About Voice Recognition

Your navigation device in your Mazda car offers an advanced speech recognition environment that allows you to control functions of the device using your voice. This offers a convenient and safe way to control the device while driving.

This document shows you how to get the best from the Voice Recognition feature. Using Voice Recognition, your device recognises what you are saying based on the language you selected during device setup. For navigation purposes, other available information such as possible addresses and city names are taken into account to achieve the best possible performance.

Occasionally, Voice Recognition may not behave as expected. This document also includes suggestions on how to improve the recognition of your spoken commands and addresses.

Tip: There is a Quick Start Guide on the last page of this document.
Mazda Voice Recognition Setup

Apart from Voice Recognition for the navigation system, there is also voice recognition available for other functions such as the car radio and telephone module. These items are optional so please check the availability for your car.

Voice recognition for infotainment is started using the push-to-talk button on the steering-wheel - this may depend on your car model.

An example for the Mazda CX-5 is shown in the picture to the left. Refer to your car manuals to find the button to start voice recognition.

You then see the following screen on the display in your car:

When prompted, say “Navigation” to go to Voice Recognition for your navigation device.

You cannot say navigation commands when this screen is shown. Say “Navigation” first.
TomTom Navigation voice-recognition setup

Previously, we told you how to use the push-to-talk button on the steering wheel to start infotainment voice recognition and then to use the “Navigation” command to go to the navigation Voice Recognition input screen.

The alternative is to use the microphone icon on the Driving View screen to start Voice Recognition. The navigation system then goes directly to the Voice Recognition “Command and Control” screen as shown below.

The navigation system plays a beep when it is ready to listen to your input. Please wait for this beep before starting to speak. In general you hear an announcement such as “Say a command” and then the beep. In a few cases, for example for confirmation screens, only the beep is played. When the device is ready for input the sound level is shown by the bar on the left. If you speak too loudly it will turn red. If you speak too softly there will be no bar shown. In a few cases the bar is not shown.

Command and Control

In the Command and Control screen you can say commands to get instructions to a POI, go to the address-input screen, increase or decrease volume etc. You cannot say an address or say “Drive to Main Street, Houston, Texas”. Address input is done in the address input screen. More information on this can be found later in this guide.

You do not have to remember specific voice commands for your navigation device. For each command, there are a number of possible commands that you can say. For example, to make the instructions louder you can say any of the following commands:

- Increase volume
- Turn up Volume
- Turn volume up
- Louder

Tip: If you experience problems with the recognition of a command you can try using a similar but different command to achieve the same results.
Useful Commands

This is an overview of the most useful commands for navigation.

Setting a destination

- **Directions to an address** Guides you to the next screen to enter an address.
- **Directions to the city center** Asks for the city to guide to.
- **Nearest <brandname>** Use one of the 400 known brandnames (US only, see Appendix).
- **Nearest <POI-category>** Use any of the POI categories (see Appendix).
- **Drive to Home** Drive to the address set as your Home-location.
- **Navigate to recent destination** Provides a list of recent destinations, then you choose the number in the list.

Guidance Commands

- **Plan Alternative** Calculates a different route to the current destination.
- **Avoid roadblock** Asks for length of roadblock will recalculate a route avoiding the roadblock.
- **Traffic Information** Reads aloud traffic information depending on availability.
- **Mute** Mutes guidance instructions and other warnings.
- **Repeat instruction** Plays a new instruction.
- **2D map** Shows the map in 2D view.
- **3D map** Shows the map in birdseye-view (3D).
- **Travel via ...** Creates a new route using the waypoint. See address input for possible locations.
- **Clear Route** Cancels guidance to current destination.

Other Commands

- **Where am I** Tells you where you are.
- **Add Favorite** Adds a location as favourite destination.
- **Report speed camera** Allows you to report a speed-camera. This is not supported in all countries.
- **Mark map error** For reporting a map correction to TomTom.
- **Zoom in (out)** Zooms the map in or out.
Example:
Setting a destination by using an address

Your navigation device can understand one-step address entry. This means that you can speak a full address in one pass. For example:

“1 2 3 4 Main Street, Washington, Baltimore”

The house number is best spoken in single digits, for example “1” “2” “3” “4” but you can also use “12” “34”. It is important to speak the address fluently and not to be silent for too long between parts of the address. Make sure not to use additional words like “Uh”, “in <city>” or “no, it is ....”.

When you make a mistake, please wait for the system to finish and answer “Start over” to the next prompt. You can click “More info” to see a list of possible commands but do not do this while driving.

For the rest of the screens shown during route calculation, you can also use your voice to control the screen. For example, when the device asks you about using toll-roads you can say “No” instead of touching the screen.

The device matched your voice input with a list of possible addresses. You can now say:

- 1..5 -> selects the item in list.
- Start over -> New input.
- Cancel -> Abort completely.

The device matched your input with a single address being the best match. You can now say:

- Yes -> Address is used.
- No -> You can change parts such as city name or street.
- Say “Change street name”, “Change city” to change parts of the given address.
- Start Over->New input.
- Cancel -> Abort completely.
If you select “No” for this screen you move to the next screen. Here you can use the commands to change the house number, street name, city or state.

If you select “Change streetname” or any of the other “Change” commands from either of the two screens above you see the screen on the right.

Speak the corrected street name or city. After doing so you will go back to either of the two screens above where you came from.

Example:
Setting a destination using POI or brand name

You can navigate to a Point of Interest (POI) or a limited set of brandnames using your voice.

You can say for example:
• Navigate to nearest Shell
• Navigate to gas station
• Take me to McDonalds
• Instructions for restaurant

This document includes a list of brand names and POI categories that are known to your device.

If you make a mistake, please wait for the system to finish and say “Start over” in response to the next prompt.

You can click “More info” to see a list of possible commands but you should not do this while driving.

For the rest of the screens shown during route calculation, you can also use your voice to control the screen. For example, when your device asks if you want to use toll-roads you can say “No” instead of touching the screen.

Your device matched your voice input to a list of possible addresses. You can now say:
• 1..5 -> Selects the item in list.
• Start over -> New input.
• Cancel -> Abort completely.
Supported POI categories

Airport
Amusement Park
ATM
Bank Machine
Beach
Beauty
Beauty Salon
Border Crossing
Bus Station
Campground
Camping Ground
Car dealership
Car repair
Car Repair Service
Car Wash
Cash Machine
Casino
Church
Clinic
College
Company
Concert hall
Convention Center
Cultural Center
Dentist
Doctor
Embassy
Exhibition Center
Ferry Terminal
Fire Station
Garage
Gas Station
Golf Course
Government office
Hospital
Hotel
Ice skating rink
Law courts
Legal
Legal Office
Legal Solicitors
Leisure center
Library
Marina
Motel
Mountain Pass
Mountain Peak
Movie Theater
Museum
Nightlife
Open parking
Opera
Panoramic View
Park and Recreation Area
Parking
Parking Facility
Parking Garage
Parking Lot
Pharmacy
Place of worship
Playing Field
Police Station
Post Office
Railway Station
Rental car parking
Rest Area
Restaurant
Scenic View
School
Shop
Shopping Center
Shopping Mall
Solicitors
Sports Center
Stadium
Swimming Pool
Tennis Court
Theater
Tourist attraction
Tourist Information Office
Truck stop and Service
University
Veterinarian
Water sports
Winery
Yacht Club
Zoo

Supported Brand names (US only)

24 Hour Fitness
76
76 Station
99 Cent Store
99 Cents Only
99 Cents Only Stores
A and W
Acura
Advance Auto Parts
Alamo
Albertsons
Anytime Fitness
Apple
Applebee's
Arby's
Arco
Arco Station
Au Bon Pain
Audi
Auntie Anne's
Auntie Anne's Pretzels
Autozone
Avis
B B and T
B of A
Baja Fresh
Bally Total Fitness
Bank of America
Bank of Montreal
Bank of Nova Scotia
Bank of the West
Barnes and Noble
Barnes and Noble Booksellers
Batteries Plus
Bealls
Bed Bath and Beyond
Ben Franklin
Bennigan's
Bennigan's Grill and Tavern
Best Buy
Best Value Inn
Best Western
Big O Tires
Blimpie
BJ's
Blockbuster
Blockbuster Video
BMW
Bob Evans
Bojangles'
Borders
Boston Market
Boston Sports Club
BP
BP Station
Bridgestone
Bridgestone Tires
Brogue
Brogue's Base Bakery
Budget
Budget Inn
Buffalo Wild Wings Grill and Bar
Buick
Burger King
Burlington Coat Factory
Business Depot
Cadillac
Canadian Tire
Capital One Bank
Captain D's Seafood
Caribou Coffee
Carl's Jr
Carquest
Carquest Auto Parts
Carrabba's Italian Grill
Charley's Grilled Subs
Chase Bank
Checker
Checkers
Chevrolet
Chevron
Chevron Station
Chick-fil-A
Chili's
Chili's Grill and Bar
Chipotle
Chrysler
Chuck E. Cheese
Chuck E. Cheese's
Church's Chicken
CiBc
Cici's Pizza
Cinnabon
Citgo
Citgo Station
Citi Trends
Citibank
Citizens Bank
Clark
Clark Station
Coffee Bean and Tea Leaf
Coffee Time
Comerica Bank
Comfort Inn
Comfort Suites
Compass Bank
Conoco
Conoco Station
Cooper
Cooper Tires
Costco
Country Inn
Country Kitchen
Country Style
Courtyard
Cracker Barrel
Cracker Barrel Old Country
Store
Culver's
Curves
CVS
CVS Pharmacy
Daylight Donuts
Days Inn
Del Taco
Denny's
Der Wieneschnitzel
Diamond Shamrock
Diamond Shamrock Station
Dillard's
Discount
Dodge
Dollar
Dollar General
Dollar Store
Dollar Tree
Domino's
Domino's Pizza
Doubletree
Duane Reade
Improving the recognition

Here are a list of tips that you can use to improve the recognition of your spoken commands.

- It is very important to speak in a normal voice.
- Do not speak louder or softer than when you speak with another person.
- Do not try to articulate more than normal.
- Speak directly after the beep.
- Try to use a different command to get the same result. For example, to drive to an address you can say:
  - Drive to an address
  - Take me to
  - Instructions for
  - Navigate to
- Do not use long pauses between words or your device may assume that you have finished talking.
- Do not use ‘Uh’, ‘mm’ or other words that can confuse your device. Your device will try to match them with commands.
- Do not try to correct mistakes, for example, by saying “five no six”. When you make a mistake, wait and then say “start over” at the next prompt.
- During address input, do not use “in <city name>“, just say the city name.
- Make sure that no music is playing in the background. Your radio mutes automatically.
- Other sources of speech such as passengers in the back of your car or the phone in hands-free mode may confuse the system.
- In very noisy conditions you may get better results speaking towards the microphone.
- If your command or address is not understood you may want to try to speak it a little differently. This may be sufficient for it to be recognised.
- If an address is recognised it is shown on the screen. To correct any errors, you can say “Change street” or “Change city name” directly from this screen.
- When it is not possible to enter a specific address, please check if the address exists by entering it manually. Voice Recognition can only find addresses that are known to the device.
Quick-Start Guide

Address Input

“Enter a destination”

“1 2 3 4 Mainstreet Belleview Florida”

“1” .. “5” “Start Over”

“Yes” “No” “Start Over” “Change Street” “Change City” “change housnr”

“Main Avenue”

Point of Interest Input

“Drive to nearest McDonalds”
“Drive to nearest restaurant”
“Drive to airport”
“Drive to shop”
“Drive to Mazda”
“Navigate to city hall”
“Drive to ATM”
“Drive to gas station”
“Drive to motel”
“Drive to comfort suites”

Other Useful Commands

“2D view”
“3D view”
“Drive home”
“Mark safety camera”
“Plan alternative”
“Read traffic info”
“Repeat instruction”
“Turn volume up”
“Avoid roadblock”
“Clear route”

See the tips on the previous page if you have problems with voice recognition.

See the section in this document for a list of supported brandnames (1 US only) and POI categories.

At any point you can say “Cancel” to stop voice recognition.

If you start a command using Voice Recognition most subsequent menus can be controlled using your voice as well. You can, for example, say ‘Yes’ or ‘No’ to answer questions.