

# Asus CarLink User Manual

Mirroring and back control ivi system



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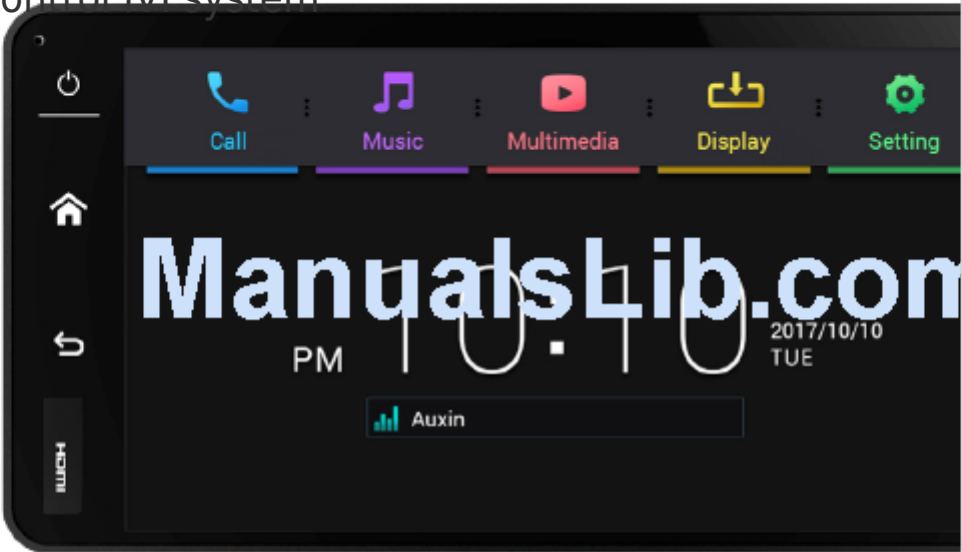
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E13405  
First Edition  
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ASUS CarLink  
Mirroring and Back Control IVI system  
User Manual  
English



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# Summary of Contents for Asus CarLink

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## [Page 4: Conventions Used In This Guide](#)

WARNING! Information to prevent injury to yourself when trying to complete a task. NOTE: Tips and additional information to help you complete a task. \* Before using the device, please read the manual carefully and preserve it for future use. CarLink User Manual...

## [Page 5: Notices](#)

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

## [Page 6: Safety Information And Emergency Procedures](#)

Please follow the instructions in this manual on how to use your product. NOTE: • This CarLink is designed not to play videos and operate apps while the user is driving. • Please obey the traffic rules at all times. DO NOT watch the display panel while driving except when navigating and parking. • For your safety, DO NOT watch videos or operate apps while driving. Please operate the display panel only after the car stops and the parking brake is pulled. CarLink User Manual...

[Page 7](#) - Set the volume to a comfortable level to avoid damage to your hearing. - The CarLink is not designed to be operated for long periods of time with the car engine turned off. Using the CarLink when the car engine is turned off may drain the car battery.

## [Page 8: Optional Items](#)

IMPORTANT! DO NOT operate the CarLink while driving. Operating the CarLink while driving may distract the driver and cause severe traffic accidents. Please park the car safely before operating the CarLink. WARNING! To prevent a flat car battery, DO NOT use the CarLink for a long period of time or charge mobile phones and tablets after the engine has been tuned off.

## [Page 9: Am / Fm Radio Reception Behavior](#)

The receiving range of the FM signal is generally within 40~50 km from the radio station. Since the sound of stereo FM needs to be divided into 2 channels by additional decoding, the broadcast range of stereo FM is smaller than that of mono FM. CarLink User Manual...

## [Page 10: Getting To Know Your Carlink](#)

1. Getting to know your CarLink 1.1 Panel layout Mute button Power button Press this button to enter or exit mute mode. Press this button to turn the system on or off. Press this button for two (2) seconds to turn the system off. Press this button for...

## [Page 11: Home Screen Layout](#)

Display menu Settings menu Audio info Date and time Status icons Tap to enter Tap to enter Navigation menu App menu Icon Description Driving Restriction (icon will display when it is

unlocked) Bluetooth device connected Syncing contacts CarLink User Manual...

## [Page 12: Mirroring And Synchronizing Control](#)

3a. When prompted "Open CarLink when this USB accessory is connected?" on your phone, tick "Use by default for this accessory", then tap Confirm. 3b. When prompted "CarLink will start capturing everything that's displayed on your screen. " on your phone, tick "Do not show again", then tap Start now.

[Page 13](#) CarLink will guide you in the pairing process. • Prioritize using the CarLink screen for touchscreen inputs, operating touchscreen inputs on the smartphone might disable touchscreen input mirroring. • If you encounter connection or touchscreen input mirroring issues, disconnect and reconnect the USB cable. • Log in to your account on your smartphone before connecting it to the CarLink. To protect your personal information, a black screen will be displayed on the CarLink and touchscreen input mirroring function will not be available before you log in to your account. CarLink User Manual...

[Page 14](#) USB cable, uninstall and reinstall the app, or contact the app vendor for more information. • This feature is supported on smartphones running Android 5.0 or above. If your smartphone supports touchscreen input mirroring (Refer to page 13), in addition to display mirroring, you can use the touchscreen on the CarLink to mirror inputs to your smart phone after setting up Bluetooth on your smartphone and restarting touchscreen input mirroring.

[Page 15](#) Supported Supported One M8 Supported Supported One M9 Supported Supported One A9 Supported Supported Supported Not supported Desire 10 Pro Supported Supported Supported Supported HUAWEI P9 Plus Supported Supported GR5 2017 Supported Supported continued on next page CarLink User Manual...

[Page 16](#) The smartphones listed in the table has been tested and passed. If your smartphone is not listed, this simply means that it has not been tested and does not mean it is not supported. \*\* Support for the smartphones might change with smartphone firmware updates. CarLink User Manual...

## [Page 17: Setting Up Multi-Touch Input](#)

(tap a few times) > Settings > Additional settings (on Xiaomi devices) > Developer options > USB debugging > Complete. 2. Connect the smartphone with a USB cable to the CarLink, when prompted "Allow USB debugging?", tap OK within ten (10) seconds.

[Page 18](#) Nexus 6 Supported Supported One A9 6.0.1 Supported Supported Desire 820s 5.0.2 Supported Supported One E9+ 5.0.2 Supported Supported Desire 10 pro Supported Supported 5.0.1 Supported Supported P9 lite Supported Supported HUAWEI Supported Supported continued on next page CarLink User Manual...

[Page 19](#) 6.0.1 Supported Supported Nextbit Robin 7.1.1 Supported Supported 7.1.1 Supported Supported OPPO 6.0.1 Supported Supported Galaxy A5(2016) 16GB 5..1.1 Supported Supported SAMSUNG Galaxy J7(2016) 6.0.1 Supported Supported Galaxy J2 Prime 6.0.1 Supported Supported continued on next page CarLink User Manual...

[Page 20](#) The smartphones listed in the table has been tested and passed. If your smartphone is not listed, this simply means that it has not been tested and does not mean it is not supported. \*\* Support for the smartphones might change with smartphone firmware updates. CarLink User Manual...

## [Page 21: Navigation](#)

• For your safety, driving mode will be enabled when mirroring. Voice navigation might be disabled when using Google maps under this mode. Contact the app vendor for more information • If an external GNSS receiver is not installed, the GPS information from your smartphone will be used while navigating. If you encounter a problem with the GPS signals, contact your smartphone manufacturer for more information. • To change the default navigation app, refer to page 21 for more information. CarLink User Manual...

## [Page 22: Applications](#)

2. To delete an app shortcut: tap and hold to enter editing mode, then tap the X icon on an app to delete it. NOTE: A shortcut can be created for app on your smartphone. Maximum 3 pages



(24 apps). CarLink User Manual...

### [Page 23: Carlink App](#)

3. CarLink app The CarLink app is specially designed for the CarLink system and can only be fully utilized when your smartphone is connected to the CarLink. When your smartphone is not connected to the CarLink, you can still use the app to edit preferences and app shortcuts.

### [Page 24: Using Basic Functions](#)

Making a phone call Tap your contact details, or enter the number you wish to call and tap the green call icon to make the call. NOTE: The physical Home and Back buttons are not available in this screen. CarLink User Manual...

[Page 25](#) To change the audio source, tap Audio on the iOS device during a phone call, then select CarLink. Open the • The physical Home and Back buttons are not available Display the Turn the microphone contacts page onscreen keypad on or off in this screen. CarLink User Manual...

[Page 26](#) Syncing contacts Follow the steps below to sync contacts from your phone to CarLink: 1. Tap Contacts. 2. Tap Start to prepare syncing. 3. Confirm the request on your phone to complete. NOTE: • If you did not confirm the request on your phone after thirty (30) seconds, the process will terminate. Please repeat step 2 to sync again.

[Page 27](#) On the contacts page, scroll down and the Resync Contacts and Clear contacts options will appear. Recents Tap on the call history to redial that number. Scroll down and the Clear Recents option will appear. NOTE: The thirty (30) most recent call histories will be stored. CarLink User Manual...

### [Page 28: Music](#)

5. Tap and hold a station from the favorites bar to delete it. NOTE: • Tap Stop or press the back button to stop the scan and return to the initial screen. • After scanning, the system will automatically save the six (6) stations with the strongest signals to the favorites bar. CarLink User Manual...

[Page 29](#) Bluetooth Music In this mode, you can pair your smartphone to CarLink and play music from your smartphone via the car speakers. NOTE: • To play music via Bluetooth, ensure that the music app is launched on your smartphone. • Use the default music player app (such as Google Play Music or Apple Music) to display song details. Connected device Song title Album / Artist title CarLink User Manual...

[Page 30](#) USB Music In this mode, you can connect your USB flash drive to CarLink and play .mp3 music files. 1. Select a play mode (Play mode or List mode). 2. Select a display mode (All Songs, Albums, Artist, or Genres).

[Page 31](#) \* MP3 audio encoding technology is authorized by Fraunhofer IIS and Thomson company. Keys on creating MP3 • Use high bit rate and sampling rate to get high quality audio effects. • VBR (Variable Bit Rate) may cause abnormal display of the playing time and audio pause. Using VBR is not recommended. • The quality of the audio may vary depending on the encoding. Please refer to the manuals of the encoding and burning softwares. NOTE: • This device does not support MP3 encoding programs. • MP3 files downloaded from different sources use different encoding softwares, therefore the playback quality (such as volume, noise, and so on) will vary. MP3: • Set the bit rate to 128 kbps above or fixed. • MP3 files with VBR (Variable Bit Rate) can be played, but complete support is not guaranteed. Using VBR is not recommended. CarLink User Manual...

[Page 32](#) Notes on using USB Flash Drives To use a USB flash drive with media files: • Save MP3 files to the USB flash drive only. • The following problems may occur if the file formats in the USB device are not supported: - Slow access speed. - Abnormal playback sequence or failing to play some songs. • The name of the files should follow the naming rules of FAT16/FAT32 and the file system. • DO NOT use a USB extension cable, this may cause malfunction under USB mode. CarLink User Manual...

[Page 33](#) Supported USB media devices • A USB flash drive that conforms with the USB 2.0/3.0 standard. • Card reader, hard drive, and USB Hub are not supported. • USB device with files other than .mp3 files that are converted with Apple iTunes or Sony Sonicstage are not

supported. • Maximum storage size: 2GB for FAT16, 32GB for FAT32. Using USB flash drives with a capacity more than the recommended maximum storage size may cause difficulty in reading the files and affect the CarLink. • Maximum single file size: 2GB for FAT16, 4GB for FAT32. Limitation to USB media devices • Use the USB media device in environments with ambient temperatures between -5°C and 70°C. • Shorten access time by decreasing the number of files, folders, and depth of the folders. • If there is a long access time, format the USB flash drive and copy the files to it again. • The USB flash drive might be damaged if you start the engine while the device is installed. • The player cannot recognize encoded MP3 files. • Use FAT16/32 format USB flash drives only, exFAT format is not supported. • USB flash drives without USB IF certification might not be recognized. • USB flash memory devices such as CF, SD, microSD or external hard drives cannot be recognized. • Music files that are protected by DRM (DIGITAL RIGHTS MANAGEMENT) cannot be recognized. CarLink User Manual...

[Page 34](#) Supported USB flash drives The USB flash drives in the table below has been tested with CarLink and passed. If your USB flash drive is not listed, this simply means that it has not been tested and does not mean it is not supported.

### [Page 35: Multimedia](#)

5. Press the back button to stop the video and return to the folder list. NOTE: • If a video has been previously played but not finished, the player will automatically return to the exact point where you left off. • Exiting the video playback screen will also stop audio output. CarLink User Manual...

[Page 36](#) 3. Tap X or press the back button to return to the folder list. NOTE: Audio streaming (such as radio or music playback) will not be affected while viewing photos. CarLink User Manual...

### [Page 37: Display](#)

This port is reserved for mirroring the display and audio of iOS devices only. NOTE: When you disconnect the HDMI cable, audio will continue playing from the CarLink if you have paired your smartphone to the CarLink via Bluetooth. CarLink User Manual...

### [Page 38: Settings](#)

System settings in this menu. Equalizer This menu allows you to adjust the Treble, Bass, Balance (left / right) and Fade (front / back). Brightness Drag the slider left or right to adjust the screen brightness. CarLink User Manual...

[Page 39](#) 5. If you want to unpair a smartphone, tap More next to the name of the smartphone, tap Forget this device, then tap on the pop-up window. To pair the smartphone again, repeat the above steps 1 and 2. 6. After setting up the Bluetooth connection, your smartphone will automatically connect to your CarLink whenever it is in range. CarLink User Manual...

[Page 40](#) • Bluetooth pairing speed will vary across different smartphone manufacturers, please wait at least three (3) seconds for the pairing process to complete before operating the CarLink. During mirroring mode, if the pairing screen prompts "Waiting... Confirm the request on your device. ", please tap Agree on your smartphone to complete the pairing process.

[Page 41](#) - The smartphone received the pairing request from the CarLink, but Cancel was selected on the smartphone. - The smartphone received the pairing request from the CarLink, but no action was taken. - The smartphone received the pairing request from the CarLink, but the smartphone screen is turned off or locked. • If no sound can be heard from the car speakers after pairing, try adjusting the volume to the maximum on your smartphone.

[Page 42](#) ○○○○○○○○○○○○○○X○○○ inFocus in810 Android ○○○○○○○○○○○○○○  
○○○○ continued on next page CarLink User Manual...

[Page 43](#) ○○○○○○○○○○○○○○ Performance XPERIA X Android ○○○○○○○○○○○○○○  
○○○○○ Compact continued on next page CarLink User Manual...

[Page 44](#) \*\* The smartphones listed in the table has been tested and passed. If your smartphone is not listed, this simply means that it has not been tested and does not mean it is not supported. \*\*\* Support for the smartphones might change with smartphone firmware

updates. CarLink User Manual...

[Page 45](#) Allows you to enable or disable Driving Restriction. This option will limit the use of applications and videos while the car is driving. Please operate the display panel only after the car stops and the parking brake is pulled. CarLink User Manual...

### [Page 46: Steering Wheel Controls](#)

5. Steering wheel controls If your car supports steering wheel controls, you can use it along with the CarLink for the following functions: Steering wheel button Action Function Switch between Radio / BT Music / USB Mode Key Short press / Long press...

### [Page 47: Setting Up External Gps](#)

Settings > About > Software information > Build number (tap a few times) > Settings > Developer options > Select mock location app > CarLink > Complete. NOTE: The screenshots are for reference only. CarLink User Manual...

### [Page 48: Troubleshooting](#)

3. Some functions are not operational. Some operations might not run properly in a particular menu mode. Please read the instructions carefully and exit the mode. If the problem is still there, please visit <http://www.unimax.com.tw/> and contact us for assistance. CarLink User Manual...

### [Page 49: Cannot Play Music From Usb Flash Drive](#)

AVRCP Profile. 7.3 No voice navigation in Google Maps During mirroring, no voice navigation can be heard when using Google Maps. To play voice navigation from the CarLink head unit, enable the options below: Settings > Navigation settings • iOS: Play voice over Bluetooth, Play as Bluetooth phone call.

### [Page 50: Specifications Summary](#)

Receiving range: within 10 meters AM radio: Bluetooth version: Version 2.1 + EDR Frequency range: 531 KHz ~1629 KHz Bluetooth QD ID: B015864 Usable sensitivity: 33 dBuV EMF NOTE: The specifications and design are subject to change without notice. CarLink User Manual...

[Page 51](#) • Type 0 and 1 (.mid, .xmf, MIDI Type 0 and 1. DLS Version 1 and .mxmf) 2, XMF and Mobile XMF. Supports •RTTTL/RTX (.rtttl, .rtx) MIDI • ringtone format RTTTL/RTX, OTA, and •OTA (.ota) iMelody •iMelody (.imy) continued on next page CarLink User Manual...

[Page 52](#) • • Base+progressive JPEG (.jpg) • GIF (.gif) • • PNG (.png) • BMP (.bmp) Photo • • (Android 4.0+) (Android 4.0+) WebP WebP (.webp) (Lossless, (Lossless, Transparency, Transparency, Android 4.2.1+) Android 4.2.1+ continued on next page CarLink User Manual...

[Page 53](#) Only for Android 4.0 and above (Android • Matroska (.mkv, Android (Android 4.3+) 2.3.3+) 4.0+) •WebM (.webm) • • Matroska (.mkv, Android (Android 4.4+) 4.0+) H.264 AVC • The decoder is required, the encoder • is recommended. Main Profile (MP) (Android 6.0+) CarLink User Manual...