**Acme Auto-Auto**

User Manual

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**Overview**

With the introduction of self-driving cars, the experience of being an operator or a passenger has completely changed. Now the focus of attention needs to be redirected to two major areas – internal systems and outside interests. Our new self-driving automobile, here at Acme Automotive Answers, needs to allow the operator and passenger to more easily modify internal comfort and entertainment systems, and to manipulate the outside observation systems for more intimate personal enjoyment.

**Choose a Profile**

As soon as you turn on the vehicle, you will be greeted with an option to choose your profile. Based on your decisions, default values will be loaded for many of the comfort settings and will give users their appropriate rights. Upon choosing your profile, you will be asked whether or not you will be the driver. This option is only available for profiles that have been authenticated to be a driver. Based on your decision, you will be either directed to the Passenger’s Menu (p.3) or the Driver’s Menu (p.7).

**Passenger’s Menu**

This is the landing screen for all passengers. From this menu, you can select different features available to this user to enjoy.

1. Comfort System

This screen will control your air temperature, A/C, fan speed, seat positions including front/back and recline, and seat temperature. The air temperature is controlled by an up and down arrow which increments the desired air temperature in either direction. The A/C can be turned on or off from this screen via the A/C switch. The fan speed is controlled by an up and down arrow which increments the desired fan speed in either direction. The seat position and recline are controlled by up and down arrows which will either change the seat position in the desired direction when selected. The seat temperature is determined by selecting one of the four given heat levels.

1. Games

This screen has a selection of games which can be played. You can either select a game from the previously installed options, or you can find more in the Game Store. Upon selecting a game, the game will launch. To return to this screen, press the Back button.

1. Audio

This screen will act as your media hub. You can either search for a specific song, artist, or genre or simply select from the library. Standard audio controls are provided for optimal user experience. Volume and time position can be controlled on this screen.

1. Video

This screen has a selection of videos which can be played. You can either select a video from your local library, or select a streaming service to view from. From your local library, you can search for a specific video or find more in the Video Store. Upon selecting a video, the video will launch. To return to this screen, press the Back button.

1. Global Information System (GIS)

The GIS provides the user with an interactive and informative augmented reality experience. The features of this service include restaurant identification, landmark information, and information about other nearby locations. These locations are visible on your window by selecting the desired option in the menu. You are able to tap a specific pinpoint on your window to learn more about it.

1. Internet Browser

This screen will allow you access to the internet via a standard browser of your choice. All standard browser features are available. For more information, see your preferred browser’s website.

1. Door and Window Controls

From this screen, you can control door locks, window position, and window tint. The window position is controlled by an up and down arrow which moves the window up and down. The door locks can be controlled by tapping the Lock switch. The window tint is controlled by selecting a tint level along the gradient scale.

**Driver’s Menu**

This is the landing screen for the driver. From this menu, you can select different features available to this driver to control the vehicle and enjoy its features.

1. Master Comfort Controls

This screen functions in much the same manner as the Passenger Comfort Control screen (p.3) except the settings of each or all user(s) can be modified here. To select a user, simply choose the desired passenger name. To select all users, choose the ‘All’ option from the list.

1. Master Entertainment Override

This screen serves to allow or disallow entertainment features to each or all user(s) in the vehicle. To disable or enable a given feature, simply tap the relevant switch. For example, to switch off a user’s GIS system, tap the GIS on/off switch for that user. Other overrides that can be controlled include audio, video, and games.

1. Master Doors and Windows

This screen functions in much the same manner as the Passenger Door and Window Controls screen (p.6) except the settings of each or all user(s) can be modified here. To select a user, simply choose the desired passenger name. To select all users, choose the ‘All’ option from the list.

1. Internet Setup

This screen allows you to set up your internet access. Options include selecting a Wi-Fi network from a list of available network names. Carrier details may be provided to allow access to cellular networks. There is also a feature to disconnect from all networks.

1. Navigation

This screen is where you input your desired destination to which your car will automatically drive. In the search box, you can either input an address or start inputting the name of your desired destination and it will find the address for you. You can also see information about your trip and progress including the current time and estimated time of arrival. There is an interactive map of the current route.

1. Manual Control

This function serves to activate and deactivate the manual controls of the car. When activated, a controlling device is deployed to allow the driver to take control of the vehicle from the navigation system. To deactivate, select the Manual Control function and your controlling device will retract and your navigation system will take control.

1. Intercom

This function serves to activate and deactivate the system-wide intercom which overrides all other audio sources for all users. The intercom will come over the general car speakers as well as any headphones.

1. Information

This screen allows you to view the information about the cars various systems. Prominently displayed is the current speed and RPM. You can engage and disengage the 4-wheel drive and hazard lights from this screen. The power level, engine temperature, and average speed are also displayed along with the cars odometer. Finally, additional details about the cars make model and warrantee are displayed at the bottom.