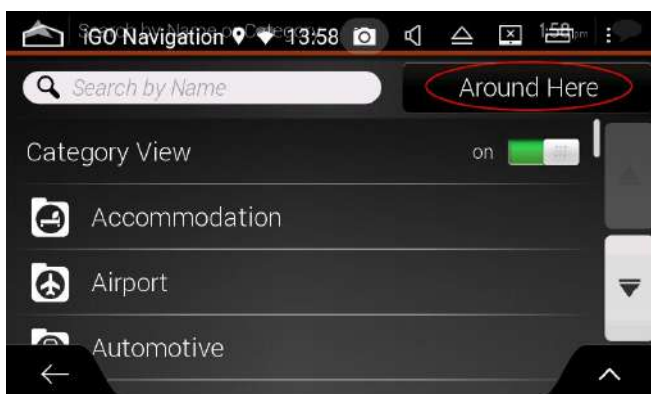
3. Select places



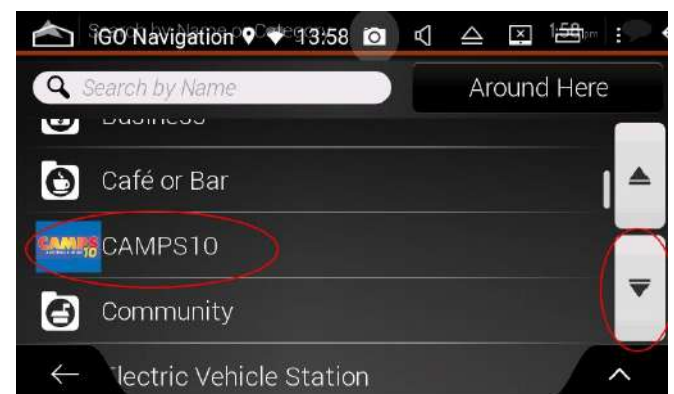
4. Tap in the search name or category bar



5. Double check where you want to search for your Camps locations. Please note that if there are no locations in specified area, the category will not appear.



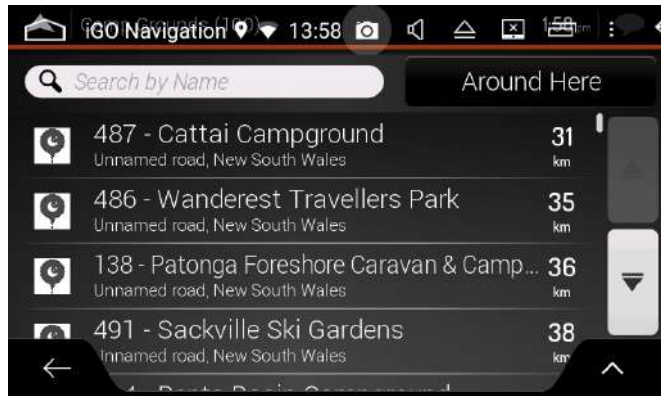
6. Scroll down and select the Camps logo



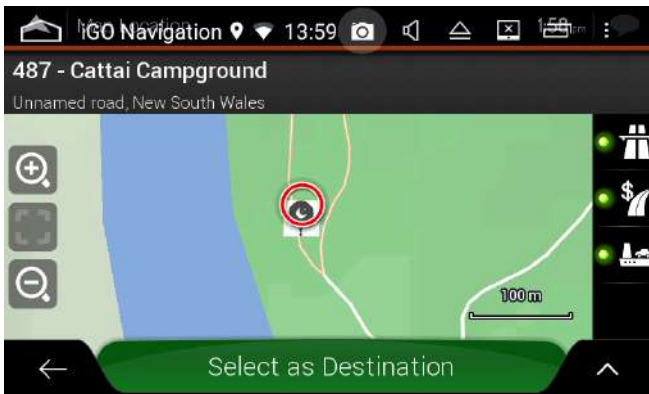
7. Select your Camps sub category



8. Select your Camps destination



9. Navigate to the destination



If you wish to view the Camps POIs on the map:

1. Select Main Menu
2. Select Settings
3. Select Navigation View
4. Select Map appearance
5. Scroll down until you see Place Markers
6. Scroll down until you see your Camps icon
7. Select show on map.

Other features



Gallery: View/Manage photos.



Amplifier: Sound management.



AUX in: Auxiliary in.



Google Chrome: Use Google Chrome to browse the internet when connected to Wi-Fi.



Clock: Show clock.



Email: Set up email account.



Google play store: Open Google play store for downloading apps onto the unit.



Google Maps: Opens Google maps for navigation.



Gmail: View / Manage your Gmail account.



Steering wheel study: Allows you to reprogram your steering wheel controls if necessary.



File Explorer: Explore all your files on the unit and on your external devices.



Search: Search the Universal Luxx.



CD/DVD—CD/DVD player.



Cam—View your additional camera.



GPS Info: Displays satellite strength information.



Voice search: Allows you to utilise OK Google with applicable apps on the Universal Luxx



Google: Open Google search bar.



DVR: Allows you to plug in an aftermarket DVR camera via USB for recording.



APK installer: Allows you to install and manage APK files.



AV Out: Audio / Visual Out.



Autoplay: Car Play / Android Auto USB dongle feature.



Adobe Reader: Allows you to view PDF documents.



Instructions: View the Universal Luxx instructions here.



Easy Connect: Android Drive mode or mirror your iPhone.



Manage Files: View, copy and paste your files here.

Settings

Network & Internet

Wi-Fi	Connect to local Wi-Fi network. Turn Wi-Fi on/off.
Mobile Network	Not applicable to this unit.
Data Usage	Wi-Fi Data usage. Network restrictions.
Hotspot & Tethering	Not applicable to this unit.
VPN	Add VPN details.

Apps & Notifications

App Info	Lists all the apps downloaded on the device. Ability to change individual Apps settings.
Notifications	Control which apps send you notifications.
App Permissions	Lists all the apps that are using certain permissions. For example what apps are using contacts or location.
Default Apps	Which apps are the default program.
Special App Access	N/A to this unit

Car Settings

Personal Settings	Allow music to play instantaneously when USB or SD is inserted. Power off delay if ACC off. Panel LED colour. Auto Illumination.
Navigation Settings	Set Nav software as default. Navigation sound—mixing vs switching.
Driving settings	Reversing volume on/off. Allow to watch video while driving. Rear View Ruler (add guidelines to reverse camera). Reversing Track Display. Reversing X mirror. Steering Wheel control settings.
Factory Settings	Password is 126—See page 33 For in depth Factory settings
Upgrade and restore factory settings	Update MCU. Update Android. Restore System to factory settings.

Display

Brightness Level	Adjust brightness.
Night brightness level	Adjust brightness for night.
Wallpaper	Select Wallpaper.
Font Size	Change font size.
Display Size	Change size of display.

Sound

Touch Sounds	On/off
Do not disturb Preferences	Block / unblock Audio or visual disturbances.
Default Notification Sound	Choose sounds for notifications.
Default alarm Sound	Choose a sound for alarm.

Screenshot

Select delay time to capture screen	How many seconds after you take screen shot will it take to save to your location.
Set location of screenshot storage	Choose location of where you want the screenshot to save to.
Show Screenshot in status bar	Will add screen shot icon in status bar.

Storage

Shows storage settings.

Security & Location

Google Play protect	Google play protect regularly scans apps for harmful behaviour. Shows the apps that were recently scanned.
Find My Device	Allows you to find the device in case it gets stolen.
Security Update	Security Update status.
Location	Shows what apps are using location.
Show passwords	Display characters briefly as you type on/off.
Device Admin apps	Allow Find my device and Google Pay to be device administrators.
Apps with usage access	Allows an app to track what other apps you're using and how often.

Users & Accounts

Accounts	Add / Delete accounts.
Automatically sync data	On/off.

Accessibility

Screen Readers	Text to speech output.
Display	Font size. Display size . Magnification. Large mouse cursor
Interaction controls	Click after cursor stops moving Auto rotate screen Touch and hold delay
Audio & on-screen text	Mono Audio Captions
Experimental	High Contrast text Colour Correction Colour Inversion

Google

Shows Google settings

System

Languages & Input

Date & Time

Backup

Reset

About Machine

Factory Settings—Password 126

Function

Please do not change any settings in function. Doing so could lead to particular features not working correctly

Radio

Radio Region Setting	Change Radio Region.
RDS switch	Turn RDS on or off.

Key

Panel Key Default Configuration	N/A to this unit.
Wheel Key default configs	N/A to this unit.
Panel Control Settings	Recalibrate the Touch panel keys.
Touch key study	N/A to this unit.
Touchscreen Calibration	Recalibrate the touch screen.

Canbus Settings

Change CANbus settings according to your vehicle. If you are using a special module you will not need to change any of these settings.

Amp Settings

Change amp volume.

App

Select apps to hide.

Other

Switch to Additional Camera after Reverse.

Multitasking Split Screen

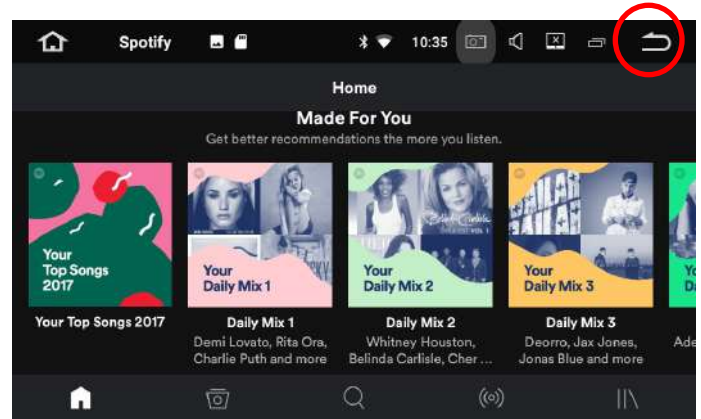
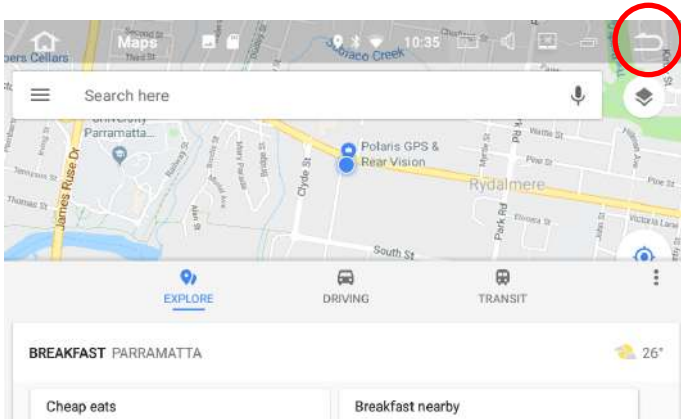
The Universal Luxx unit will allow you to view 2 apps at once via the multitasking feature.

Please note: Some apps may not be supported.

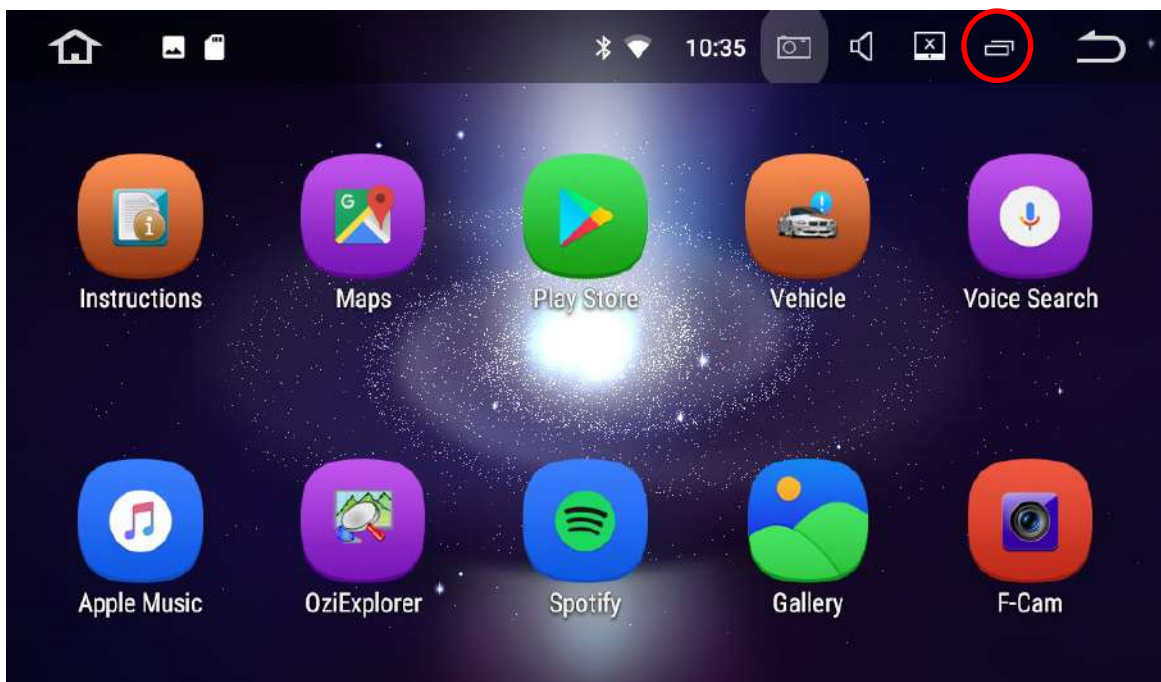
To view 2 apps in split screen, open the first app.

Once your first app has loaded, press the back icon to return to the main menu.

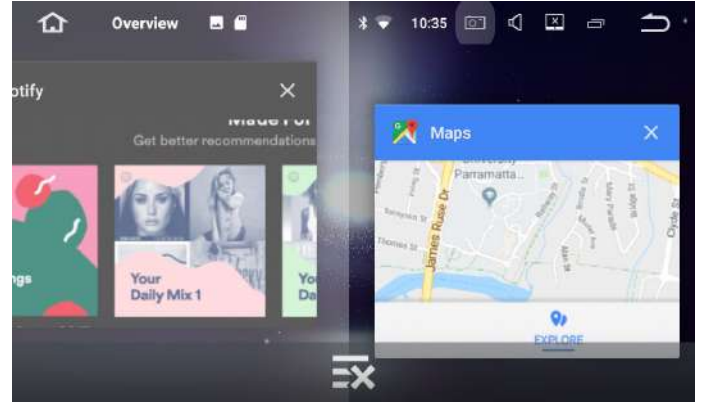
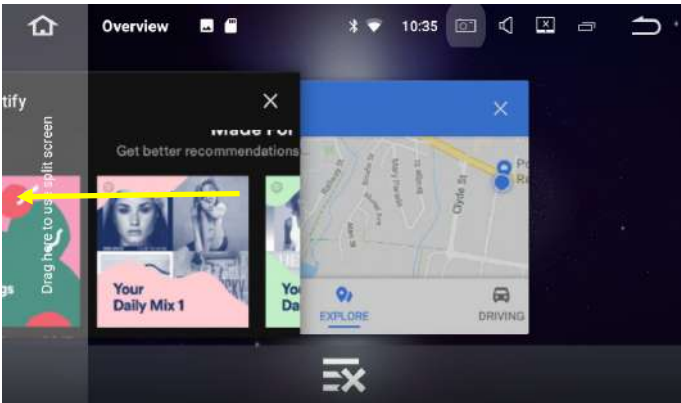
Open your second app and once this has loaded press the back icon to return to the main menu.



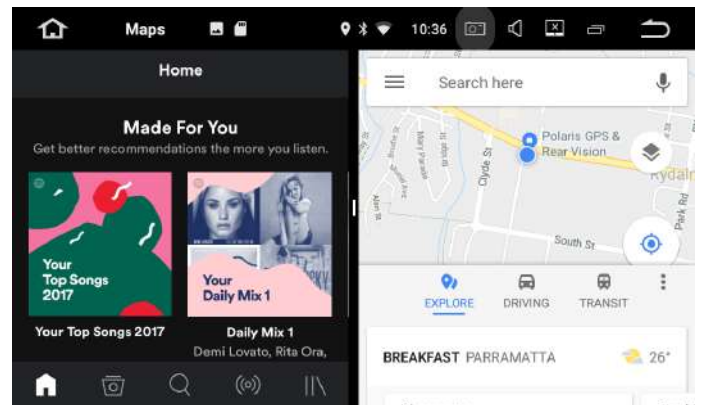
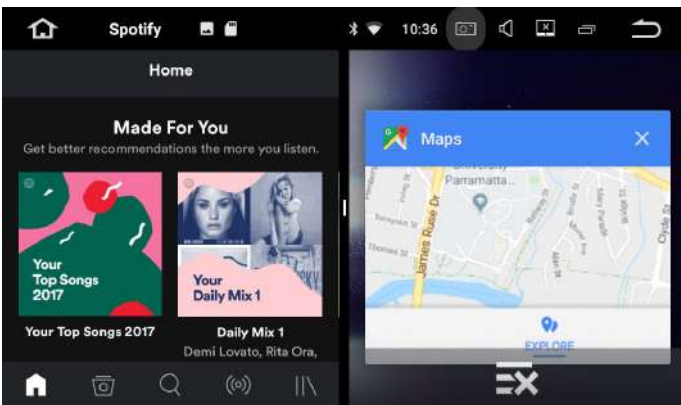
Select multitask icon from the taskbar up the top:



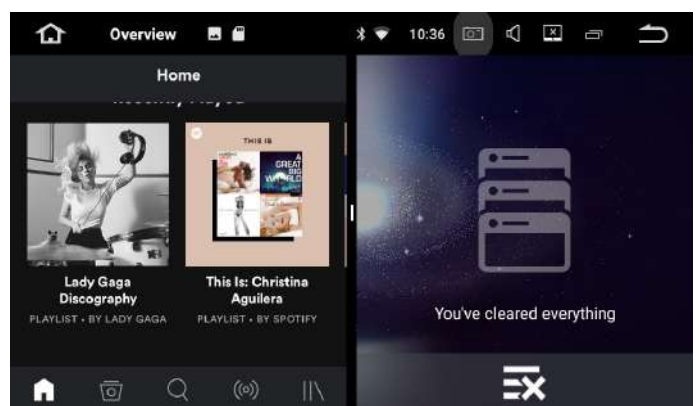
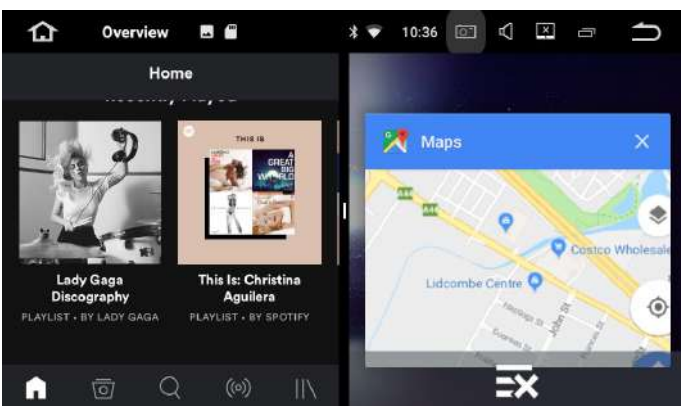
Drag your first app over to the left:



Tap the other app that you wish to view in split screen and it should adjust size and appear on the right hand side:



To exit multitask split screen, select the multi tasking icon and the right hand side app will appear with a cross underneath. Touch the cross to close the app.



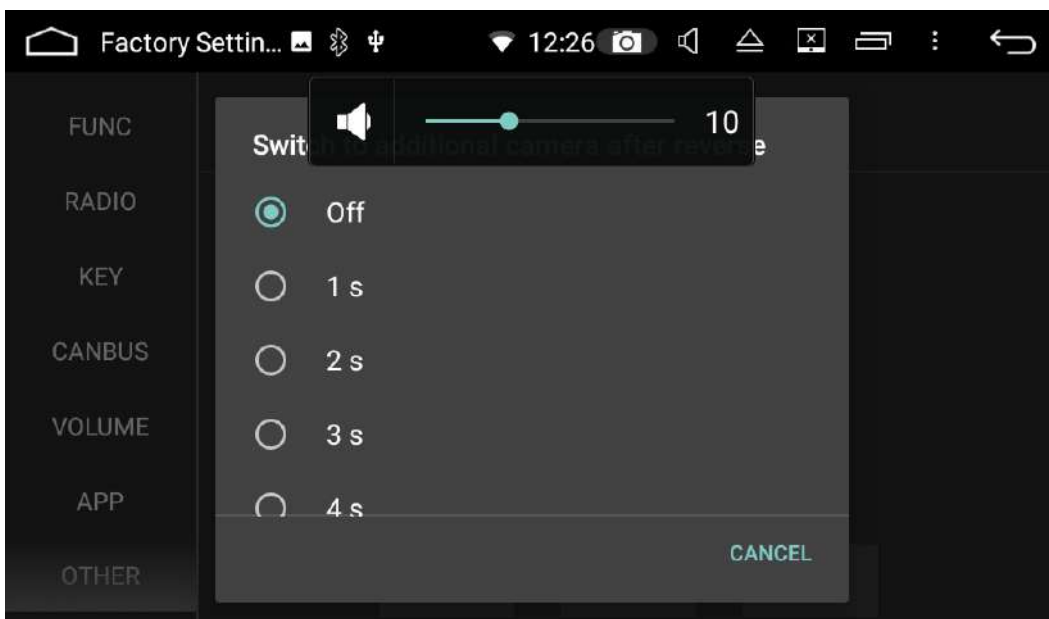
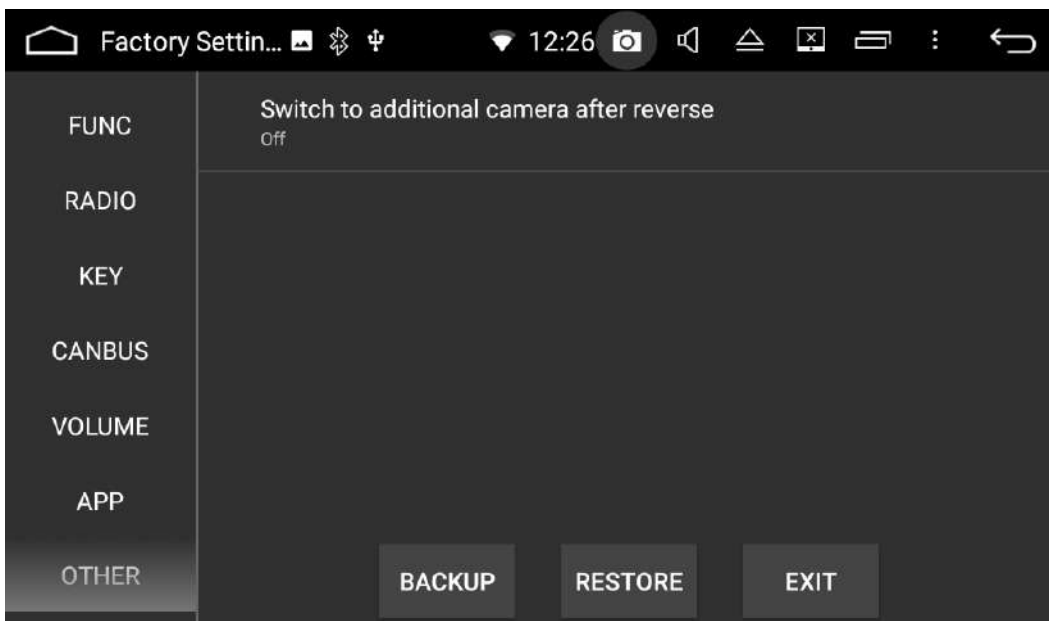
Simply drag the app that appears on the left hand side to open in full screen.

Please note: Some apps may not be supported.

CAM (use for a front camera or a an additional Reverse Camera)

The Universal Luxx will allow you to plug a an additional camera in via the front camera input.

If you wish to view the additional camera for a nominated time interval after reverse is disengaged then you can turn this function on via the settings > Car Settings > Factory Settings > Type password 126 > Select other:




Otherwise you can view the additional camera via the CAM icon on the main menu.

2 Camera Operation—How to view the cameras

If you have 2 reverse cameras (for example a reverse camera on the back of the tow vehicle and a rear camera on the back of a trailer) you can view both cameras while in reverse and driving forward:

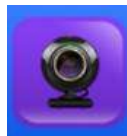
Viewing the cameras whilst in Reverse gear

When you engage reverse, the reverse camera will appear on the screen and to switch to the second camera (whichever camera is plugged into the “Front camera input”), hold in  on your touch panel. If this does not work please watch the video below on how to re set your touch button panel:


<https://www.youtube.com/watch?v=h44eQWVH1eg&t=1s>

Viewing the cameras whilst in Drive gear

From the main menu find your Cam App



The camera that will appear is your second camera (whichever camera is plugged into the “Front camera input”).

To switch to the Reverse Camera > touch the screen > select  icon on the screen

Car Play & Android Auto USB Add-on (Optional)

If you have purchased the additional car play dongle, Polaris will install the AutoPlay APK file for you so it is ready for you to use.

Step 1: Plug the USB dongle into one of the USB inputs.



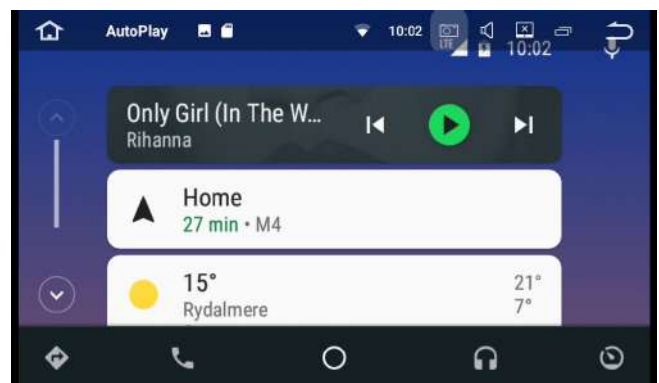
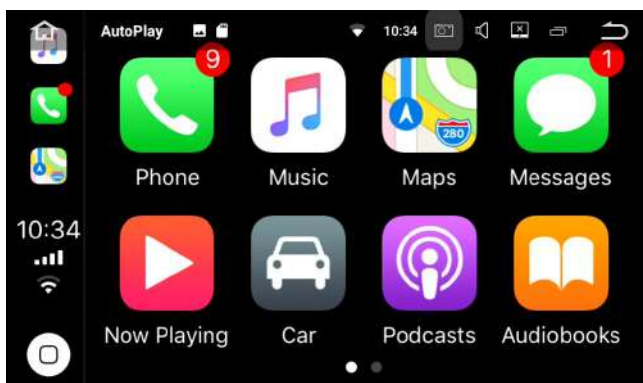
Step 2. Plug your phone in with your genuine cable into the dongle.

Step 3. Select AutoPlay from the main menu



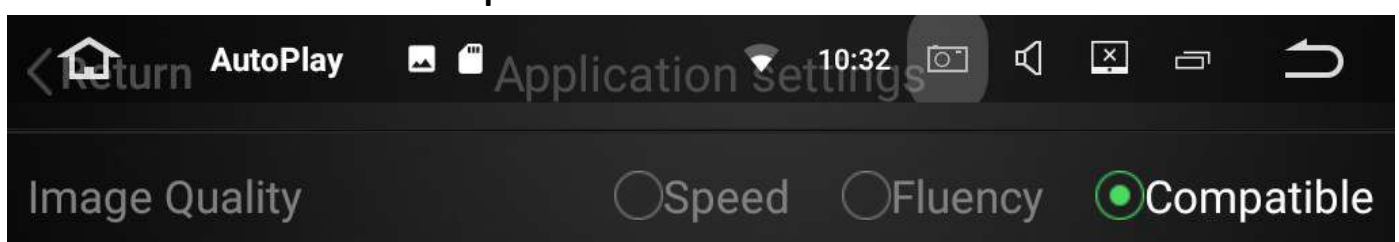
Step 4. Apple Car play or Android Auto should appear on screen (depending on which phone you have).

Please note: For Android phones, you must have the Android Auto app installed on your phone as well.



Troubleshooting

If you are having trouble with this device, unplug your phone and select settings in the top left corner and make sure **compatible** is selected:



Touch Button Panel



- | | |
|-----------------|-----------------|
| 1. Eject | 5. Volume down |
| 2. Standby mode | 6. Internal mic |
| 3. Home | 7. Reset Hole |
| 4. Volume up | |

Shortcuts



At any time you can hold or drag the status bar down to quickly access features such as: Wi-Fi, Bluetooth, Volume, brightness, Amplifier, speed management settings and general settings.

You can also access widgets, wallpaper and general settings by holding your finger down anywhere on the screen in the main menu interface.

Specifications

General Information

Monitor:	7.0" Capacitive Multi Touch Screen
Resolution:	800 x 480
Power supply:	DC12V
Video form:	PAL/NTSC
SWC:	Steering wheel controls need to be hardwired and programmed in*
OSD Language:	English
Wiring:	Universal ISO harness
Warranty:	2 years
Multi Camera support:	

2 camera input. Can upgrade to control boxes for 3+ cameras.

NOTES:

****Extra modules may be needed if the vehicle is Canbus***

Technical

CPU:	Rockchip PX5, Cortex-A53, Octa Core
RAM:	Samsung DDR3 2GB
Flash:	16GB
Radio:	NXP 6686
GPS module:	SIRF III
TFT Drive IC:	Rockchip PX5
Motor Drive:	Mabuchi
Amplifier IC:	TDA 7851
Bluetooth	IVT
Video Decoder:	1080P HW
DVR:	USB Camera
Screen:	Hanstar screen
GPS frequency:	1.5GHz

GPS Navigation:

Google Maps:	
Street Navigation:*	APP comes pre-installed on device. Internet connectivity Required Australia Wide TomTom Navigation with iGo Software platform loaded onto an SD card
Off Road Navigation:*	HEMA maps with OziExplorer platform loaded onto an SD card
GPS Dual Zone:	Yes, can listen to music whilst in navigation
GPS Language:	Multi-languages

NOTES: *

Choice of Street maps or Off Road maps at the time of purchase.

Radio Function

AM Frequency Range:	522KHz - 1620KHz
FM Frequency Range:	76.0 MHz - 108.0 MHz
FM Pre-set channels:	Set up to 19 FM pre-sets
AM Pre-set channels:	Set up to 12 AM pre-set channels

USB

USB Flash Drive	Supports up to 64GB
USB Inputs:	2 x USB inputs.
Supports iPod/iPhone/iPad:	For Charging only
File Formats Supported:	MP3/WMA/AAC/RM/LFAC/MPEG-1,2,4/H264/H263/VC1/RV/RMVB/DivX/JPEG/ BMP/GIF/PNG

Reverse Camera Function*

Reverse Camera input:	Yellow RCA jack
Reversing Camera:	Reverse camera comes standard with Universal Luxx
Reverse Trigger:	Reverse Camera will engage when vehicle is put into reverse gear


NOTES: *Optional Extra

Forward Vision Camera*

Forward Vision Camera input	Yellow RCA Jack
Functionality:	Once reverse gear is disengaged, the forward vision camera can be set to appear on the screen for a nominated time interval. The forward vision camera can also be viewed at any time by selecting CAM icon in the main menu

NOTES: *Optional Extra

Caravan / Trailer camera*

Input:	Can work via the front Camera input (provided you are not using a front camera).
Functionality	Can be accessed any time via the CAM icon via the main menu. Can also access additional camera whilst in reverse by holding in  on the screen to switch camera views.

NOTES: *Optional Extra

Car Play / Android Auto*

USB Dongle	Car play / Android Auto USB dongle available.
------------	---

NOTES:

Bluetooth Function

Hands free:	Yes, compatible with BT.2.0 for most brand phones
Import Phonebook:	Yes, with alphabetic search function
Stream audio via Bluetooth:	Yes
Supports external microphone:	Yes, included in the unit.

Wi-Fi

Power Supply:	Vcc_3.3V
Supported protocol/standard:	IEEE802.11B/g/n compatible WLAN
Interface type:	USB 2.0
Frequency:	2.4-2.484GHz
RF Power:	15dBm
Modulation:	OFDM/DBPSK/DQPSK/CCK

Audio Input & Output

Max power:	Built in 4x50w with internal amplifier
EQ:	10 band equaliser
Sound effects:	Pop, classical, rock, flat, jazz, custom, voice
AUX audio input:	Yes - L & R
AUX audio output:	RL out, FL out, RR out, FR out
Subwoofer output:	Yes
Test Voltage	13.8V

Accessories Included:

Universal Luxx Head Unit
GPS External Antenna
Bluetooth external microphone
Factory wiring loom for plug-and-play
RR,RL,FR,FL Audio out / VID out 1&2 / SUB
Vid in/AUX L / AUX R
Cam in / Front Cam in cable
2 x USB cables with bluetooth mic input


Troubleshooting

If you are experiencing any troubles with the unit, the first thing we advise is to try a hard reset first. Note: Please **DO NOT** attempt a Factory reset as your device ID will change. If you have the HEMA maps option and you perform a factory reset, you will need to pay for a new license which is \$40.00.


A hard reset is different to a factory reset. Please click the link below to see how to perform a proper hard reset of the unit.

How to perform a hard reset: <https://www.youtube.com/watch?v=KS35R08zvcY>

If a hard reset is unsuccessful, please see below some troubleshooting tips.

Issue	Troubleshooting tip
Bluetooth not pairing	<ul style="list-style-type: none">• Make sure your bluetooth is turned on• When searching for your phone via the head unit, make sure you are also in your bluetooth settings in your phone, otherwise the head unit cannot find your phone.• Make sure you are putting in the correct password (0000)• Make sure your phone has all the latest software updates• Try turning your bluetooth off and back on again on your phone• Try restarting your phone
My contacts won't sync / import	<ul style="list-style-type: none">• Make sure you allow your phone to share this information. Usually your phone will ask you as soon as you pair for the first time > click allow• If you have an iPhone, make sure sync contacts is switched on. Go into bluetooth settings > find the Polaris head unit connected and select  > Sync contacts > on
Bluetooth music isn't working	<ul style="list-style-type: none">• To get bluetooth music to work, you need to go into the BT music app first. Once you have selected this and can hear your music playing, you can press home and use other functions.
My touch panel buttons on the head unit aren't working	<ul style="list-style-type: none">• If you have tried a hard reset and this has not worked, you can manually set them. Please see video here on how to do this:
WiFi won't connect	<ul style="list-style-type: none">• Please make sure that you personal hotspot is on. Please see video here on how to connect to wifi using your personal hotspot: https://www.youtube.com/watch?v=_IfINgClyzM• Please double check that you have entered the correct wifi password. This is actually more common than you think. Forget the device and start the

Troubleshooting (Cont...)

When I press the navigation button/icon , it defaults as google maps	You can change this via settings. Go into settings > car settings > navigation settings > set a navigation software > choose which nav program you want as default.
My Ipod doesn't work	Unfortunately the unit does not support Ipods
I have a caravan camera but when I select reverse gear , my reverse camera shows up, I want to see my caravan camera in reverse!	The unit will always automatically default to the reverse camera when the vehicle is put into reverse. To toggle to the second camera hold down  on the touch button panel (not the actual touch screen). If this doesn't work, please watch this video on how to program in the touch button panel: https://www.youtube.com/watch?v=h44eOWVH1eg&t=1s
I have the carplay dongle and it isn't working properly.	Make sure the Autoplay app and dongle is all up to date. Please see video below on how to perform updates: https://www.youtube.com/watch?v=BnQnxwrDS2M
An app I installed on the head unit isn't working properly	Unfortunately we do not have control over third party apps but there are a couple of general things you can try: <ul style="list-style-type: none"> • Hard Reset (see page 44) • Make sure the app is up to date • Go into settings > Apps & notifications > App info > Select app > Storage > clear data. • Go into settings Apps & Notifications > App info > select app > select force stop and try to go into the app again. • Uninstall the app and reinstall.
I have the Hema off road maps with the Oziexplorer software and I cannot access any maps or it just keeps showing me a world map	<ul style="list-style-type: none"> • Please make sure that the map and data path file is set correctly. Please watch video below to see how to do this: https://www.youtube.com/watch?v=UsReDzQwjTU
I have the Hema off road maps with the Oziexplorer software and trial appears on the screen	Quit icon (red power symbol) > Yes > Reopen Oziexplorer app
I have a wifi dongle that has it's own sim card and when I plug it into one of the USBs it just shows a black screen	Please try it in another USB input. One of the USBs is dedicated to work best with the carplay dongle so if your WiFi dongle just needs power and it is plugged into the carplay dongle USB, you will have compatibility issues.
My steering wheel controls aren't working	Please see page 9 & 10 of your installation manual to see how to set the steering wheel controls.

If you have tried the above and are still experiencing issues, please call us on 1300 555 514 as a software update may fix the issue which we can send you via email.



Thank you for purchasing a Polaris product.

If you have any enquires or queries, please call Polaris on 1300 555 514.

Returns Procedure

The warranty on this unit is 2 years from the date of purchase.

If you are having problems with this unit, see page 44-45 for troubleshooting tips. If you have had no success then please follow these steps:

- 1) Please contact us on 1300 555 514 or email technical@poron.com.au as there may be a quick solution by changing some settings or running a software update.
- 2) If our technician has exhausted all options and determines that the unit needs to be sent back for assessment please visit www.polarisgps.com.au > warranty & returns > returns form. Please print and fill out the return form and include a copy with the goods. For a speedy return process please try and be as detailed as possible when describing the fault.

- 3) Package the item up and send back to:

TO: Polaris

ATTN: Returns

2/12a Distribution Place, Seven Hills, NSW, 2147

We suggest registering the parcel so that you have a tracking number in case the item gets lost in the post.

Polaris

2/12a Distribution Place, Seven Hills, NSW, 2147

Phone: 1300 555 514

www.polarisgps.com.au