

TCAT All In One Navigator
User's Manual
for NISSAN Universal
QZ-Q6902NS16A

Without written consent, any part of this user manual should not be used or re-published in any way. All the products and companies mentioned in the user's manual belong to their own proprietor. Specifications are subject to change without further notice! The user manual is for reference only; please refer to the product for actual operations.

COPY RIGHTS © 2014 ALL RIGHTS RESERVED.



TCAT All In One Navigator



Note:
Some pictures may vary from actual product.
Some functions/accessories are optional. Please check with your dealer/installer
for any questions.

Safety Precautions	01
Care and Maintenance	02
I. Multimedia	04
Quick Guide	04
1. Overview	04
2. Home Screen	05
3. Scroll Down Menu	09
Applications & Features	09
1. Bluetooth	11
2. Radio	16
3. Music	17
4. AUX	19
5. Gallery	19
6. Settings	21
7. Audio Settings	29
8. File Manager	31
9. Calculator	32
10. Browser	32
11. Calendar	33
12. Linkpod	33
13. Waze	34
14. Twitter	34
15. Facebook	35
16. Adobe Acrobat	35
17. Voice Search	36
18. Maps	36
19. Fast Charge	37
20. YouTube	37
21. TuneIn Radio	38
22. JOOX	38
23. Google Setting	39
24. PhoneLink	39
25. Voice Assistant	62
26. Remote control	63
27. Specifications	65
28. General	67



Safety Precautions



Note:

Please read this manual and any other info included, prior to using this product. It is important to be aware of the warnings for the safety of all users and the device.

- DO NOT setup or make any setup changes while driving vehicle. Make sure vehicle is stopped and parked safely before entering any set up info or changes.
- It is illegal and unsafe to play any video that may be viewable by the driver in most regions. Please obey all rules and regulations.
- Navigation is for reference only. Routes, reception, and road conditions may change without notice.
- Do not attempt to install or repair the device. Installation and repair of device is dangerous and should not be attempted by anyone other than an authorized installation or repair center.
- Do not touch the screen with sharp objects. Do not press against the screen with hard objects. Doing so will damage the screen display or touch screen.
- To ensure the device works normally and to prevent damage, do not expose the device to extremely damp air or liquids of any kind.

Care and Maintenance

This multimedia navigation system utilizes highly precise and sensitive technology and should be used with care. Please follow the following instructions to help you fulfill warranty obligations, and extend the life of your device.

- ❑ Keep all parts and accessories away from small children. It is not recommended to allow children less than 12 years of age to operate this device.
- ❑ Keep device dry. Exposure to water, liquids, or moisture may cause damage to the vehicle or device, and may cause physical injury.
- ❑ Do not expose the device and/or its components to excessive heat. Prolonged exposure to high temperatures will shorten the life span of electrical components, damage internal batteries, and/or warp/melt certain plastics.
- ❑ Do not expose the unit and its components to excessive cold. Uneven temperature changes can cause moisture to form inside the unit, or components to break, causing damage to the internal components or screen.
- ❑ Do not drop, bump or excessively shake the unit. Doing so may damage the unit and void the warranty.
- ❑ Do not attempt to open or disassemble the device. Doing so will void the warranty. If you are having issues with your device, consult distributor or authorized repair facility.
- ❑ Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- ❑ When using or storing this device, keep it away from electromagnetic and/or radioactive fields/equipment.
- ❑ Do not use sharp objects to operate the LCD touch screen, as it is very easily scratched. To operate, please use the tip of your finger.

Warning:

If you meet the following situations while using the device, this troubleshooting guide is meant to help you solve the problem quickly. If the problems are still not resolved after following this guide, please consult an authorized repair or installation center. Do not disassemble or remove the device! This may void your warranty, and/or lead to personal injury.

Some applications in the system are for demo purpose only. User must buy full version online for extended use.

I. Multimedia**Quick Guide****1. Overview**

1. Power key

2. Volume + key

3. Volume - key

4. Home key

5. Back /Exit key

6. IR Signals

7. Microphone

8. USB & Aux port

9. Micro SD card slot

10. Reset slot (RST)



2. Home Screen

The home screen is the starting screen. PhoneLink, Spotify, Waze, Apps shortcuts, Music, Radio, Bluetooth. Apps shortcuts are displayed on the home screen. Tap any icon to go to the corresponding application page.

To return to home screen press the  button on the front panel/screen, or the  icon on the LCD screen.



Switching apps

Select  icon on Main Interface menu to launch the Background Program. Simply clicking on the required Program, can switching apps, sliding left or right, will close the background apps. Click  icon can close all the background apps.



screen off/on

Click  icon, the screen turns off. Click any point on the screen will turn on the screen automatically.

Back

Click icon, return to previous screen.

How to drag icon to main menu or other pages.

Main interface are the most common use apps.

Click "App" to enter in apps interface as shown below. Press & hold the app icon, the screen will shift to home screen. Drag the icon to replace existing icon or move to left/right to place in another page.



Before



After

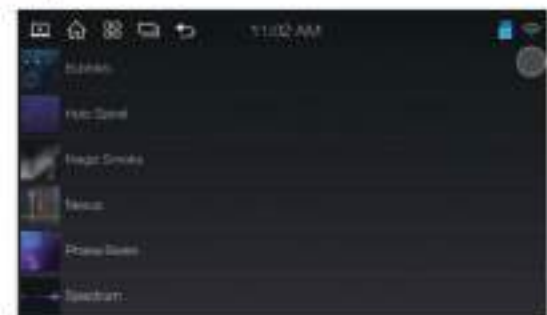
How to change wallpaper

Long press at any point on the home screen until message as per below appears.

Select "Live Wallpapers" or "Wallpapers".



Live Wallpapers : Tap an image to preview the image with motion, then press "Set wallpaper" to change.



Wallpapers : Tap an image to preview it, then press "Set wallpaper" to change.



3. Scroll Down Menu

Drag the status bar down to open the scroll down menu.

To close, press icon.

Default quick functions: Wi-Fi, Mute, Hotspot, Reboot, Settings, Voice assistant and Volume +/-.

Customize quick apps: Press to select desire function from the list.



Default quick function

Customize quick apps

Applications & Features

Application List

Press to enter application page.



Application



Page 1
* Swiping left or right for page 1 or 2



Page 2

1. Bluetooth

Bluetooth is a short-range wireless communications technology. It provides a convenient connection between your car navigation system and mobile phone.

Note: The Bluetooth communication range is approximately 5 meters.

■ Connectivity

- Turn on mobile phone's Bluetooth function.
- Tap Bluetooth on Navigator Home Screen
- Tap 'New Devices' to search for your device and select the correct device name.
- On your mobile phone enter the pin code 0000 to pair with navigation system.

■ Dial or Answer a Call

Using Bluetooth function to dial, receive and reject calls.

Note:

1. Please ensure the mobile Bluetooth has been connected with the car navigation system.
2. Multiple calls are not support for this device.

Dial a Call using Keypad

Enter the number on the keypad, and then tap  dial.



Dial a Call from Contacts

Tap 'Contacts' function, search from contact list.

Tap on the contact name to dial.

Answer a Call

Tap dial icon to answer an incoming call .

To end/decline a call, tap the decline icon .



Switching the Call

During the call if you want to switch the audio from car speakers to mobile speaker tap  icon.



■ Contacts

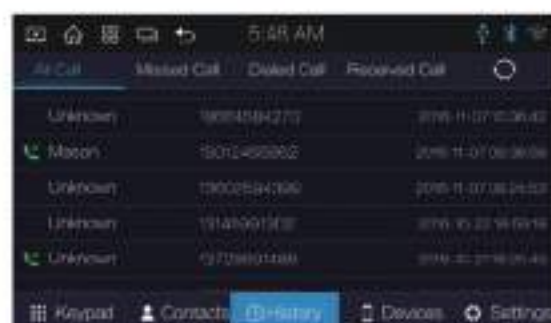
Contact list will be synchronized to the system when you tap  icon. Please click 'Yes' when 'Contacts Permission' messages appear in your mobile phone to allow phonebook downloading. After the phone book stops updating, you can see all the contacts here.

To update new contacts Sync Address Book again by tapp .



■ History

All Call, Missed Call, Dialed Call and Received Call records will be synchronized to the navigation system when you tap "  ". Tap the All Call icon to view missed call, dialed call and received call records.



Missed Call

Tap the Missed Call icon to view missed call records.

Dialed Call

Tap the Dialed Call icon in the History of Bluetooth interface to get dialed call records.

Received Call

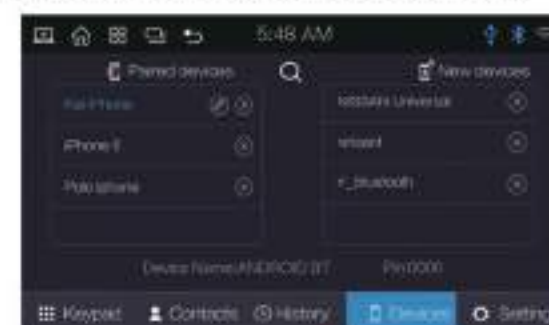
Tap the Received Call icon in the History of Bluetooth interface to get received call records.

■ Devices

View paired Bluetooth devices and new devices.

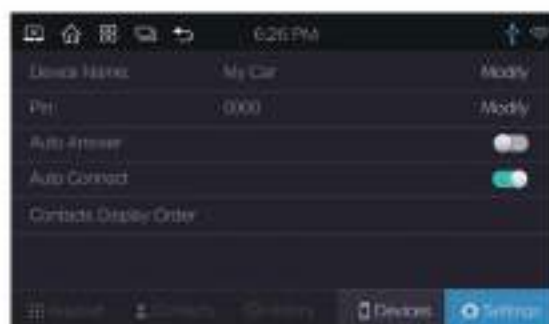
- To search a new device, tap .
- To connect a new device, search the device name as shown below from your mobile phone and select the name. Pin:0000
- To reconnect a device, select the device and tap .
- To disconnect, select the device name and tap .
- To delete a device from list, press .

Note: You can also slide left to disconnect or delete the device.



■ Settings

Enter settings page in the Bluetooth interface to view or modify the device name and Pin code.



Note:

- Auto Answer: Incoming call will be answer automatically if turn on.
- Auto Connect: Previously paired mobile phones will be connected automatically if turned ON.
- Contacts Display Order: Tap to change the display interface, first name, last name or last name, first name. After change, please download the phonebook again.



2. Radio



■ Listen to the radio



–Tap the Radio icon on the home screen to listen to the Radio.



■ Icon function

- ◀ Tap once: increase 0.1 MHz
Touch & hold: scan previous station
- > Tap once: decrease 0.1 MHz
Touch & hold: scan next station
- 🔍 Tap it to Search All available radio stations.
- ❤️ Tune to desired radio frequency; tap this icon to save in the list. To remove from list, tap this icon again.
- ☰ Tap it to view scan result. User can select or save all the stations.
- ⚙️ Tap to select radio station region.
- 🔊 Tap this icon to enable or disable AF (Alternative frequency) features.

3. Music

Listen to your favorite music in the music player.

The system will scan all the music files in iNand and SD/USB device and automatically add them to the playlist iNand is the device built-in storage for user media files.



■ Play music

1. Tap Music application to enter the music interface.
2. Tap iNand, SD, USB, Linkpod or BT Music.
3. Tap  to select song / Press play

Control playback with the following icons:

 Tap once to go to previous song.

Long tap for fast rewind.

 Pause playback

 Resume playback.

 Tap once to go to next song.

Long tap for fast forward.

 View all song (iNand/SD/USB)

 View current playlist

 Search for song title

 Save as favorite

 Sequential play/Repeat current song/Repeat all songs/Shuffle on

 Audio setting (refer to audio setting page)

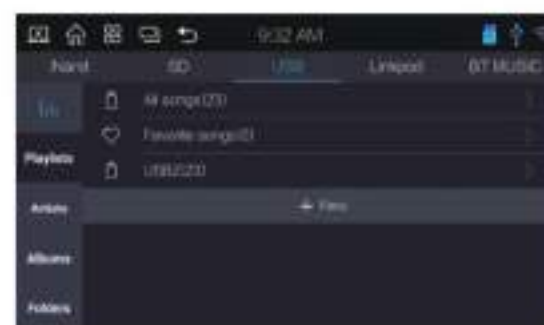
Music Management

1. Tap  to view the current playlist.
2. Tap a music file to play or choose "Play All" to play all songs.



Music Library

1. Tap  to enter the Music Library (Playlist, Folder, Albums and Artists)
2. All songs are sorted by Playlist, Folder, Albums and Artists, choose the desired song in this library to play.
3. In Playlist, you can find the songs from iNand, USB, SD card, Linkpod from your favorite songs list.



4. AUX

■ Activate/Deactivate AUX Function

Note: Connect your device to Aux port located at Navigator unit before start using this feature.

1. In the application list, tap AUX.
2. If you want to exit or stop listening to the audio from the device, tap  and exit.
3. If you want to adjust the audio effect, tap Audio Setting and select your favorite effect. For details refer to Audio setting.
4. Aux 1: headunit AUX port
Aux 2: vehicle AUX port (if fitted)



5. Gallery

Tap to enter gallery to view photos, run a slideshow and set photos as the wallpaper. You can view pictures via iNand, SD, USB1 and USB2.

■ View a photo

1. Tap "Gallery" in the applications list.
2. Tap a source (iNand, SD, USB1 or USB2)



3. Tap a photo to view.

Tap  or  to view the pictures.



■ Icon Function

-  **View Previous:** View the previous picture
-  **View Next:** View the next picture
-  **Rotate left:** Rotate a photo anti-clockwise
-  **Rotate right:** Rotate a photo clockwise
-  **Slide show:** Start a slide show in the selected folder
-  **Wallpaper setting:** Tap it to set the picture as wallpaper

6. Settings

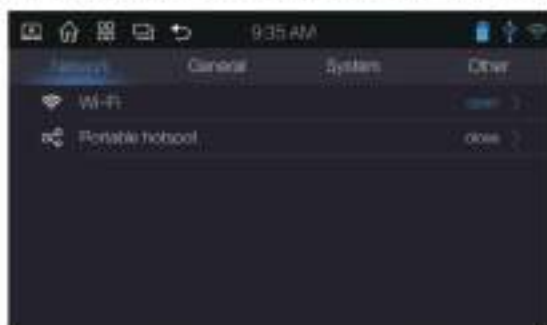


Tap "Settings" in the application list page to adjust Network/ General/ System/ Other.



■ Network

Tap Network in the setting interface to select Wi-Fi or portable hotspot features.



Wi-Fi function

1. Tap Wi-Fi or long press Wi-Fi button in the scroll down menu to enter the Wi-Fi setting interface.
2. Press button on the top right side to turn on/off the Wi-Fi function.
3. When Wi-Fi is turned on, your device will automatically scan for available networks and display them.

4. Tap the network you want to connect to. When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.



Portable hotspot function

1. Tap to enter the Portable hotspot interface.
2. Tap "Portable Wi-Fi hotspot" to turn it on/off.
3. Tap to set up Wi-Fi hotspot.

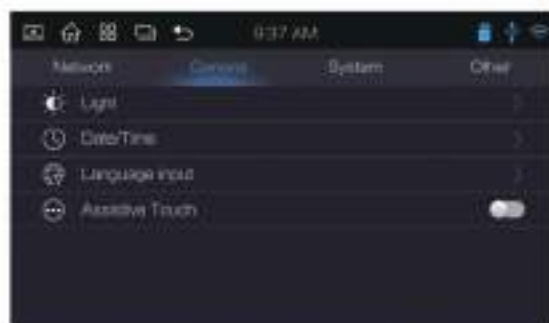
Note: select show password to view the default password.





General

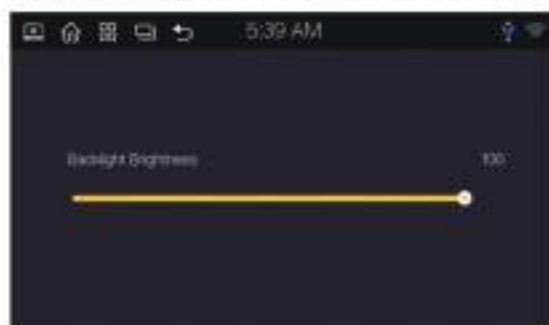
View/Modify day/night brightness, date/time, language and assistive touch.



Light

1. Adjust the brightness by sliding the bar on the screen.

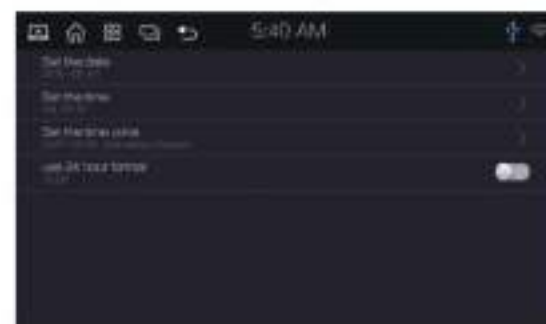
Note: Turn on the illumination light to adjust brightness for night.



Date Time

1. Manually set the date, time, time zone and time format.

Note: Date/Time will be update automatically once received GPS signals.



Language & input

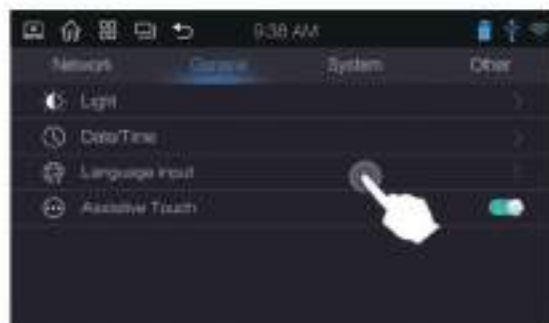
1. Tap "Language & input" to enter and modify the language & input.



Assistive Touch

1. Tap to turn on the Assistive Touch

2. There will be five quick icons: Mute, Home, Back, Voice Assistance and Volume when you press on transparent round icon.



System

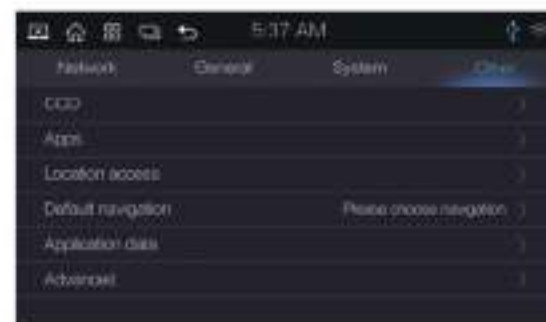
Tap to upgrade the system, reset devices to factory defaults or view device information and version.

Caution: reset to factory mode will erase all the system data and account!



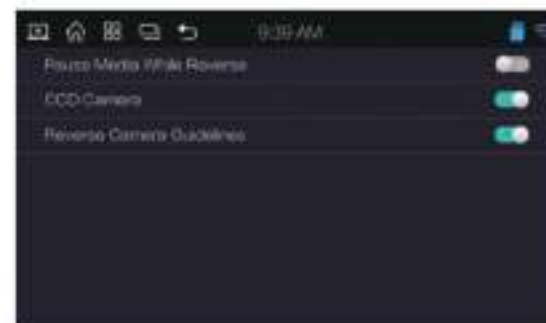
Other

Set the CCD, Apps, Location access, Default navigation, Application data or Advanced.



CCD

1. Tap to turn on/off the Pause Media While Reverse.
2. Tap to turn on/off the CCD Camera.
3. Tap to turn on/off the Reverse Camera Guidelines.



Apps

1. Tap "Apps" to enter the manage apps interface.
2. Slide to left to view downloaded and running apps.

Caution:

Preloaded apps cannot be uninstalled

Force stop an application may cause devices unstable or application error.

**Location access**

Tap "Location access" to enter the location access interface.

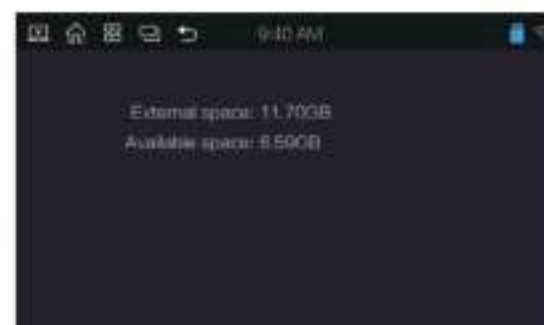
**Default navigation**

1. Tap "Default Navigation" to enter the default navigation setup interface.
2. Tap "maps" and then tap "OK" to set the app as the default navigation app.

**Application data**

1. Tap "Application data" to enter the Application data interface.
2. Available space for data and files.

Note: Please delete files or clear data if insufficient space happened.



7. Audio Settings

Tap "Audio Settings" in the applications list to enter the Audio Settings interface.



EQ

1. Tap "EQ" in the audio setting menu to display the 10 bands EQ and preset EQ settings.
2. You can select desired band or adjust manually.



Speaker

1. Tap "Speaker" in the audio setting menu to display the speaker settings.
2. Adjust the sound of the four speakers by sliding the bars.
3. Adjust the treble, bass or turn on/off the surround sound.
4. Tap the "Reset" button to return to the default settings.



Sound

1. Tap "Sound" in the audio setting menu to display the advance settings.



Master Volume: Adjust volume for all functions.

Bluetooth Call: Adjust volume when receiving call volume is too low/loud.

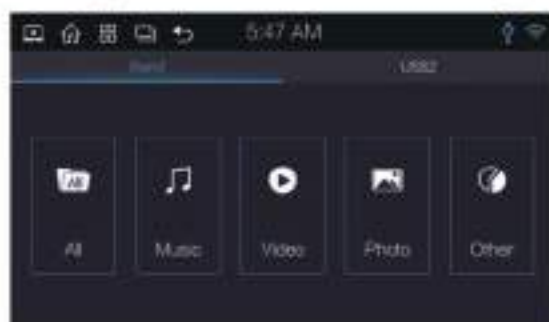
Bluetooth Ring: Adjust ring-tone volume when receive incoming call.

Navigation: Adjust navigation volume

Media: Adjust volume for media apps (music, BT music, YouTube, Spotify and etc).

8. File Manager

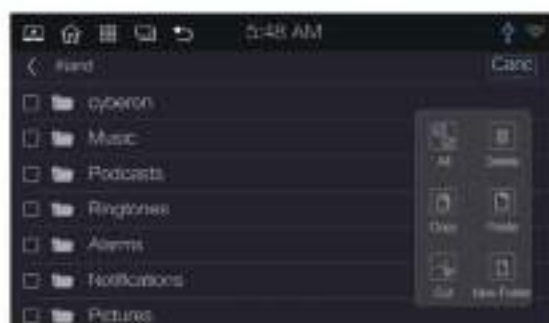
Tap "File Manager" in applications list to enter the File Manager interface.



Caution note:

Do not delete files inside iNand except for files copied by user. Delete the iNand files may cause system error or abnormal function.

User can delete, copy, rename, paste and etc between the iNand, USB and SD card.



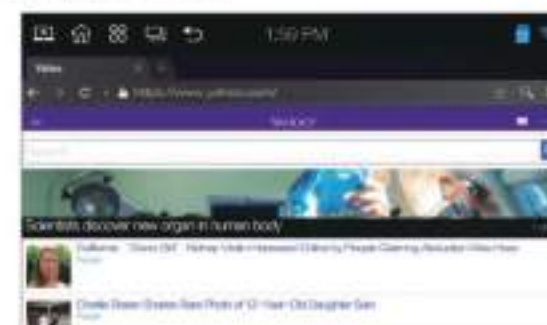
9. Calculator

Perform mathematical calculations directly on your device like a hand-held or desktop calculator.



10. Browser

Surf the internet using the browser.

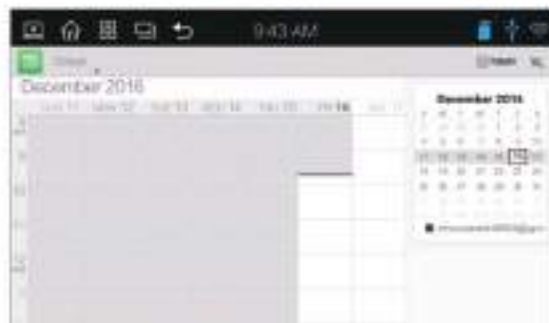


Note: Connect to a hotspot network with internet data connection to use the app.

11. Calendar



Tap the calendar icon in the application list to use this function.

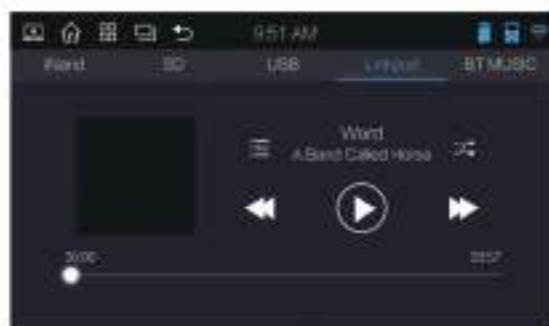


12. Linkpod



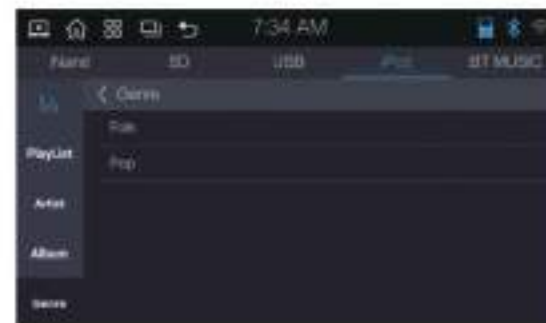
In the application list, tap Linkpod to enter the Linkpod Interface.

–Connect your device to Car Navigation System with data cable.



Use the Audio interface to check the Playlist, Artist, Track, Album, Composer, Audiobook and Genre.

13. Waze



Note: Connect to a hotspot network with internet data connection to use the app.

14. Twitter



Note: Connect to a hotspot network with internet data connection to use the app.

15. Facebook



Note: Connect to a hotspot network with internet data connection to use the app.

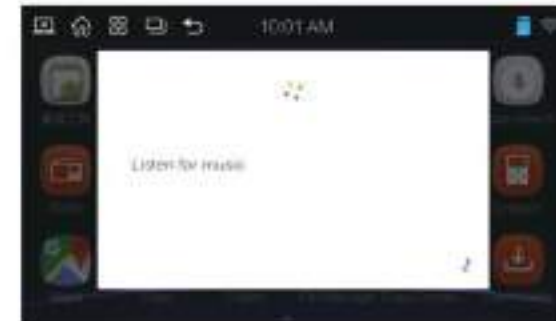
16. Adobe Acrobat



17. Voice Search



Quickly search your phone, the web, and nearby locations by speaking, instead of typing. Call your contacts, get directions, and control your phone with Voice Actions.



Note: Connect to a hotspot network with internet data connection to use the app.

18. Maps



Google Maps (formerly Google Local) is a web mapping service application and technology provided by Google. It offers street maps, a route planner for traveling by foot, car, bike (beta), or public transport and an urban business locator for numerous countries around the world.



Note: Connect to a hotspot network with internet data connection to use the app.

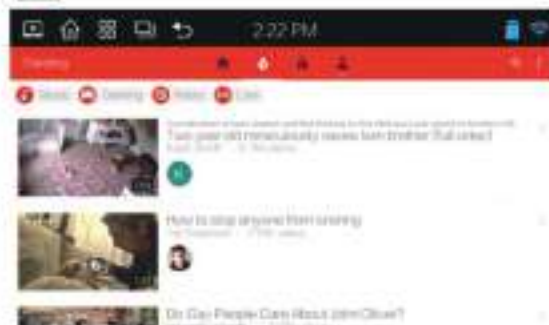
19. Fast Charge



Fast charge for selected devices only. Please ensure your device support this feature before enable it.



20. You Tube



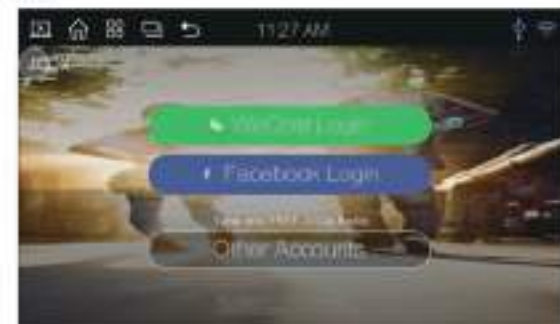
Note: Connect to a hotspot network with internet data connection to use the app.

21. TuneIn Radio



Note: Connect to a hotspot network with internet data connection to use the app.

22. JOOX



Note: Connect to a hotspot network with internet data connection to use the app.

23. Google Setting



Note: Connect to a hotspot network with internet data connection to use the app.

24. PhoneLink



Easy connect achieves the effective connection between Smart Phone and Car Navigation System.

1. Connect Android Phone through USB Cable:

Please ensure that "USB Debugging" mode should be enabled in your mobile Phone.

Note:

If "USB Debugging" mode is not enabled in your Mobile Phone, then please follow the below steps to enable it:

- Go to your Mobile Setting and tap "About Device" by continuously pressing "build number" to enable "Developer Options".
- Now go back to settings menu and tap "Developer Options" to enable the "USB Debugging".

Connect your Android Phone with Car Navigation System through USB cable and you will see the below option on your Android Phone screen. Tap "Always allow from this computer" and press OK.



Open the "Easy-connected" application in Car Navigation System and tap "Android USB" to connect the Android Phone. (As shown in picture)



Now your phone is connecting..... (As shown in picture)



When the Android Phone is connected with Car Navigation System, "Drive Mode" application will be installed automatically in your Android phone.

Drive mode application will run on your Android Phone and Car Navigation System automatically. (As shown in picture)



To exit from "Drive Mode" press back key from your Android Phone. Your Android Phone screen now will be mirrored on your Car Navigation System.

Note: To enable "Drive Mode" option tap "Drive Mode" application through your Android phone.



2. Connect Android Phone through Wi-Fi:

If you want to connect your Android Phone through Wi-Fi, then you should follow Step 1 "Connect Android Phone through USB Cable" (for first time set up).

Make sure that your Android Phone and Car Navigation System is connected on same Wi-Fi network. Open "Easy Connected" application in Car Navigation System and tap "Android Wi-Fi". (As shown in picture)



Now your Android Phone is connecting.....(As shown in picture)



When your Android Phone connects with Car Navigation System you will see "Drive Mode" application screen on Android Phone and Car Navigation System.



To exit from "Drive Mode" press back key from Android Phone.

Your Android Phone screen now will be mirrored on your Car Navigation System.

Note: To enable "Drive Mode" option tap "Drive Mode" application through your Android phone.

3. Connect iPhone through Wi-Fi

Open your iPhone "HOTSPOT" and connect Car Navigation System with it.

Open "Easy-connected" application in Car Navigation System and tap "iPhone Wi-Fi". (As shown in picture)



Now your iPhone is connecting.....(As shown in picture)



You have to slide from bottom to top at your iPhone screen and tap AirPlay. (As shown in picture)



Tap the device name and turn on Mirroring.

Now your iPhone has been connected and you will get your iPhone screen on your Car Navigation System.

Note:

Please make sure that your Smart Phone Bluetooth is connected with Car Navigation System for Audio Playback.



PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
1	HUAWEI	ALE-L21	5.0.1
2		ALE-TL00	5.0
3		ALE-TL00	5.0.2
4		ALE-UL00	5.0.2
5		ATH-AL00	4.3
6		ATH-AL00	5.1.1
7		ATH-CL00	5.1.1
8		ATH-UL00	5.1.1
9		C8817D	4.4.4
10		Che1-CL10	4.4.4
11		Che1-CL20	4.4.4
12		Che2-TL00M	4.4.2
13		Che2-TL00	4.4.2
14		Che2-UL00	4.4.2
15		CHE-TL00	5.0.2
16		CHM-CL00	4.4.4
17		CHM-TL00H	4.4.2
18		CHM-TL00	4.4.2
19		CHM-UL00	4.4.2
20		EVA-AL00	6.0
21		EVA-AL10	6.0
22		G6205-UL00	4.4.4
23		G621-TL00	4.4.4

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
24	HUAWEI	H1	4.4.2
25		H30-T00	4.2.2
26		H30-T10	4.2.2
27		H30-U10	4.4.2
28		H30-U10	4.2.2
29		H60-L01	4.4.2
30		H60-L02	4.4.2
31		H60-L02	6.0
32		H60-L11	4.4.2
33		Hol-T00	4.2.2
34		HONOR H30-L01	4.4.2
35		HONOR H30-L01	5.1.1
36		HUAWEI ALE-CL00	4.4.4
37		HUAWEI C199	4.4.2
38		HUAWEI C199s	4.4.4
39		HUAWEI C8812	4.0.3
40		HUAWEI C8815	4.1.2
41		HUAWEI C8816	4.3
42		HUAWEI C8817E	4.4.4
43		HUAWEI G610-U00	4.2.1
44		HUAWEI TIT-TL00	5.1
45		HUAWEI U9508	4.1.2
46		HUAWEI Y511-T00	4.2.2



PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
47	HUAWEI	HUAWEI G629-UL00	4.4.4
48		HUAWEI G629-UL00	5.1.1
49		HUAWEI G730-U00	4.2.2
50		HUAWEI G750-T00	4.2.2
51		HUAWEI G750-T00	4.4.2
52		HUAWEI G750-T01	4.2.2
53		HUAWEI G750-T20	4.2.2
54		HUAWEI G7-TL00	4.4.4
55		HUAWEI G7-UL20	4.4.4
56		HUAWEI GRA-CL00	5.0.1
57		HUAWEI GRA-CL00	5.0
58		HUAWEI GRA-CL10	5.0.1
59		HUAWEI GRA-TL00	5.0.1
60		HUAWEI GRA-UL00	5.0.1
61		HUAWEI GRA-UL00	6.0
62		HUAWEI MT1-T00	4.4.2
63		HUAWEI MT7-CL00	6.0
64		HUAWEI MT7-CL00	4.4.2
65		HUAWEI MT7-TL00	4.4.2
66		HUAWEI MT7-TL10	4.4.2
67		HUAWEI MT7-TL10	5.1.1
68		HUAWEI MT7-TL10	6.0
69		HUAWEI MT7-UL00	4.4.2

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
70	HUAWEI	HUAWEI NXT-AL10	6.0
71		HUAWEI NXT-CL00	6.0
72		HUAWEI NXT-DL00	6.0
73		HUAWEI NXT-L29	6.0
74		HUAWEI P6-C00	4.4.2
75		HUAWEI P6-T00	4.4.2
76		HUAWEI P6-T00	4.2.2
77		HUAWEI P7-L00	4.4.2
78		HUAWEI P7-L07	4.4.2
79		HUAWEI P7-L07	4.1.1
80		HUAWEI P7-L07	5.1.1
81		HUAWEI P7-L09	4.4.2
82		HUAWEI P7-L09	5.1.1
83		HUAWEI P8max	5.1.1
84		HUAWEI RIO-AL00	5.1
85		HUAWEI RIO-TL00	5.1
86		HUAWEI RIO-UL00	5.1
87		HUAWEI SCL-L21	5.1.1
88		HUAWEI SC-UL10	4.4.4
89		HUAWEI TAG-AL00	5.1
90		HUAWEI TAG-TL00	5.1
91		HUAWEI TIT-AL00	5.1
92		HUAWEI TIT-CL10	5.1

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
93	HUAWEI	HONOR H30-L02	4.4.2
94		HUAWEI Y518-T00	4.2.2
95		HUAWEI Y523-L176	4.4.2
96		HUAWEI Y600-U00	4.2.2
97		HUAWEI Y635-CL00	4.4.4
98		HUAWEI Y635-TL00	4.4.4
99		KIW-AL10	5.1.1
100		KNT-UL10	6.0
101		JAZZ	5.1.1
102		NX505J	4.4.2
103		NX510J	5.1.1
104		NX511J	5.0.2
105		NX512J	5.0.2
106		PE-CL00	4.4.2
107		PE-TL00M	4.4.2
108		PE-TL10	4.4.2
109		PE-TL20	4.4.2
110		PE-TL20	6.0
111		PE-TL20	5.1
112		PE-TL20	5.0.2
113		PLK-AL10	5.0.2
114		PLK-AL10	6.0
115		PLK-CL00	5.0.2

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
116	HUAWEI	PLK-TL00	5.0.2
117		PLK-TL01H	5.0.2
118		PLK-UL00	5.0.2
119		VIE-AL10	6.0
120	ASUS	ASUS_Z00ADB	4.2.2
121		ASUS_Z00ADB	5.0
122		ASUS_Z00AD	5.0
123		ASUS_Z00A	6.0.1
124		K019	5.0.1
125	SONY	C6603	5.1.1
126		C6603	4.4.4
127		C6802	4.4.4
128		C6902	5.1.1
129		D5803	6.0.1
130		D5833	6.0.1
131		D6643	5.1.1
132		D6653	5.1.1
133		E5823	6.0.1
134		L39h	4.4.4
135		L50u	5.1.1
136		L55u	4.4.4
137		S36h	4.2.2
138	SAMSUNG	GT-N7100	4.3



PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
139	SAMSUNG	GT-N7100	4.4.2
140		GT-N7108	4.3
141		GT-S6818	4.1.2
142		SAMSUNG Nexus	4.3
143		SAMSUNG Nexus	4.4.4
144		GT-I8558	4.2.2
145		GT-I9152	4.2.2
146		GT-I9168I	4.2.2
147		GT-I9300I	4.3
148		GT-I9300	4.3
149		GT-I9300	4.1.2
150		GT-I9308	4.1.2
151		GT-I9500	5.0.1
152		GT-I9500	4.2.2
153		GT-I9500	4.4.2
154		GT-I9500	5.0
155		GT-I9502	4.4.2
156		GT-I9505	4.4.2
157		GT-I9505	5.0.1
158		GT-I9506	5.0.1
159		GT-I9508	5.0.1
160		GT-I9508	4.1.2
161		GT-N5100	4.1.2

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
162	SAMSUNG	GT-N5100	4.2.1
163		SAMSUNG-SM-G900A	5.1.1
164		SAMSUNG-SM-T817A	5.1.1
165		SCH-I939D	4.1.2
166		SCH-I939I	4.3
167		SCH-I959	5.0.1
168		SCH-N719	4.3
169		SCL-AL00	5.1.1
170		SCL-TL00H	5.1.1
171		SCL-TL00	5.1.1
172		SCL-TL00	4.4.4
173		SGH-M919	4.4.4
174		SM-A3000	5.0.2
175		SM-A3009	4.4.4
176		SM-A5000	4.4.4
177		SM-A500F	5.0.2
178		SM-A8000	5.1.1
179		SM-C5000	6.0.1
180		SM-G3502C	4.3
181		SM-G355H	4.4.2
182		SM-G3568V	4.4.2
183		SM-G3608	4.4.4
184		SM-G5308W	4.4.4



PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
185	SAMSUNG	SM-G5500	5.1.1
186		SM-G7105	4.3
187		SM-G7108	4.3
188		SM-G7108V	4.3
189		SM-G7508Q	4.4.4
190		SM-G850W	5.0.2
191		SM-G9006V	5.0
192		SM-G9008V	5.0
193		SM-G9009D	5.0
194		SM-G9009W	5.0
195		SM-G900F	5.0
196		SM-G900I	5.0
197		SM-G900P	6.0.1
198		SM-G9200	6.0.1
199		SM-G9200	4.4.4
200		SM-G9200	5.0.2
201		SM-G9208	6.0.1
202		SM-G9208	5.1.1
203		SM-G920F	6.0.1
204		SM-G920P	5.1.1
205		SM-G920P	6.0.1
206		SM-N9008V	5.0
207		SM-N9009	4.3

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
208	SAMSUNG	SM-G9250	6.0.1
209		SM-G9250	5.1.1
210		SM-G925F	6.0.1
211		SM-G9280	6.0.1
212		SM-G9287	6.0.1
213		SM-G9300	6.0.1
214		SM-G930F	6.0.1
215		SM-G930V	6.0.1
216		SM-G9350	6.0.1
217		SM-G935F	6.0.1
218		SM-G935V	6.0.1
219		SM-J7008	5.1
220		SM-J700F	5.1.1
221		SM-N9002	5.0
222		SM-N9002	4.3
223		SM-N9002	4.4.2
224		SM-N9005	4.4.2
225		SM-N9005	5.0
226		SM-N9006	5.0
227		SM-N9008	4.3
228		SM-N9008S	5.0
229		SM-N9008S	4.4.2
230		SM-N9008V	4.2.2



PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
231	SAMSUNG	SM-N900	5.0
232		SM-N900	4.3
233		SM-N900	4.4.2
234		SM-N900T	5.0
235		SM-N9100	5.1.1
236		SM-N9100	4.2.2
237		SM-N9108V	5.1.1
238		SM-N9109W	5.1.1
239		SM-N910C	6.0.1
240		SM-N910F	6.0.1
241		SM-N910P	5.1.1
242		SM-N910T	5.1.1
243		SM-N910U	5.1.1
244		SM-N915G	5.1.1
245		SM-N915T	5.1.1
246		SM-N920V	6.0.1
247	XIAOMI	HM 1S	4.4.4
248		HM 1SW	4.3
249		HM 2A	4.4.4
250		HM1_A3	4.2.2
251		MI 2A	4.1.1
252		MI 2	4.1.1
253		MI 2	5.0.2

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
254	XIAOMI	MI 2SC	4.1.1
255		MI 2SC	5.0.2
256		MI 2S	5.0.2
257		MI 2S	4.1.1
258		MI 3C	6.0.1
259		MI 3	4.4.4
260		MI 3	4.4.2
261		MI 3W	4.4.4
262		MI 3W	6.0.1
263		Mi-4c	5.1.1
264		MI 4C	6.0.1
265		MI 4i	5.0.2
266		MI 4LTE	6.0.1
267		MI 4LTE	4.4.2
268		MI 4LTE	4.4.4
269		MI 4S	5.1.1
270		MI 4W	4.4.4
271		MI 4W	6.0.1
272		MI 5	6.0
273		MI NOTE LTE	4.4.4
274		MI NOTE LTE	5.0.1
275		MI NOTE LTE	5.1
276		MI NOTE LTE	6.0.1



PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
277	XIAOMI	HM NOTE 1S	4.4.4
278		HM NOTE 1TD	4.2.2
279		HM NOTE 1TD	4.4.2
280		Redmi 3	5.1.1
281		Redmi 3S	6.0.1
282		Redmi Note 2	5.0.2
283		Redmi Note 3	4.3
284		Redmi Note 3	4.4.4
285		Redmi Note 3	5.0.2
286		Redmi Note 3	5.1.1
287	HTC	HTC 8088	4.4.2
288		HTC D516d	4.2.2
289		HTC D516d	4.3
290		HTC_D530u	6.0.1
291		HTC D816t	6.0
292		HTC D820us	4.4.4
293		HTC Desire 626s	5.1
294		HTC One_M8	4.4.4
295		HTC One_M8	6.0
296		HTC One M9	6.0
297		HTC One	5.0.2
298		HTC S720e	4.2.2
299		HTC T329t	4.1.1

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
300	Lenovo	Lenovo A2800-d	4.4.4
301		Lenovo A338t	4.4.2
302		Lenovo A368t	4.4.2
303		Lenovo A3860	5.1
304		Lenovo A6800	4.4.4
305		Lenovo A706	4.1.2
306		Lenovo A708t	4.2.2
307		Lenovo A788t	4.3
308		Lenovo A789	4.0.4
309		Lenovo A808t	4.4.2
310		Lenovo A916	4.4.2
311		Lenovo K30-T	4.4.4
312		Lenovo K50-T5	5.0
313		Lenovo S898t	4.2.2
314		Lenovo S90-t	4.4.4
315		Lenovo S90-u	4.4.4
316		Lenovo Z2	4.4.4
317		LNV-Lenovo A690e	4.4.4
318	LG	LG-D850	6.0
319		LG-D855	6.0
320		LG-H818	5.1
321		LGLS990	4.4.2
322		VS986	6.0



PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
323	OPPO	N5117	4.3
324		N9180	4.3
325		N9180	4.4.2
326		N918St	4.4.4
327		N958St	4.4.4
328		OPPO A33	5.1.1
329		OPPO A37m	5.1
330		OPPO A53m	5.1.1
331		OPPO A53	5.1.1
332		OPPO R7	4.4.4
333		R6007	4.3
334		R7007	4.3
335		R7c	4.4.4
336		R7Plus	5.0
337		R8207	4.4.4
338		R827T	4.2.2
339		R829T	4.2.2
340		R831S	4.3
341		OPPO R7sm	5.1.1
342		OPPO R7sm	4.4.2
343		OPPO R7s	4.4.4
344		OPPO R7st	4.4.4
345		OPPO R9 Plusm A	5.1.1

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
346	OPPO	OPPO R9 Plustm A	5.1.1
347		OPPO R9tm	5.1
348	Nexus	Nexus 4	4.4.4
349		Nexus 5	6.0.1
350		Nexus 5X	6.0.1
351		Nexus 6	6.0.1
352		Nexus 6	6.0
353		Nexus 6P	6.0.1
354	NOKIA	T7	4.4.4
355	VIVO	vivo S9	4.0.4
356		vivo V3Max A	5.1.1
357		vivo X1St	4.2.1
358		vivo X3L	4.3
359		vivo X3t	4.2.1
360		vivo X510t	4.2.2
361		vivo X5L	4.4.2
362		vivo X5Max L	4.4.4
363		vivo X5Max+	4.4.4
364		vivo X5Max V	4.4.4
365		vivo X5M	5.0.2
366		vivo X5Pro D	5.0
367		vivo X5S L	4.4.4
368		vivo X5V	4.4.4

PhoneLink compatibility list

No	Brand	Type	OS Ver. (Android)
369	VIVO	vivo X6D	5.1
370		vivo X6Plus A	5.0.2
371		vivo X6Plus D	5.1
372		vivo X6S A	5.1
373		vivo X6S A	5.1.1
374		vivo Xplay3S	4.4.2
375		vivo Xplay5A	5.1.1
376		vivo Y11	4.2.2
377		vivo Y17T	4.2.2
378		vivo Y23L	4.4.4
379		vivo Y29L	4.4.4
380		vivo Y33	5.0
381		vivo Y35A	5.0.2
382		vivo Y37	5.0.2
383		vivo Y927	4.4.4
384	iPhone		iOS 7.0-iOS 9.0

**Warning**

- (1) The phone list shown is for reference only.
- (2) Some phones may not supported due to manufacturer, operating systems, carrier or etc are different from phone list.
- (3) The phone list will be updated periodically. Kindly contact TCAT for the latest list of compatible phones.

25. Voice Assistant



Voice Assistant is a feature that allows the users to control the system by voice commands. The user only needs to activate it and give a command to make the system do the right operation.



Activate the Voice Assistant

Tap Voice Assistant in the application list to activate the Voice Assistant feature. Then a sound "Can I help you" will be heard. You must give a command from the list given or the system will say "Time out" and exit.



Say a Command

Say a command to make the system do the operation for you. In different modes, you can choose the words listed in the Voice Assistant application. If a command is not included in the given list, the system will not recognize or will cause a wrong operation. Working of Voice Command depends on user's accent.

26. Remote control

Functions of each button:



Button icons	Key Functions
	Press to turn unit in off or on mode.
	Press to open the default navigation app interface: Waze
	Press to enter Bluetooth function
	Audio Mute on or off
	Press to enter the PhoneLink function

Button icons	Key Functions
	Press to display the image from the reverse camera, press it again to exit
	Press to active the voice control function.
	Press to increase the master volume
	Press to enter the music interface
	Press to enter the video interface.
	Press to enter EQ setting interface.
	Press to decrease the master volume.
	Press to return to the main interface.
	Press to return to the previous screen
	Press to move up, down, left or right to select apps
	Press to enter the apps you selected.
	Press to enter the apps interface.
	Press to switch function of Music, Radio and Video.
	Press to enter keypad interface or answer telephone calls when received incoming calls.
	Press to reject or end the telephone calls.
	Press to loop play the music.



Button Icons	Key Functions
	Press to shuffle play the music.
	Press to enter the radio interface
	Press to pause or play the music and video
	Press to go to the previous song or video
	Press to go to the next song or video
	Press "SCAN" to scan for next available radio station.
	Press the "BAND" to select FM and AM
	Press to select radio station (1 to 6 only) Note: use next or previous button for other stations selection.

27. Specifications

FM Tuner

Frequency Range	87.5 MHz- 108.0MHz
Usable Sensitivity (S/N : 30dB)	10±5 (Typ 5dB μV)
Stereo Separation	≥27dB (Typ30dB)

AM Tuner

Frequency Range	531 kHz - 1,620 kHz
Usable Sensitivity (S/N : 20dB)	≤28dBuV (Typ 23μV)
Selectivity	≥40dB (Typ50dB)

Amplifier

Maximum Power Output	50W x 4ch
MOS-FET Amplifier	Yes
AudioDAC	44.1kHz/16bit
ElectronicAudioControl	Volume/Balance/Bass/Treble/Fader

Hardware

Processor Type	Quad Core
Graphics	Hardware OpenGL ES 2.0 and Open VG 1.1; Support 3D graphic accelerator
RAM	1GB DDR3
Built-inFlashCapacity	16GB eMMC
Operating System	Android
WiFi module	MT5931A/B.TFBGA-84.AUTOCHIPS
Bluetooth module	MT6622N/B.QFN-40.AUTOCHIPS

General

Panel Dimension	170.294*256.358*127.765 mm
Net Weight	2.15kgs
Head unit Operation Voltage	9V~16V
Head unit Operation Temperature	-20°C~70°C
Head unit Storage Temperature	-30°C~80°C

Note: Specifications and designs are subject to change without notice for further improvement.



Problems	Reasons	Countermeasures
Startup failure	The fuse may be burned.	Replace the fuse with same rated current.
Touch screen does not work	The system is processing some programs.	Wait for a while. Press reset (RST) switch located at front panel to reboot if still not functioning.
System speed is affected/application error.	Too many applications are running at the same time.	Press switching apps icon at status bar and then close the apps.
The screen is black with no images or monochrome when	Brightness, Contrast or color saturation is adjusted too low.	Readjust the brightness, contrast, color saturation to ideal state for watching.
CCD camera shows no image.	Camera is not installed.	Reason: Camera function off Countermeasures: Go to setting, others, CCD. Turn on the CCD camera
GPS fails to find the current position.	GPS antenna is not connected.	Have a qualified installer check connection
	Signal may be blocked due to tunnel, bridge,	Driving away from tunnel bridge ect.
Fail to find a position and navigate after startup.	Reason: No internet connectivity or location was disable.	Please contact map provider for an upgrade or help. Countermeasures: Connect to a hotspot with internet data. Or go to setting, other, location access to turn on GPS location.

Blank on the map	Navigation may be set with too large or too small proportional size.	Try to change the zoom ratio to see if it can return to the map display. If it is still not solved, please restart the navigation application.
Video not playing	Formats not supporting	Supporting formats are: MP4, MKV, MOV, MPEG-2, XVID



TC AUTO TOOLING SDN BHD

(A subsidiary of Tan Chong Motor Holdings Berhad)

249, Jalan Segambut, 51200 Kuala Lumpur

Email: enquiry@tanchonggroup.com

Tel: +603-6258-5266 Fax: +60362514014