User Manual.

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Meet Car Thing

Car Thing makes it easier than ever to play your favorite music and podcasts in the car.

To set up, just connect to the car's media system with Bluetooth or the aux cable and mount it so it's easily accessible while driving. The dock allows you to easily grab and bring Car Thing with you when you leave the car.

Car Thing has a built-in 4G/LTE modem. This means you can play music and podcasts without using your phone, or any other device. Also, with smart caching, your music and podcasts can keep playing when you lose connection.

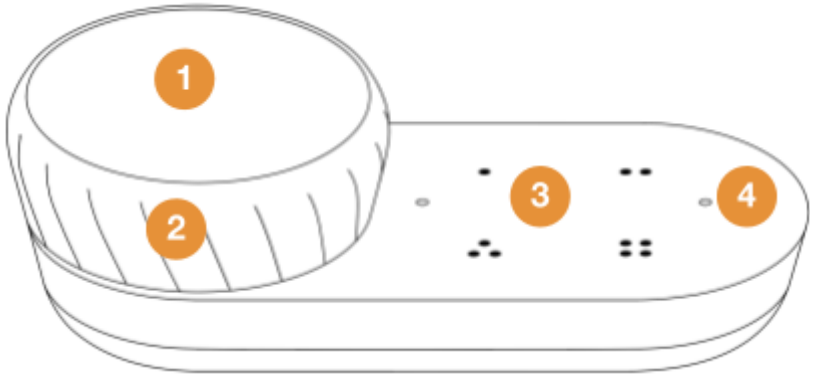
Car Thing has voice recognition tailored for the driving environment. This means you can control it while keeping your hands on the wheel and your eyes on the road.

You can also turn the dial, or press the screen, or preset buttons to control Car Thing.

Important! Don't set up Car Thing while you're driving. Distracted driving can result in serious injury, death, and property damage. Always operate your vehicle and Car Thing safely and legally. Go to the Safety information for more about how to set up and use the device safely.

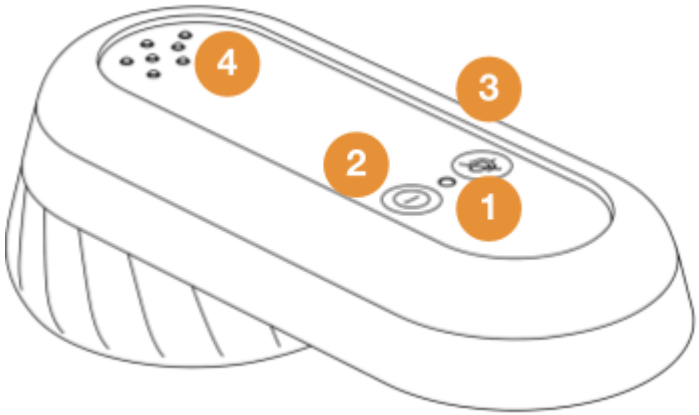
Get to know Car Thing

Front



1. **Screen** - See and control what's playing. Press up, down, left, right, and center to navigate and perform different actions.
   Note: The screen is not a touch screen. You need to push the screen firmly but carefully until you hear it click.
2. **Dial** - Turn to explore music, settings, and options.
3. **Preset buttons** - Save your favorite music and podcasts to play instantly.
4. **Microphones** - Control Car Thing with your voice.

Back



1. **Restart button** - Press to make the device restart.
   Tip: Use a thin object such as a paper clip to push the button.
2. **Power button** - This button controls the device's power:
   - Tap briefly to put the device in sleep mode.
   - Press and hold for about 3-5 seconds to turn the device off.
3. **Microphone button** - Press to switch the mic on or off.
4. **Dock connectors** - Make sure the little pins line up with those on the dock.

What's in the box?

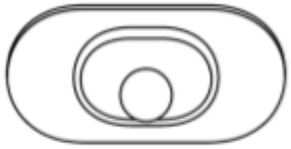
Mounting parts

Dash mount - Attaches to any vertical surface in the car with a sticky adhesive.

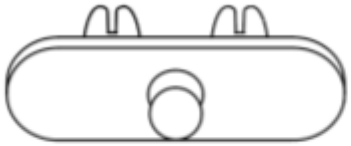
Vent mount - Attaches to the car's vents.

CD mount - Attaches to the car's CD slot.

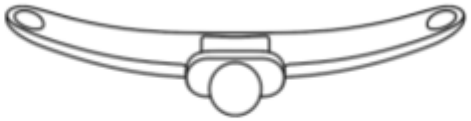
Dock and screw - Connects Car Thing to power and aux. On the back of the dock, the screw attaches the dock to the mounts.



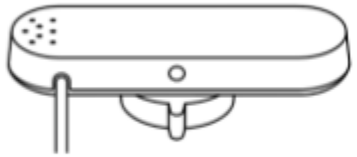
Dash mount



Vent mount



CD mount



Dock and screw

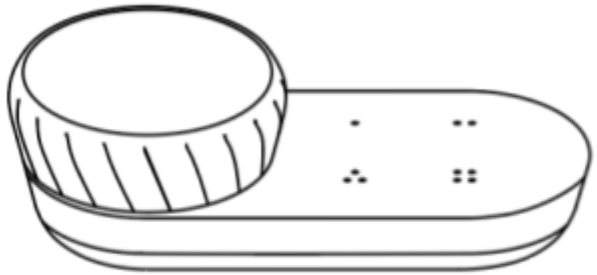
Connecting parts

Car Thing - Plays your music or podcasts through the car speakers via Bluetooth or the aux cable.

Power adapter - Connects the dock to the 12V power outlet in the car.

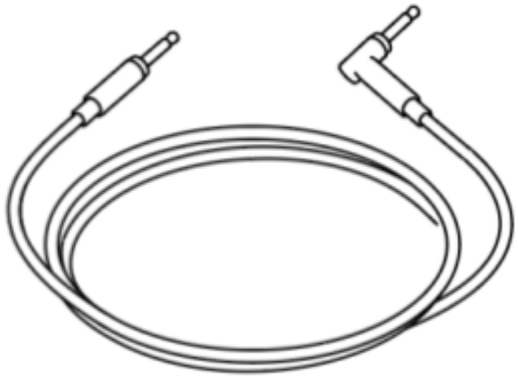
Aux cable - Can connect Car Thing to the car's media system.

Note: The aux cable is one option to use to connect to the car's media system. You can also connect with Bluetooth.



Car Thing

Power adapter



Aux cable

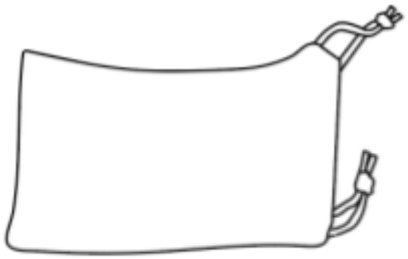
Other parts

Storage pouch - Stores Car Thing when it's not in use.

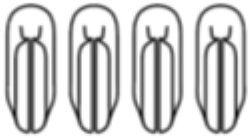
Cable organizers - Helps keep Car Thing's cables neat and out of the way.

Cleaning cloth - Cleans the surface before you place the dash mount.

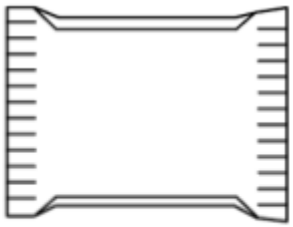
Also included: Velcro band (wrapped around the aux cable), Set up guide, Meet Car Thing guide, product and safety instructions, and your warranty.



Storage pouch



Cable organizers



Cleaning cloth

Set-up guide

These are the steps to getting Car Thing set up in your car and ready to play:

1. **Mount in the car.** Use one of the three mounts included in the box (CD mount, vent mount, or dash mount) to secure the device to your dashboard. Which one you use is up to you.
2. **Connect to power.** Set up Car Thing on the dock and connect the dock to a power source in the car with the provided power adapter.
3. **Start the device.** Start the device for the first time.
4. **Connect to the car's media system.** You can do this with either Bluetooth or the aux cable.
5. **Link account.** Link your Spotify account to the device.
6. **Organize the cables.** Use the cable organizers to make the cables look neat and tidy.

Important! Don't set up Car Thing while driving. Distracted driving can result in serious injury, death, and property damage. Always operate your vehicle and Car Thing safely and legally.

Mount in the car

Choose your mount

The options

CD mount: Attaches inside the CD slot. This mount is appropriate if:

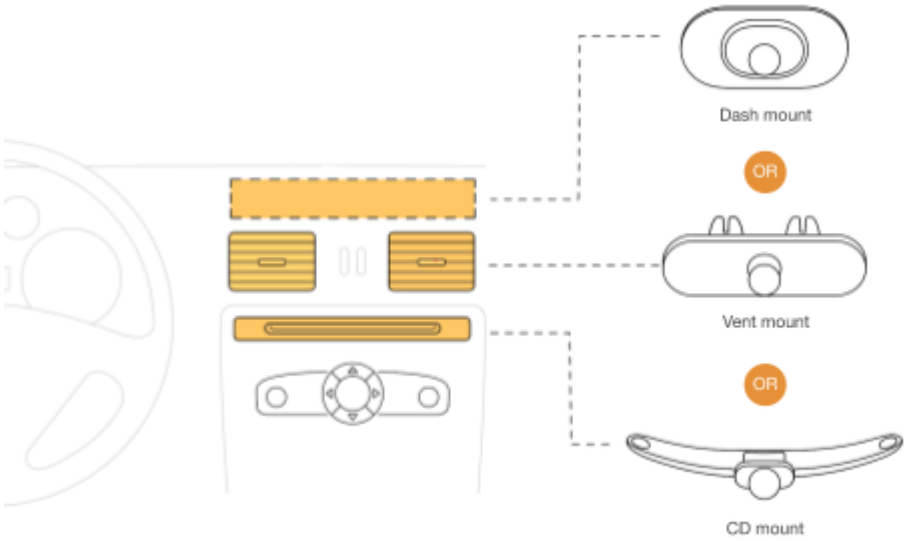
- The car has a CD slot located in a spot that makes it easy and safe for you to set up and operate Car Thing.
- The CD slot isn't used to play CDs

Vent mount: Attaches to the bars in a small vent. This mount is appropriate if:

- The car has a small vent located in a spot that makes it easy and safe for you to use Car Thing.
- You don't mind partially blocking the air flow from one of the vents.

Dash mount: Attaches with adhesive to any vertical surface on the dashboard. This mount is appropriate if:

- The car doesn't have a CD slot or a small vent located in an appropriate spot for mounting.
- There is a clean, flat surface on the car's dashboard. The surface should be vertical, or close to vertical, so that the screen on the device can be angled towards you.



Before mounting

Consider the following when choosing which mount to use and where to put it:

- The mount must be out of the way from important functions in the car (such as gear stick, parking brake, light switches and speedometer).
- Car Thing should not be placed in front of or above any airbag.
- Car Thing must be safely secured with the chosen mount.
- Car Thing needs to be close enough for you to easily see and reach from the driver's seat.
- Car Thing needs to be close enough to hear you speaking when driving.
- The aux and power cables need be able to reach Car Thing where it's mounted.

Important! Go to the Safety information for more information about how to install the mounts safely.

Removal of mounts

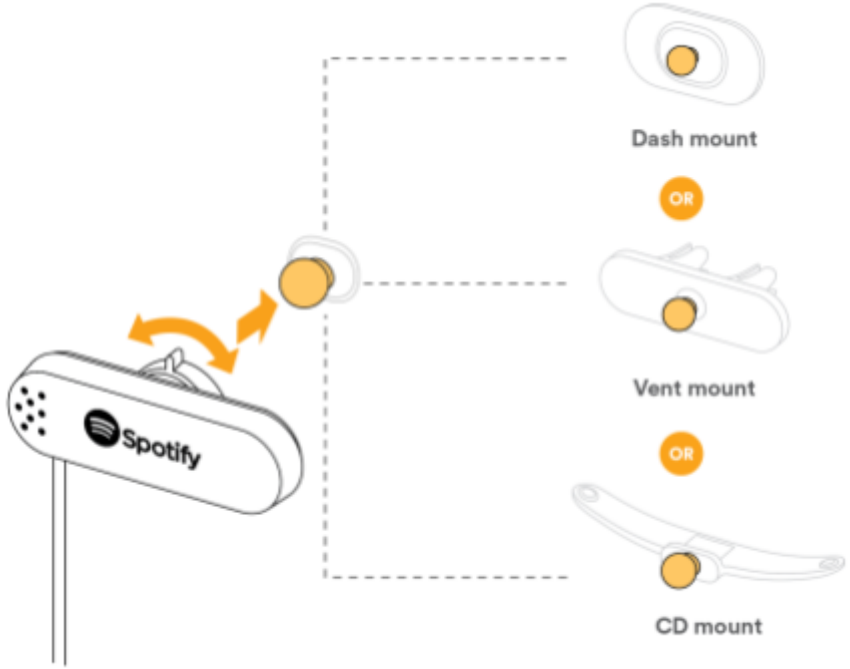
Go to the section Removal of mounts for information about how to remove the different mounts.

Attach the dock to the mount

Once you've chosen your mount you need to attach the dock to it. You do this by using the screw on the back of the dock. The dock attaches in the same way regardless of which mount you're using.

1. Loosen the screw on the back of the dock.
2. Insert the ball joint on your chosen mount into the grip on the back of the dock. You need to insert the ball through the hole in the screw.
3. Fasten the screw to secure the mount.

Important! Go to the Safety information for more information about how to install the mounts safely.



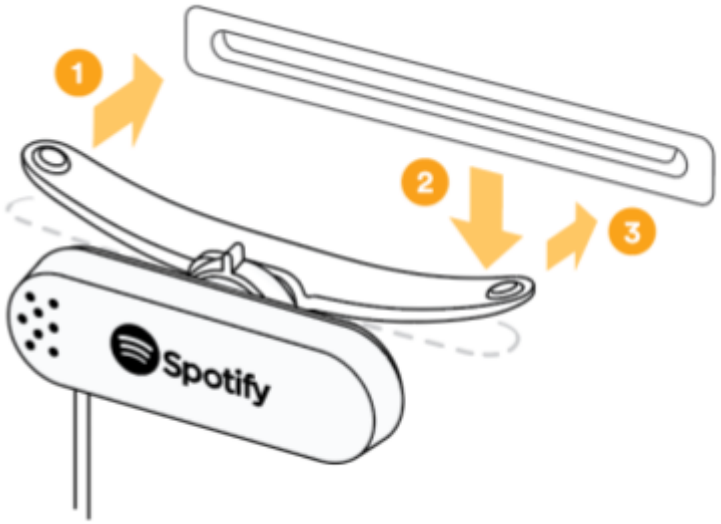
Place the mount

CD mount

This mount has wings that can be flattened to fit into the CD slot.

Important! Make sure you put the wings in the right way. The tips should be pointing upwards.

1. Insert one of the wings into the CD slot.
   Important! Make sure the CD slot is empty before inserting the mount.
2. Gently bend the other wing and rotate it in.
3. Carefully push the mount into your CD slot until it feels secure.



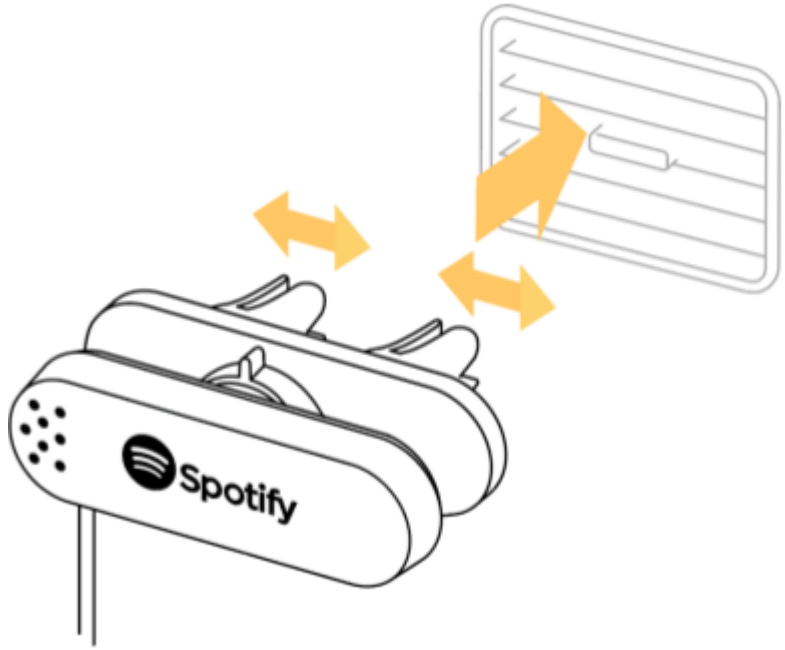
Important! Go to the Safety information for more information about how to install the mounts safely.

Vent mount

This mount has grips that can attach to the bars of a small vent. The grips slide on tracks which makes it possible for you to adjust the mount to the positioning of the vents in the car.

Tip! The mount can be placed vertically or diagonally as well as horizontally, depending on the orientation of the vent bars. Try it out to find the position that gives the best stability. If you place the mount vertically or diagonally you can twist the dock's position so Car Thing is placed horizontally.

1. Ensure the vent you've chosen is in the open position.
   Important! If possible you should turn off the vent as the air flow from the vent can cause noise interference, making it harder for Car Thing to hear you.
2. Slide and twist the grips to fit your vent.
   Note! The gaps between the clamps differs in width, so you might need to turn them depending on the thickness of the bars.
3. Push firmly but carefully to place the mount on the vent.



Important! Go to the Safety information for more information about how to install the mounts safely.

Dash mount

This mount attaches with adhesive to any vertical surface you choose.

Important! Before you mount the device, you should carefully consider the mounting location. The adhesive is very sticky, can be difficult to move, and is not reusable.

1. Pick an appropriate surface to place the dash mount. The surface shouldn't be horizontal as the ball joint can't tilt 90 degrees.
   Tip! Try out different locations with the protective strip still attached before deciding on a surface.
2. Use the cleaning cloth to make sure the surface is clean.
3. Pull off the protective strip from the dash mount.
4. Place the mount on your chosen surface. Press firmly to make sure the adhesive attaches.

Important! Go to the Safety information for more information about how to install the mounts safely.

Connect to power

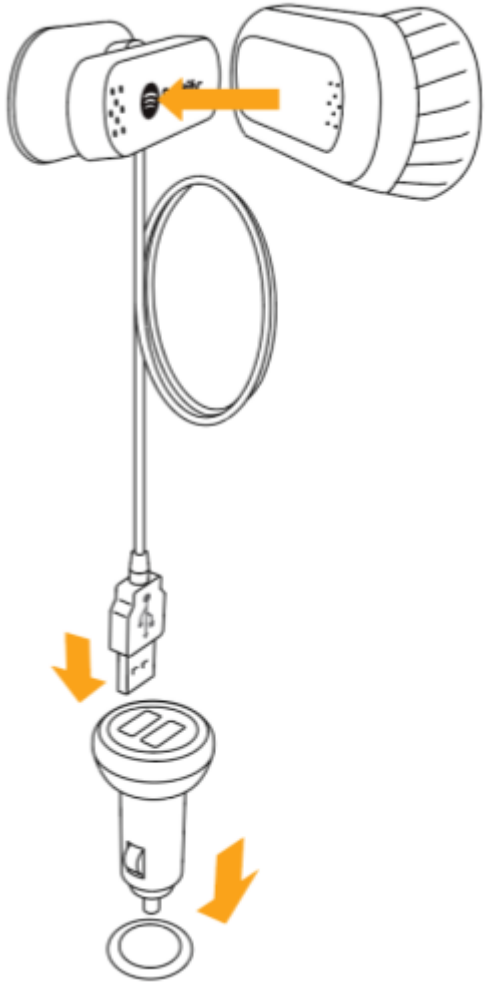
Connect to dock

The dock enables Car Thing to become connected to power.

Important! Always remove Car Thing from the dock and bring it with you when you leave the car. If you leave Car Thing on the dock your car might still supply it with power, which risks draining the car's battery.

Note: Car Thing retains only a limited amount of power when unplugged, so it needs to remain on the dock when in use.

1. Place Car Thing on the dock, making sure the connectors on the two devices line up.
2. Car Thing attaches to the dock magnetically.



Connect to power outlet

To connect the dock to a power outlet, use the USB cable on the dock and the provided power adapter.

Important! Do not use any other power adapter than the one provided. Go to the Safety information for more information about how to use the device safely.

1. Locate the 12V power outlet in the car (it's usually the cigarette lighter).
   Important! Make sure the outlet you use is actually 12V and that it's providing power. For some cars that means the ignition has to be turned on.
2. Plug the power adapter into the power outlet.
3. Plug the USB cable into one of the outlets on the power adapter (you can use the extra outlet to charge your phone!)

Important! Go to the Safety information for more information about how to install the mounts safely.

Start the device

As soon as the device is connected to power it will start automatically. If you’re using the device for the first time, you will be guided through the setup of the device.

Setup

At start up the device will check if the following is available:

- Car connection
- Linked account
- Network connection

If any of these are not available when you start the device it will guide you through setting it up.

Connect to the car's media system

You can connect Car Thing to the car's media system in the following ways:

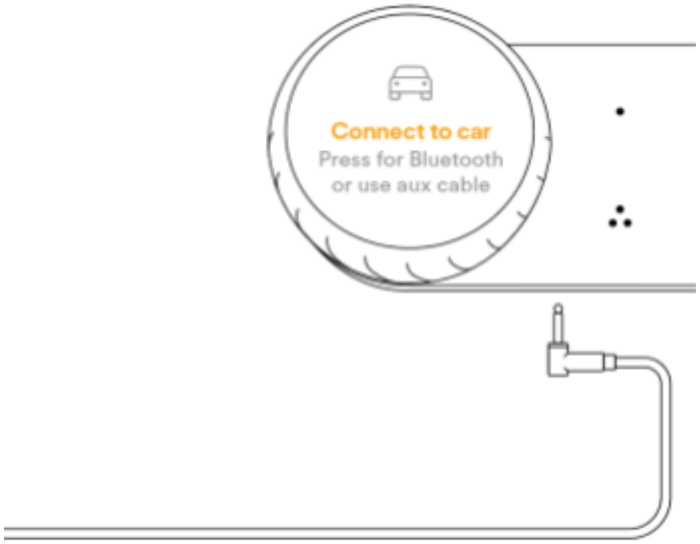
- With the aux cable.
- With Bluetooth.

Once Car Thing is connected to the car's media system, it can play music through the car's speakers.

It's possible to have both aux and Bluetooth connected at the same time. Music is then played via the aux connection. If you disconnect the aux cable, the Bluetooth connection is used instead.

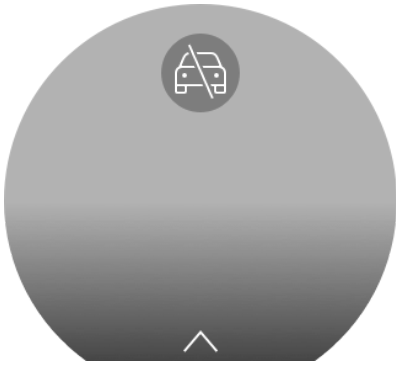
Can't hear the music?

- Try turning the volume up on the car's media system. Sometimes the car's aux or Bluetooth mode is on a different volume level to other radio modes.
- Check that the car's media system is set to the mode you want to use (aux or Bluetooth).



No car connection

If the device has no car connection a symbol indicating this is shown on top of the screen. If this symbol shows, you need to connect the device to the car’s media system with the aux cable or Bluetooth to play music through the car’s speakers.



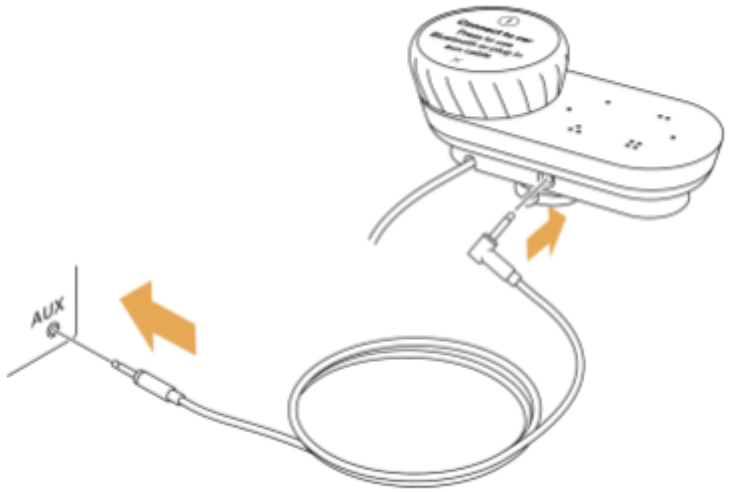
Connect with the aux cable

The provided aux cable is an easy way to connect Car Thing to the car's media system through the aux port.

Note: Not all cars have an aux port. Refer to the car's user manual for information about whether it has an aux port, where it's located and instructions on how to set aux mode.

1. Plug one end of the aux cable into the aux port in the car.
2. Plug the other end of the cable into the aux port on the dock.
3. Set the car's media system to aux mode.
4. On Car Thing, go to **Settings** > **Connect to car** and ensure that aux cable as the current car connection.
   Note: If no car connection is found when you start the device, you're automatically taken to this page.

Important! Go to the Safety information for more information about how to set up the device safely.



Connect with Bluetooth

When using Bluetooth to connect Car Thing to the car's media system, you first need to establish a connection by pairing the devices to each other. You can do this either from Car Thing or from the car's media system.

After you've paired them they will connect automatically every time you use Car Thing in the car.

Before pairing

Ensure the following:

- Car Thing is not already paired to another Bluetooth device. In that case you should make Car Thing forget that device first, for more information go to Forget device.
- The car's media system is not already connected to the maximum amount of Bluetooth devices (this amount can be one or more units depending on the car). If it is you should make the car's media system forget another Bluetooth device before pairing to Car Thing. If you don't do this first the car's media system might decide itself which Bluetooth device to forget, or it won't be able to pair to Car Thing at all.
- Car Thing isn't already connected to the car's media system via the aux cable. Car Thing can be connected via both aux and Bluetooth at the same time, but the music will then be played via the aux connection. If you want to use the Bluetooth connection instead you need to disconnect the aux cable from both Car Thing and the car's media system.
- Car Thing is within 3 feet (91 cm) from the car stereo.
- The ignition in the car is turned on.
- The car stereo is turned on.

Need more information? Refer to the car's user manual for information on how to activate and pair Bluetooth on that car's media system.

Phone calls

If your phone is also paired to the car with Bluetooth you can still take and make calls when Car Thing is paired (provided the car's media system can be paired to more than one Bluetooth unit).

Connection problems

If your car's media system isn't automatically connecting to Car Thing try the following:

- Restart Car Thing.
    - Go to Restart for more info about how to do this.
- Restart the car.

If these solutions don't work you probably need to pair Car Thing and the car's media system to each other again.

Note: If you've recently paired Car Thing or the car to a new Bluetooth device that might have caused this pairing to be forgotten.

Pair from Car Thing

Follow these instructions if you want to establish the connection from Car Thing.

Note: Some cars don't support pairing from another device. If that's the case try pairing from the car instead, go to Pair from the car's media system for information about how to do this.

1. Go to the Bluetooth settings in the car's media system and set it to be discoverable by other Bluetooth devices. This will make the car's media system discoverable for other Bluetooth devices
2. On Car Thing, go to **Settings** > **Connect to car**.
   Note: If no car connection is found when you start the device, you're automatically taken to this page.
3. Press the center of the screen. Car Thing will look for nearby Bluetooth devices.
4. When Car Thing has found one or more available Bluetooth devices they are displayed in a list. Turn the dial to browse them.
   Can't find your car? Try these solutions:
   - Exit and reopen Settings, then reselect Bluetooth.
   - Restart Car Thing
   - Restart the car.
5. Press the center of the screen to select the Bluetooth device you want to pair to. Allow 30 seconds for it to pair.

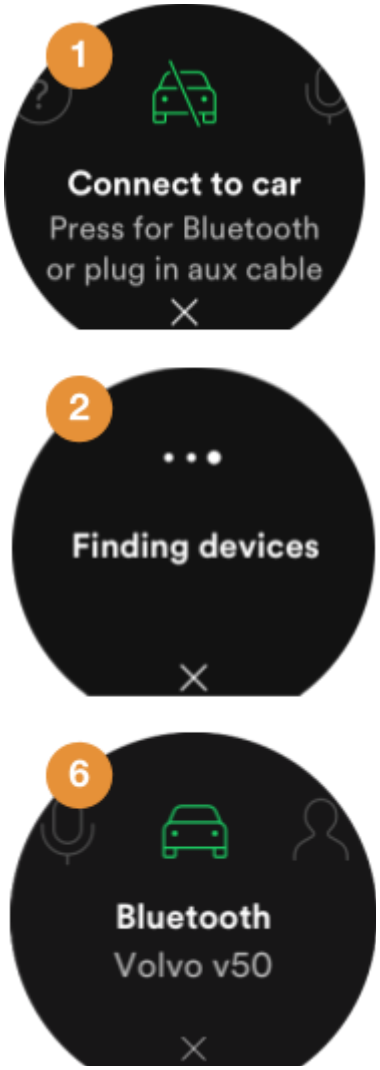
Note! The car's media system might ask you to input a code at this stage, if it does enter the code 0000.

6. You now get the option to perform voice optimization, which makes Car Thing better at picking up your voice requests. Press the center of the screen to start voice optimization. Go to Voice Optimization for more information.
7. Car Thing will pair to the selected Bluetooth device. The name of the device is shown as your car connection when you go to **Settings** > **Connect to car**.

Pair from the car's media system

Follow these instructions if you want to establish the connection from the car's media system.

1. On Car Thing, go to **Settings** > **Connect to car**.
   Note: If no car connection is found when you start the device, you're automatically taken to this page.
2. Press the center of the screen. This will make Car Thing discoverable for other Bluetooth devices (it remains discoverable until you exit Bluetooth settings).
3. Go to your Bluetooth settings in your car's media system and set it to search for other Bluetooth devices.
4. When the car has found one or more available devices they are displayed in a list.
5. Select Car Thing in the list of available Bluetooth devices.
   Note! The car's media system might ask you to input a code at this stage, if it does enter the code 0000.
6. The car's media system will pair to Car Thing. Your car will be shown as your car connection when you go to **Settings** > **Connect to car**.

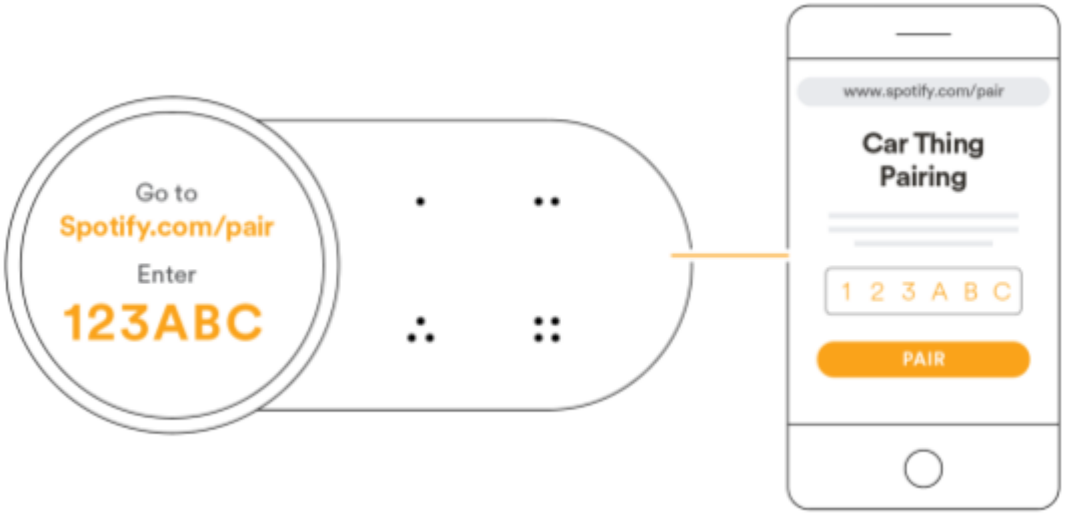


Link account

To play music on the device, you need to link your Spotify account to it.

Note: Use a mobile device with an internet connection and a browser, such as a phone or tablet, to perform this.

1. Go to Spotify.com/pair.
2. Enter the email address and password for your account.
3. Enter the code that appears on Car Thing's screen.
4. Tap **Pair** to confirm.



Organize the cables

After you've set Car Thing up and mounted it, you can use the cable organizers to arrange the cables. These let you arrange the cables in a neat and tidy way to keep them away from important functions in the car.

Place the cable organizers

1. Decide on appropriate spots to place the cable organizers. This should be in spots that places the cables out of the way from important functions in the car.
2. Clean the surface where you will put the cable organizers.
3. Peel off the protective cover from the back of the cable organizers.
4. Place the cable organizers in your chosen spots.

Insert cables

1. Open the cable organizers along the center.
2. Place the cables in the opening.

Tip! You can also use the velcro band from around the aux cable to help organize the cables.

Important! Go to the Safety information for more information about how to install the mounts safely.

Navigate Car Thing

1. Settings

Here you can manage Car Thing. To get to **Settings**, press up from **Now Playing** (default screen).

- Turn the dial to scroll through options and sub-options
- Press the center of the screen to select options.
- Press down to return to **Now Playing**.

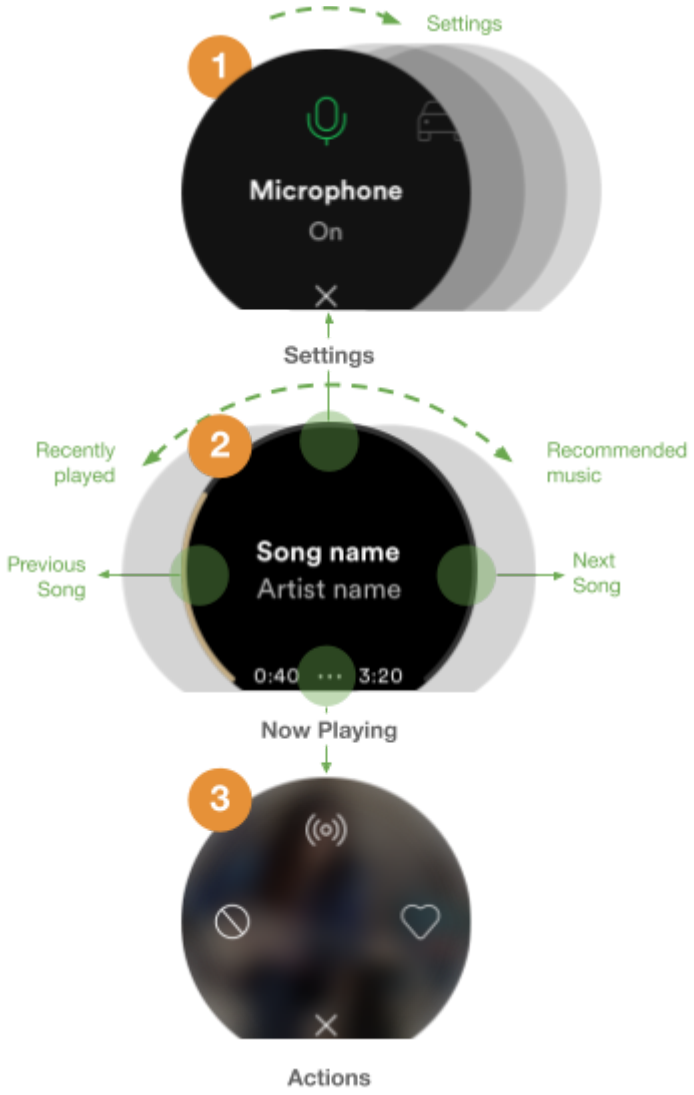
Note! Go to Settings for more information about the different settings that are available.

Important! When you're driving, most of the **Settings** menu is not available for safety reasons. Go to the Safety information for information about using the device safely while driving.

2. Now Playing (default view)

This is the default view when turning on Car Thing. Here you will see cover art for what's currently playing.

- Press and hold the center of the screen to get Car Thing listening.
- Press the center of the screen to play/pause.
- Press the screen right to skip current song.



- Press the screen left for previous song (if the current song's been playing for less than 30 secs) or beginning of the current song (if it's been playing for more than 30 secs).
- Press the screen up to get to **Settings.**
- Press the screen down to get to **Actions**.
- Turn the dial to browse featured music and podcasts. Scroll to the right to find to find recommendations for you and scroll to the left to find what you've recently played on the device.

This screen has 3 different modes:

- **Now Playing** - When a song starts playing you will see the title, artist, and duration of the song.
- **Screen saver** - After about 7 seconds, only the cover art will be shown on the screen. Press and hold down to get to **Actions** in this mode.
- **Paused** - When you pause a song, the screen will become slightly dimmed after about 5 seconds.

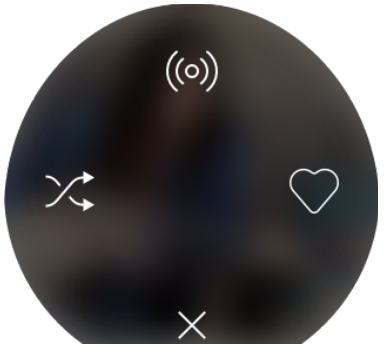
3. Actions

Here you can find more ways to control what plays. To get to **Actions**, press the screen down from **Now Playing** (default view).

The options in this view depend on what's playing. See the next page for more information.

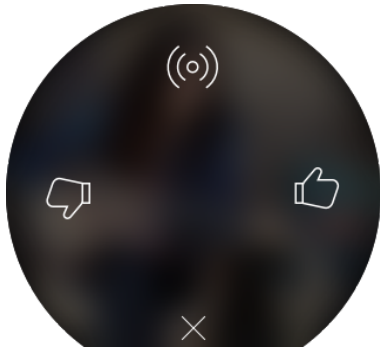
For albums, artists, and playlists:

- Press up to start Radio. This starts a playlist of similar songs to what's currently playing.
- Press right to like the song - saves to **Your Library**. Press right again to remove from **Your Library**.
- Press left to **Dislike** - you will skip ahead to the next song and it won't be played again in this mix.
- Press down to return to **Now Playing**.



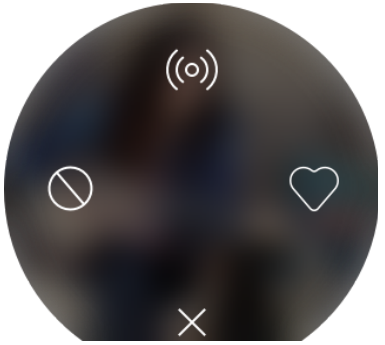
For Daily Mix:

- Press up to start Radio. This starts a playlist of similar songs to what's currently playing.
- Press right to like the song - saves to **Your Library**. Press again to remove from **Your Library**.
- Press left to turn **Shuffle** on/off**.**.
- Press down to return to **Now Playing**.



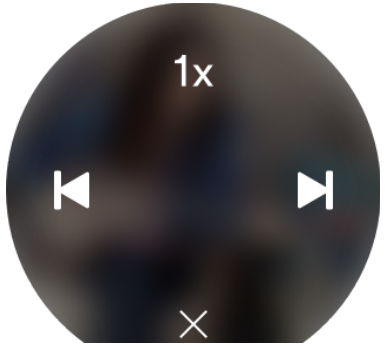
For Spotify Radio:

- Press up to start Radio. This starts a playlist of similar songs to what's currently playing.
- Press right to like the song - this informs the Radio to play more songs like this one.
- Press left to dislike the song - this will inform the Radio to not play more songs like this one.
- Press down to return to **Now Playing**.



For podcasts:

- Press up to change the speed.
- Press left to go to the previous episode.
- Press right to go to the next episode.
- Press down to return to **Now Playing**.



Talk to Car Thing

The easiest way to control Car Thing is by talking to it!

Car Thing is created for you to talk to while driving and playing music, so it can hear you even when you have music playing.

Important! Go to the Safety information for information about using the device safely while driving.

Get Car Thing to listen

To talk to Car Thing you first need to get it listening. You can do that one of these ways:

- Say: “Hey Spotify”.
- Press and hold the center of the screen while in the **Now Playing** view.

When Car Thing is listening, the Mic symbol is displayed on a green screen. If any music is currently playing, the volume is reduced.

Talk to Car Thing

Once Car Thing is listening, you can ask it to:

- Play the music or podcast you want to hear.
- Say which song is playing and who the artist is.
- Perform actions like pause, shuffle, skip, like, and dislike.

Not working?

If you can’t get Car Thing to understand you or reply to you it’s probably due to one of these errors:

- **No or limited internet connection**. If Car Thing has no or limited internet connection it can’t do what you ask it to.
- **No matches for phrase.** Car Thing understood what you asked for but couldn’t find any matches in Spotify’s library.
- **Phrase wasn’t understood**. Car Thing couldn’t understand what you said. Try one of the following solutions:
  - **Speak clearly.** Face the Car Thing and make your request again, speaking clearly, at normal speed, without emphasising certain words.
  - **Eliminate noise.** Make sure there’s no excessive noise interference, for example from open windows or air vents.
  - **Rephrase.** Try to rephrase your request.

What can I ask Car Thing to do?

This is a list of common things you can ask Car Thing to do. Be aware that the list doesn't cover everything you can ask.

Remember! Always start out by saying "Hey Spotify" or press and hold the center of the screen to get the device to listen before asking it to do something.

The screen needs to look like this when you ask something!

Play music (and podcasts)

To do this	Say "Hey Spotify…"
Play something	...play. ...start playing.
Play a song	...play {song}. ...play {song} by {artist}.
Play an album	...play {album}. ...play {album} by {artist}.
Play an artist	...play {artist}.
Play a playlist	...play {playlist name}.
Play songs I have liked	… play my songs
Play inspired music	...play {mood/genre/topic/decade} music. (For example: "Play happy music", "Play pop music", "Play summer music" or "Play 80s music").
Play top charts	...play the top {number of top hits}. ...play {country} top {number of top hits}.
Play more songs like this	...play more like this.
Play Spotify Radio	...play {artist} Radio. ...play {song} Radio. ...play {album} Radio.

	...play {genre} Radio. ...play more like this
Play a podcast	...play {name} podcast. ...play {podcast name}.
Play a preset	...play preset {number}.

Control music (and podcasts)

To do this	Say “Hey Spotify…”
Shuffle music	...shuffle. ...shuffle playlist. ...shuffle album.
Stop shuffling	...stop shuffle. ...shuffle off. ...stop shuffle playlist. ...stop shuffle album.
Repeat an album or playlist	...repeat all. ...repeat on.
Repeat a song	...repeat this song.
Stop repeating	...repeat off. ...stop Repeat.
Pause music	...pause. ...stop. ...stop playing.
Resume music	...start playing. ...resume.
Skip a song	...play the next song.
Play the previous song	...play the previous song.

Ask questions

To do this	Say “Hey Spotify…”
Find out what’s playing	...what’s playing?

Save music (and podcasts)

To do this	Say “Hey Spotify…”
Save what’s playing to a preset	...save to preset {number}.
Save a song to Your Library	...save to collection. ...save to library.

Show content

To do this	Say “Hey Spotify…”
See my playlists	...show my playlists.
See an artist’s music	...show {artist}

Network connection

Car Thing has a built-in 4G/LTE network. This means it will automatically connect to the internet when network coverage is available.

Limited network connection

If Car Thing can't find a network connection try the following:

- Move to another location to get a better network signal. Car Thing will connect automatically when it detects a better signal.
- Restart Car Thing.
    - Go to Restart for more information about how to do this.
- Update Car Thing if there's an update available.
    - Go to Updates for more information on how to do this.

Smart caching

With smart caching, your music and podcasts can keep playing for a while even when you have limited network connection. Music and podcasts that you have listened to recently are available for you to listen to. But you can't ask for or play music or podcasts that you haven't listened to on the device recently.

The device also fetches a few songs ahead of what is currently playing. This means less risk of streaming interruptions due to short periods of limited network connection such as when you drive through a tunnel.

Presets

If you want to easily find your favorite music and podcasts, you can set them as presets.

You can set any of the following to a preset:

- Playlists
- Albums
- Artists
- Singles / EPs
- Podcasts
- Spotify Radio
- A Daily Mix

Set a preset

First find and play the music or podcast you want to save. Then set it to a preset in one of these ways:

- Say “Hey Spotify, save to Preset {number}”.
- Press and hold the button for the preset you want to save to.

Note: Anything previously saved to a preset is replaced when you save something new to it.

Play a preset

Whenever you want to play something that is saved to a preset you can do it in one of these ways:

- Say “Hey Spotify, play Preset {number}”.
- Press the preset button for the option you want to play.

Settings

In the **Settings** menu you can change the settings for how the device behaves. You can also access information about the device and get support for how to use it.

When you're driving, most of the **Settings** menu is not available for safety reasons. The only option available is **Microphone** since you need to be able to make the device start or stop listening to your requests.

Microphone

When the microphone is on, Car Thing is always listening for you to say "Hey Spotify" and make a request.

If the microphone is turned off, the symbol indicating this is shown at the top of the screen.

Note: Even when the microphone is off, you can get Car Thing's attention by pressing and holding the center of the screen. Then make your request.

Turn microphone on/off

1. Go to **Settings** > **Microphone**.
2. Press the center of the screen.

You can also turn off the microphone by clicking the microphone button on the back of the device.

Connect to car

Here you can see if Car Thing is connected to the car's media system. Car Thing can be connected to the car's media system via Bluetooth and aux.

Connect via aux

If you choose to connect to the car's media system with aux you use the aux cable to connect Car Thing to it.

Go to Connect with the aux cable for more info.

Connect via Bluetooth

If you choose to connect with the car's media system with Bluetooth you don't need any cords or other equipment. Car Thing can remember several Bluetooth devices and you will see these in a list.

Go to the Connect with Bluetooth for more info.

Forget device

If you no longer want Car Thing to pair to a certain Bluetooth Device you can have Car Thing forget it.

1. Go to **Settings** > **Connect to car** in Car Thing..
2. Press the center of the screen.
3. Use the dial to scroll to the end and select **Forget car**.
4. Pick the device you want to forget in the list.
5. Press the center of the screen to forget that device.

Account

This is the Spotify account linked to Car Thing. It means you can access that account from your device.

The device needs to be linked to an account for you to be able to use it, so if you unlink an account you need to link another account instead.

Link account

Go to Link account for more info.

Unlink account

1. Go to **Settings** > **Account**.
2. Press the center of the screen.
3. A prompt will be shown asking if you want to unlink the account. Press the center of the screen to confirm.

Options

Under **Options** there's a bunch of advanced settings that you can change to adapt the Car Thing to your preferences.

Autoplay

Autoplay means that anything you browsed when turning the dial starts playing automatically.

Turn on/off Autoplay

1. Go to **Settings** > **Options** > **Autoplay**.
2. Press the center of the screen to switch on/off.

Speaking

When **Speaking** is on, Car Thing will reply to you when you talk to it. If it's off, Car Thing will still hear and execute your requests, but it won't speak.

Turn speaking on/off

1. Go to **Settings** > **Options** > **Speaking**.
2. Press the center of the screen to switch on/off.

Play at start

When **Play at start** is on, music starts playing immediately when you turn on the device. It will be whatever you were last playing on your account.

Turn play at start on/off

1. Go to **Settings** > **Options** > **Play at start**.
2. Press the center of the screen to switch on/off.

Voice optimization

This option makes Car Thing better at picking up your voice requests by recognizing which sounds are coming from itself and which sounds aren't.

Perform voice optimization

1. Go to **Settings** > **Options** > **Voice Optimization.**
2. Press the center of the screen.
3. Several sounds are played as part of the optimization. The optimization takes 10-30 secs.

Voice

Here you can select the voice for Car Thing. All voice replies from the device will be performed with the selected voice.

Select voice

1. Go to **Settings** > **Options** > **Voice**.
2. Press the center of the screen.
3. Select **Voice 1** or **Voice 2** and press the center of the screen to confirm.

Music level

To turn the volume up or down, you use the volume control settings on the car's media system, but you can also select a default volume level for the Car Thing.

To turn the volume up or down, use the volume control settings on the car's media system

Set music level

1. Go to **Settings** > **Options** > **Music level**.
2. Press the center of the screen.
3. Select **High, Medium,** or **Low** as the default music level.

About

Get information about Car Thing by going to **Settings** > **About**. Here you'll find:

- Serial number
- IMEI number
- FCC label
- App version
- OS version
- Voice version
- Language version

Help

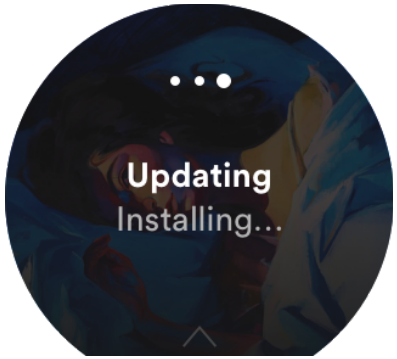
You can get help on how to use Car Thing by going to **Settings** > **Help**.

Here you can access brief help information in text form about different topics.

Updates

Updates will be available for the device regularly. When an update becomes available, it will initiate the next time the device is connected to power or restarted.

You don’t have to do anything for these updates to be performed, but you might briefly see a screen saying that the device is updating while it starts up. The update will at most take a few minutes to perform.



Power

Power modes

Car Thing has different modes depending on if it's in use or not. The mode also depends on if Car Thing is connected to power or not.

- **Playing** - When Car Thing is currently playing music and is connected to power.
- **Standby** - When the music has been paused for more than 5 secs. The screen becomes slightly dimmed in this mode. This mode also happens when Car Thing is disconnected from the dock. All music is automatically paused when the device is disconnected.
- **Sleep** - When Car Thing has been disconnected for more than 5 secs. The screen will turn off in this mode. When you connect Car Thing to power again it will go right back to Playing mode and the song that was last playing will resume. You can also put the device in sleep mode by briefly tapping the power button.
- **Power off** - When Car Thing is completely turned off. This happens when Car Thing is almost out of battery (about 48 hours after going into sleep mode) or if you turn off Car Thing by pressing the power button on the back.

Restart

There are two different ways to restart the device.

- Go to **Settings** > **Restart** > **Restart**.
- Take the device off the dock and press the restart button (the small round button on the back).
  Tip: Use a thin object such as a paper clip to push the button.

Turn on

Car Thing turns on automatically when you connect it to the dock.

Turn off

Car Thing is turned off by pressing and holding the power button on the back for about 3-5 seconds.

Note: You only need to turn the power off in situations where the device has to be completely off, for example if you bring the device with you during a flight. In most situations it's fine to let Car Thing go to sleep mode.

Put in sleep mode

The device will automatically go to sleep after being disconnected for about 5 seconds.

You can also put the device in sleep mode by tapping the power button on the back briefly.

Power problem

The message **Power problem** is shown if the device is plugged into the wrong power source. The device won’t be able to operate. Try plugging the device into another power source if this happens.

Factory reset

By doing a factory reset you will clear all saved data from the device.

The following data will be cleared when you perform a factory reset:

- User data such as:
    - Bluetooth settings
    - Preset settings
    - User settings
- Fetched content
- App data
- App updates

OS updates performed on the device won't be cleared during a factory reset.

Perform factory reset

1. Go to **Settings** > **Power** > **Reset**.
2. Turn the dial to get to **Factory reset**.
3. Press the center of the screen to perform a factory reset.

Removal of mounts

To decrease the risk of damage, use both hands and firm and steady movements when you remove a mount. Never yank on it.

Preparations

Detach the dock and Car Thing from the mount before removing it. This makes it easier to remove the mount and also prevents damage to the dock and Car Thing.

Remove CD mount

1. Flatten the mount slightly.
2. Gently slide one end of the mount out from the CD slot.
3. Slide the other end out.

Remove vent mount

1. Slide the grips of the mount towards you until the mount is completely out of the vent.

Remove dash mount

The best way to detach the dash mount is by using dental floss or a similar type of string.

1. Put the string behind the mount.
2. Move the string back and forth in a sawing motion to detach the adhesive.

It's also possible to detach the dash mount by pulling on it and moving it back and forth to loosen the adhesive.

Important! Never use a sharp object, such as a knife or scalpel, as this could damage your dashboard.

Cleaning

If your device needs to be cleaned, we recommend you use a lint free and scratch resistant cloth (microfibre preferred). Use this cloth to clean both the screen and all other external parts. Dampen the cloth slightly if needed and clean the screen using soft, even strokes.

Important! Never use any type of cleaning solvent or other chemical agents to clean the device.

Recycling and disposal

Devices that are no longer operational should be returned to Spotify, together with all equipment included.

Visit support.carthing.com for information about how to do this.

If this is not possible you should abide by your local regulations regarding recycling and disposal of electronic waste. The device must be disposed of separately from ordinary household waste because it contains a battery and is considered electronic equipment. Ensure that you dispose of your device at a recycling center.

Technical specifications

Dimensions

- Width: 3.9” (98 mm)
- Height: 1.7” (43.3 mm)
- Depth: 1.2” (31.7 mm)

Display

- Size: 1.27” (Height) x 1.40” (Width) (32.19 mm x 35.52 mm)
- Pixels: 290 (height) x 320 (width) - 229 ppi

Weight

- Main Unit: 3.9 oz (110 g)
- Dock: 1.9 oz (54 g)
- Power Adapter: 0.8 oz (22 g)
- CD mount: 0.3 oz (9 g)
- Vent mount: 0.9 oz (27 g)
- Dash mount: 0.3 oz (8 g)

Wireless technology

- Bluetooth 4.0
    - Supported Profiles: AVRCP target, A2DP Source
- 3G/4G:
    - UMTS, bands: 2, 4, 5
    - LTE, bands: 2, 4, 5, 12

Battery

- 2 x 500mAh NiMH @ 1.2V

Ports & Connectors

- Power: USB 2.0 type A
- Audio out: 3.5 mm phone

Location Services

- GPS, GNS

Power

- Power supply requirements: 5V, 1.8A
- Power supply supplied: 12V in, 5V 1.8A +1.8A out
- Average power consumption, operational: 5W
- Peak power consumption: 10W
- Idle power consumption, 12V plug: 0.06W

Environmental conditions

- Operational temperature: 14 °F to 105 °F (-10 °C to 40 °C)
- Non-operational temperature: -40 °F to +194 °F (-40 °C to +90 °C)
- For long time storage please keep the unit within the following temperature range: -4 °F to 77 °F (from -20 °C to 25 °C)
- Dust protection: IP5K0
- Maximum Operating Altitude: 18 km

Important Safety Information

⚠ WARNING

Read and keep this information for future reference. Failure to follow these instructions or heed these warnings could result in fire, electrical shock, bodily injury, or property damage. Visit our website for the most up to date product and safety information.

Handle with Care. Car Thing is an electrical device that should be handled with care. Avoid dropping Car Thing. Do not expose Car Thing to liquids. Keep away from dust. Avoid extreme temperatures. Do not use Car Thing if it has been damaged.

Repair. Do not attempt to repair Car Thing. Contact Spotify support for information on repairs. Contact details can be found at: https://www.spotify.com/about-us/contact/

Electrical Safety. Only use adapters and cables provided by Spotify for use with Car Thing. Do not use Car Thing in explosive atmospheres, such as fueling areas. Do not remove or attempt to remove the battery.

Battery and Heat Warning.

- Prolonged heat exposure may damage your Car Thing. For example, do not leave Car Thing unattended in your vehicle in direct sunlight. To prevent heat damage, place Car Thing in the provided pouch and take it with you, or store in your vehicle's locked glove compartment.
- Do not puncture or incinerate the device or battery.
- When storing Car Thing for an extended time, store within the following temperature range: -4 to 77 °F (from -20 to 25 °C).
- Do not use the device outside of the following temperature range: from 14 to 105 °F (from -10 to 40 °C).
- Contact your local waste disposal department to dispose of the device/battery in accordance with applicable local laws.

Distracted Driving Hazard. Safe use of Car Thing in a vehicle is completely your responsibility. Be careful and attentive while operating a vehicle. Many states have laws prohibiting distracted driving. Never drive distracted. Stop using Car Thing if it distracts you from operating any kind of vehicle. For further information on the dangers of distracted driving and how you can be a part of the national effort to save lives by preventing this dangerous behavior, visit the National Highway Traffic Safety Administration website "Distracted Driving" (https://www.nhtsa.gov/risky-driving/distracted-driving).

Follow All Applicable Laws. Federal, state, or local laws or requirements may apply to your use of Car Thing. Spotify does not assume any responsibility for any fines, penalties or damages that may be incurred as a result of any federal, state, or local laws or requirements relating to the use of Car Thing.

Risk of Hearing Loss. To prevent hearing loss, do not listen to loud music or noises for a long period of time.

Radio and Electronic Device. Car Thing uses radio signals to connect to cellular networks. Observe signs and notices that prohibit or restrict the use of electronic devices. Car Thing should be installed and operated with minimum distance 8 inches (20 cm) between the radiator & your body.

Medical Device Warning. Car Thing may interfere with certain medical devices, such as pacemakers, defibrillators, or other medical devices. Keep Car Thing a safe distance away from your medical device. For specific information about your medical device, talk to your doctor and medical device manufacturer. Stop using Car Thing if you suspect it is interfering with your medical device.

Medical Conditions. Do not use Car Thing if you have any medical condition that you believe could be affected by Car Thing.

Repetitive Motion. Repetitive activities such as tapping or scrolling may lead to discomfort in your fingers, hands, arms, or neck. If you experience discomfort after using Car Thing, stop use and consult your doctor.

Choking Hazard. Car Thing and accessories may present a choking hazard. Keep Car Thing and accessories away from small children.

Installation Warning.

- Place the device and any cables so that they do not obstruct the driver's view or get in the way of vehicle operating controls, such as the steering wheel, foot-pedals or the driver's feet. Interference with the vehicle operating controls or feet can result in a collision, which could result in injury or death.
- Do not place the device in front of or above any airbag.
- Check and follow applicable laws and requirements about where you can mount Car Thing. IT IS THE USER'S RESPONSIBILITY TO MOUNT THE DEVICE IN ACCORDANCE WITH ALL APPLICABLE LAWS AND ORDINANCES.

Use Provided Mounts with Care.

- Car Thing comes with various mounts to use with your vehicle's dashboard, air vents and CD player. These mounts may not work with all vehicle models.
- Use care when installing Car Thing. Spotify is not responsible for any damage to a vehicle caused by affixing or mounting Car Thing on vents or other locations at the time of installation or later.

- The mounts may not stay attached in all circumstances. Do not place the device or mount where it will become a distraction should it become detached.

Regulatory and Compliance Information

Federal Communication Commission Interference Statement

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 8 inches (20 cm) between the radiator & your body.