PN: UN1810

STINGER

HEIGH10·

10˝ FLOATING MULTIMEDIA DISPLAY SYSTEM

USER GUIDE

Works with
Apple CarPlay

android auto

SiriusXM READY

Bluetooth®

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

Note: 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 or more 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

HEIGH10·

Works with Apple CarPlay

androidauto™

((•SiriusXM•)) READY

Bluetooth®

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

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"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance. iPad, iPhone, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

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AGREEMENT: End user agrees to use this product in compliance with the instructions and terms of use and with all State and Federal laws. STINGER provides instructions and safety warnings with respect to this product and disclaims all liability for any use not in conjunction with those instructions or other misuse of its product. If you do not agree, please discontinue use and contact STINGER. This product is intended for off-road use and passenger use only.

WELCOME TO YOUR NEW

Stinger HEIGH10·

Enjoy the ride

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THE **BASICS**

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Jump to the Home Menu

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Launches voice control

Tune/Track Down Button
Media control Previous, Back, Seek
Press & hold function in select sources

Tune/Track Up Button
Media control Next, Forward, Seek
Press & hold function in select sources

Multifunction Knob
Press & Hold to Power On/Off
Turn to adjust Volume Up/Down
Press once to Mute

GETTING **STARTED**

Information Bar
Device Status
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Source Info
MENU / BACK
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Customizable Source Tabs
Reset

POWER **UP!**

With vehicle ignition in the ON or ACC position, Press and Hold the Mulifunction Knob.

The source will automatically default to the last source used prior to powering down.

You can adjust the audio volume at start-up in **MENU > AUDIO > VOLUME > Start Volume Mode**

The **Information Bar** is located at the top of the screen. Depending on the SOURCE, it will provide information or content sensitive controls. Also contains the MENU/BACK button, time display, paired phone signal and battery info, mute and dimming functions.

The **Source Tabs** are located across the bottom of the screen and give you direct access to common sources. Five of the Tabs are customizable in **MENU > SETTINGS > Tabs**

NOTE!

The BT MUSIC and PHONE Tabs will be highlighted Blue if a phone is paired and connected,

If the display becomes unresponsive, you can reset the unit by pressing the **Reset Button** with a paper clip or similiar. Vehicle ignition should be ON when resetting.

Home Menu

SELECTING A **SOURCE**

To select a SOURCE that is not located on the Source Tabs, touch MENU on the Information Bar, or press the HOME button to access the HOME MENU.

The HOME MENU displays all Sources, along with Settings, Audio, Display and Camera options.

SOURCES that are not currently available are grayed out.
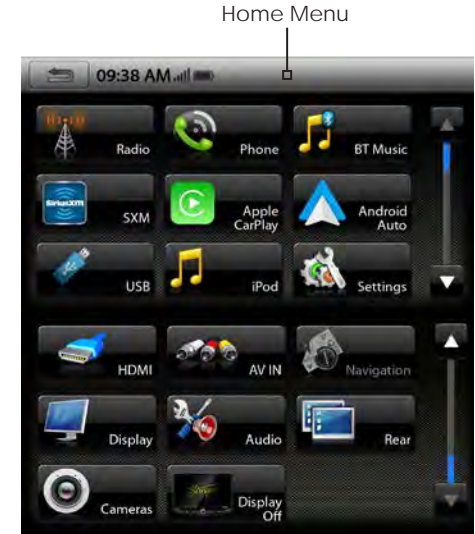
QUICK **TIP**

There are multiple ways to scroll...
Up/Down Arrows, MultiFunction Knob and **Swiping Up/Down**

SETTING THE **TIME**

1) Touch and release the Time Display on the Information Bar to access the clock settings.

2) Set the time and format.

3) Touch the BACK/RETURN Arrow to save and exit.

AM/FM **RADIO**

BT **PHONE**

1 Touch the **AM/FM Tab** or **MENU > Radio** to select the Radio source. Pressing the AM/FM Tab repeatedly will cycle through FM1-FM2-FM3-AM1-AM2

2 **Preset Stations** - A total of 18 FM and 12 AM stations can be stored in memory. To assign a preset, go to desired station, press and hold a preset location until preset button highlights and station frequency appears.

3 **Tune/Seek Down** - Press and release to Tune Down. Press and hold to Seek the next available radio station.

4 **Preset Bank Number** - Displays current set of presets (FM1-FM2-FM3-AM1-AM2).

5 **Station Display** - Displays current frequency.

6 **ST Indicator** - Indicates when current radio station is in Stereo.

7 **DX/LOC** - changes the radio tuner sensitivity. Touch to toggle between Distant (DX) and Local (LOC).

8 **Auto Preset** - Touch to automatically set the 6 presets with current location radio stations.

9 **Tune/Seek Up** - Press and release to Tune Up. Press and hold to Seek the next available radio station.

1 Touch the **Phone Tab** or press the **HOME BUTTON > Phone** to select the Phone source. Pressing the Phone Tab repeatedly will cycle through the Phone options.

2 **Number Pad** - Touch to launch the number pad for dialing phone numbers.

3 **Switch** - Switches phone calls between the car speakers and the phone handset.

4 **Clear** - Clear/delete last number entered.

5 **Call Button** - Dials the number entered on the phone or on the number pad. Answers incoming call.

6 **End** - Press to end call.

7 **Phone Name** - Displays the name of the currently paired phone.

8 **Favorite** - Customizable list of favorite contacts.

9 **Contacts** - List of contacts from paired phone. Not supported by all phones.

10 **Settings** - List of devices and settings. Add or Delete devices.

11 **Call Log** - Recent Dialed, Received and Missed calls.

Pairing a Device

1) Select **Settings** from the Phone main menu to go to Device/Setup.

2) Select **Add** on the Device page.

Place your device in Discoverable Mode.

3) Select your device from the list.

Select **Connect** to initiate pairing

4) Select **Pair** when prompted

NOTE!

If your device does not appear in the device list, confirm it is discoverable and select Retry

Setup Tab

Once your device is paired and connected, you can select the Setup Tab in the Settings.

Auto Connect (On/Off): Set to ON if you want your phone to automatically connect when the system is turned on.

Pin Code: Change the pin code for Bluetooth connection. The default pin code is "1234"

Microphone Gain (0-6): Adjusts the volume of your voice when using using hands free phone.

Setup Tab

Contacts

While your phone is paired, you may access your contacts by selecting Contacts. It may take several minutes to load all your contacts.

When you select a contact from the list, all associated numbers will be displayed on the left side of the screen. Touch the number you want to dial.

To **Search** your contact list, select the magnifying glass icon on the Information Bar.

To Add a contact number to your **Favorite** list, just touch the star next to the contact phone number and it will be added to your Favorite list.
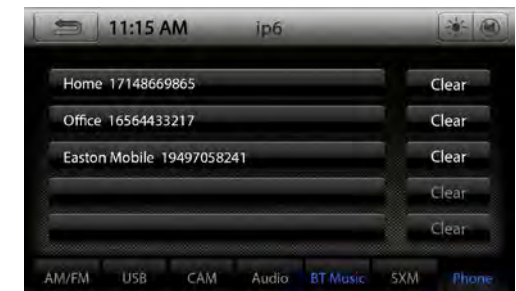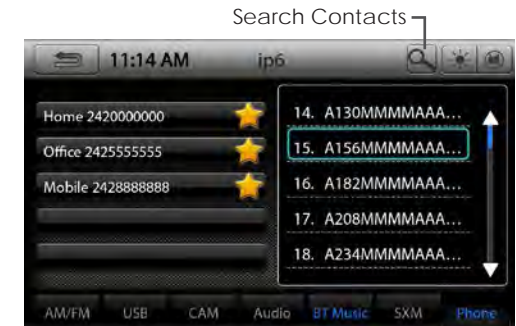
Call Log

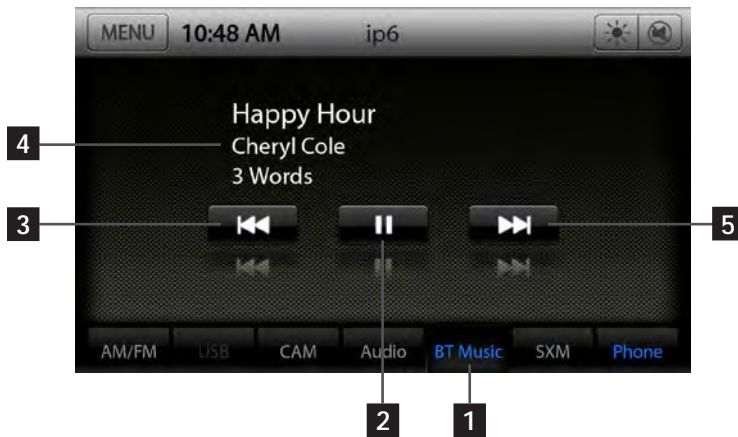The Call Log lists recently Dialed, Received and Missed calls. Touch the contact or phone number to call back.

NOTE!

The BT MUSIC and PHONE Tabs will be highlighted Blue if a phone is paired and connected,

Search Contacts

BT **MUSIC**

[4] — Happy Hour / Cheryl Cole / 3 Words

[3] — **[2]** / **[5]** / **[1]**

MENU 10:48 AM ip6

AM/FM USB CAM Audio BT Music SXM Phone

[1] Touch the **BT Music Tab** or press the **HOME BUTTON > BT Music** to select Bluetooth audio streaming.

[2] **Play/Pause** - Touch to play or pause the audio.

[3] **Previous Track/Program** - Touch once to restart current track, touch again for Previous track.

[4] **Song/Program Information** - Displays information for the current track.

[5] **Next Track/Program** - Touch to advance to the Next track/ Program.

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required. For more information, visit www.siriusxm.com

Activating your SiriusXM Subscription
After installing your SiriusXM Connect Vehicle Tuner and antenna, power on your radio and select SiriusXM mode. You should be able to hear the SiriusXM preview channel on Channel 1. If you cannot hear the preview channel, please check the installation instructions to make sure your SiriusXM Connect tuner is properly installed.

After you can hear the preview channel, tune to Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner and its packaging. You will need this number to activate your subscription. Write the number down for reference.

Note: the SiriusXM Radio ID does not include the letters I, O, S or F.

In the USA, you can activate online or by calling SiriusXM Listener care:
- Visit www.siriusxm.com/activatenow
- Call SiriusXM Listener Care at 1-866-635-2349

For Canadian Subscriptions, please contact:
- Visit www.siriusxm.ca/activatexm
- Call XM customer Care at 1-877-438-9677

As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: Subscription Updated. Once subscribed, you can tune to channels in your subscription plan. Note, the activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be powered on and receiving the SiriusXM signal to receive the activation message.

SiriusXM Satelite Radio

SiriusXM Satelite Radio

1 Touch the **SXM Tab** or press the **HOME BUTTON > SiriusXM** to select the optional SiriusXM Satellite Radio source. Pressing the SXM Tab repeatedly will cycle through the SiriusXM preset banks (SXM1-SXM2-SXM3).

2 **SXM Info** - Displays preset bank number, channel number and category.

3 **Channel Down**- Touch to go to previous channel.

4 **Channel Up**- Touch to advance to next channel.

5 **CH** - Touch to display a list of available Channels with channel information.

6 **CAT** - Touch to display a list of channel Categories.

7 **Preset/Channel View** - Toggles the display between Presets and Channel/Song View.

8 **Rewind/Track Down** - Move backwards through stored audio

9 **Pause/Play** - Pause live broadcast / Play stored audio

10 **Fast Forward/Track Up**- Move forward through stored audio

11 **LIVE-** Select to return to live broadcast when listening to stored audio.

**12** **Channel/Song Info-** Displays song info and channel name.

Channels [CH]
Displays a list of availble SiriusXM channels. Touching Info will provide additional information on what is currently playing on each channel (Artist, Song, Content Info).
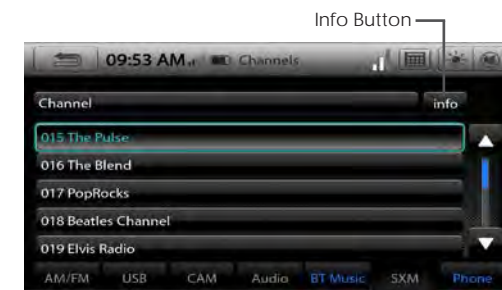
Categories [CAT]
Displays a list of channel categories. When a category is selected, a list of matching channels will display. Selecting All Channels will display all channels in numerical order.
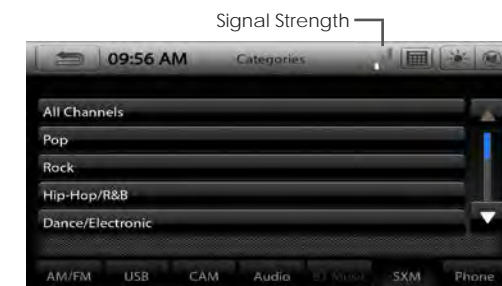
Preset Channels
A total of 18 SiriusXM channels can be stored in memory. To cycle through the preset banks, press the SXM Tab repeatedly.

To assign a preset, go to desired channel, touch and hold a preset location until preset button highlights and channel name appears.

To reset the presets back to original settings: Go to *MENU > Settings > Load Defaults* * The reset process takes 3-4 minutes and will reset ALL saved settings to Factory Default

SiriusXM Satelite Radio

Direct Tuning
If you know the channel number you want, you can touch the Numeric Keypad Icon on the Information Bar and enter the channel number directly. (See Page 17 for Parental Control function).

Numeric Keypad Icon

SiriusXM Replay™
Replay allows you to pause, rewind and replay up to 1 hour of live SiriusXM Satellite Radio.

Pressing Pause or Rewind while listening to a live broadcast will enable Replay mode.

Replay Controls

Replay Controls

Touch for Previous Song
Touch & Hold for Rewind

Play

Pause

Touch for Next Song
Touch & Hold for Fast Forward

When you reach the end of the stored audio buffer, you will return to the live broadcast. Or, touch the LIVE button in the Replay view to return to the live broadcast of the current channel.

LIVE Button

Replay Time Bar
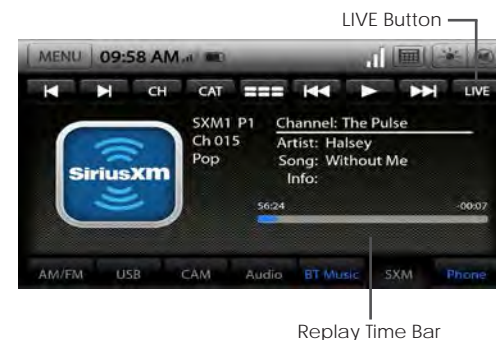
SiriusXM Satelite Radio

Parental Control
The SiriusXM Parental Control feature allows you to prevent access to inappropriate mature content for a younger listener. When enabled, the Parental Control feature requires you to enter a passscode to access the channels that are rated as Mature Channels.
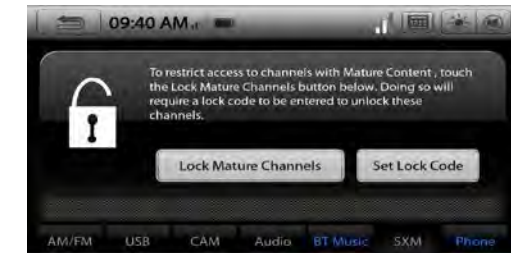
By default, all channels are Unlocked and the Lock Code is **1234**

Numeric Keypad Icon

Parental Control

Lock Mature Channels:
1. Touch the Numeric Keypad Icon on the Information Bar.
2. Touch the Parental Control button.
3. Select Lock Mature Channels
4. Enter 4 digit lock code.

Unlock Mature Channels:
1. Touch the Numeric Keypad Icon on the Information Bar.
2. Touch the Parental Control button.
3. Select Unlock Mature Channels
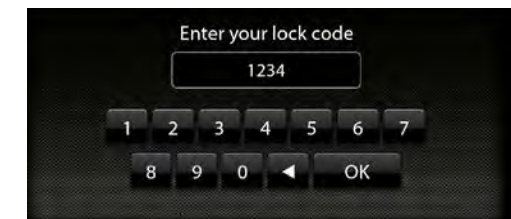4. Enter 4 digit lock code.
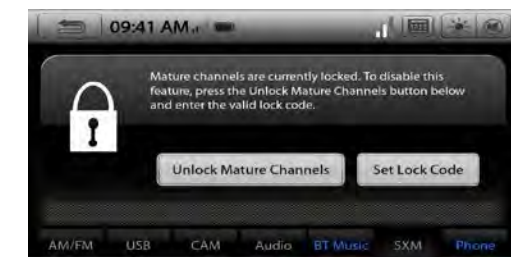
Set/Change Lock Code:
Select Set Lock Code, enter old code and then enter new code.
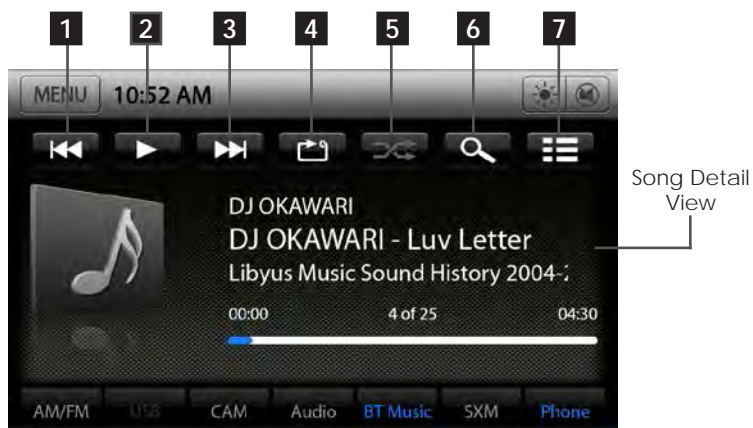
Reset Lock Code:
To reset the Lock Code to default code (1234)
Go to *MENU > Settings > Load Defaults*
* The reset process takes 3-4 minutes and will reset ALL saved settings to factory default.

iPod ®

Song Detail
View

Touch **MENU>iPod** or press the **HOME BUTTON > iPod** to select iPod as your source.

1 **Previous Track** - Touch once to restart current track, touch again for Previous track.

2 **Play/Pause** - Touch to play or pause the audio.

3 **Next Track** - Touch to advance to the Next track.

4 **Repeat** - Replays the current track.

5 **Shuffle** - Plays tracks in random order.

6 **Search** - Search for artist, album or song.

7 **Root Menu/Song Details** - Toggles between Song Details and the iPod root menu.

iPod Root Menu

Browse and Select by Artists, Albums, Playlists, Songs...

USB **Media**

With a USB plugged in - touch the **USB Tab** or press the **HOME BUTTON > USB** to select USB.

From the USB Root Menu you can browse Audio, Video and Image files. See page 29 for a list of supported file types.

Touch to select a file to view/play.

Note: You can use the right knob to scroll and then press the knob to select.

Media **Controls**

⏮	Previous Track/File
▶	Play
⏸	Pause
⏭	Next Track/File
⟳	Repeat
⤬	Shuffle
🔍	Search
☰	Toggle Menu
⤢	Full Screen
⚙	Settings

WARNING!

Driver is prohibited by law from viewing video on any in-dash monitor while the vehicle is in motion.

USB Root Menu

Video / Image Files

Music Files

Apple CarPlay®

Set up Apple CarPlay
You can use Apple CarPlay to get directions, make calls, send and receive messages, and more.

You need an iPhone 5 or later to use Apple CarPlay. Also, make sure that you're in an area that supports Apple CarPlay and that Siri is on. To turn on Siri on your phone, go to Settings > Siri & Search.

With the your vehicle running, plug your iPhone into the Apple CarPlay USB port. Apple CarPlay will launch automatically.

If your iPhone is already plugged into the USB, touch **MENU > Apple CarPlay** or press the **HOME BUTTON > Apple CarPlay** to launch Apple CarPlay.

NOTE: If Apple CarPlay will not launch, see Page 25 for Apple Carplay Settings.

The display will show available apps. Only apps that are supported by Apple CarPlay will appear.

To add, remove, or customize the order that the apps are in on your iOS device:

1. Go to Settings > General, and tap Apple CarPlay.

2. Select UN1880

3. Use the add or delete icons to add or remove apps. Tap and drag an
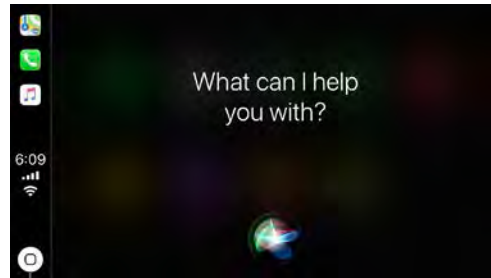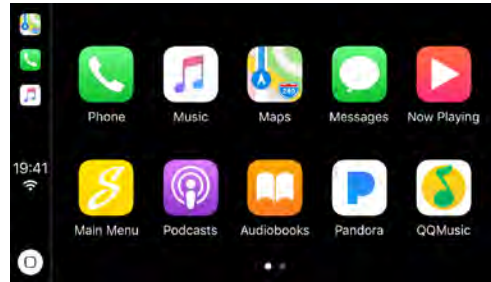
Home Button / Siri

 Ask Siri for what you need. Press the Voice Control button or touch the Home button in Apple CarPlay until Siri appears on the display, then say what you need.
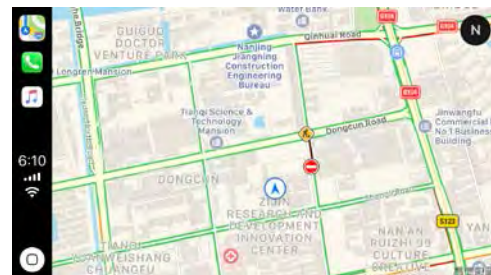
For details about Apple CarPlay, visit the following site:
http://www.apple.com/ios/carplay

Android Auto™

Set up Andriod Auto
Make sure your phone is running Android 5.0 (Lollipop) or later. Download the Android Auto app from Google Play on your device. Once the app is installed, open the app and follow the setup steps.

Connect your phone
Before you connect your phone for the first time, turn on your car. Make sure it's in park (P) and that you have time to set up Android Auto.
1. Unlock your phone's screen.
2. Connect your phone using a USB cable.
3. Your phone might ask you to download or update certain apps, like Google Maps.
4. Review the Safety Information and Android Auto permissions to access your apps.
5. Turn on notifications for Android Auto. For the best experience, we recommend accepting all requests.
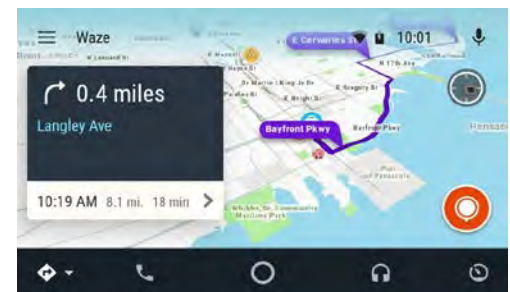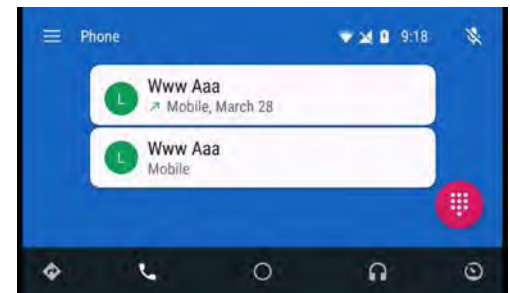
Your phone's Bluetooth will be turned on automatically when Android Auto is connected to the car via USB.

To exit Android Auto, touch the Exit icon.

Voice Command Microphone

1   2   3   4   5
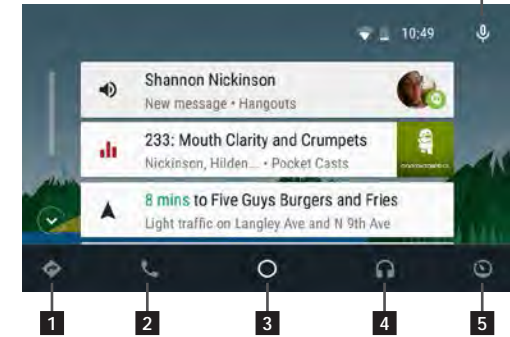
1 Maps & Navigation
2 Calls & Contacts
3 Home Screen
4 Music & Audio
5 Exit Android Auto

MAIN SETTINGS

Touch **MENU > Settings** or press the **HOME BUTTON > Settings** to access the Settings. Use Arrows to change values and the Back Button to save changes.
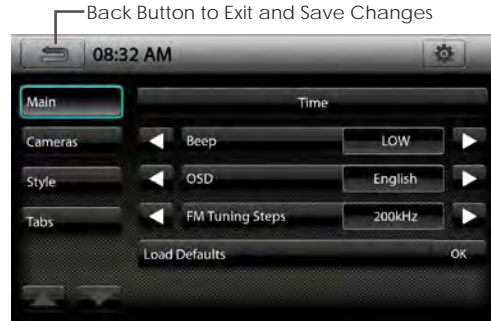
Settings > Main

Time (Touch to change time)
Beep [OFF-LOW-MID-HIGH]
OSD [English-French-Spanish]
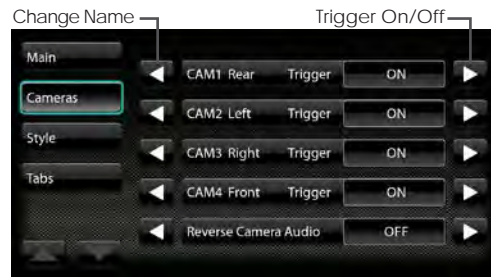FM TUNING STEPS
[200kHz (NA) - 100kHz (EU)]
Load Defaults [OK] - This will remove all previously saved settings.

Settings > Cameras

The default Camera Names are Rear, Left, Right and Front. You can change the names using the arrow icon on the left [OUTSIDE-AUX-INSIDE-BED-TRAILER]

Trigger [ON-OFF]

Reverse Camera Audio [OFF-MUTE-ON]

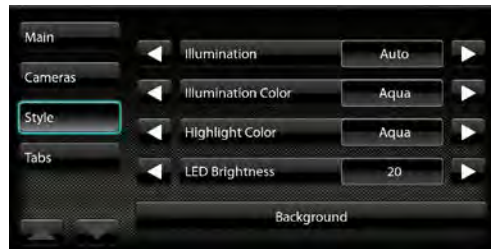**Settings > Style**

Illumination[AUTO-ON-OFF]

Illumination Color
[AQUA-BLUE-RED-GOLD-GREEN-WHITE]

Highlight Color
[AQUA-BLUE-RED-GOLD-GREEN-WHITE]

LED Brightness [0-20]

Settings > Background
Allows you to change the background image. You can upload up to 3 of your own images. To upload an image(s), copy images onto a USB thumb drive and connect drive to one of the USB ports. Touch the ⊕ symbol and select image. Background images should be 1024*600 resolution and .BMP format. Size is not limited.

Back Button to Exit and Save Changes

Change Name — Trigger On/Off
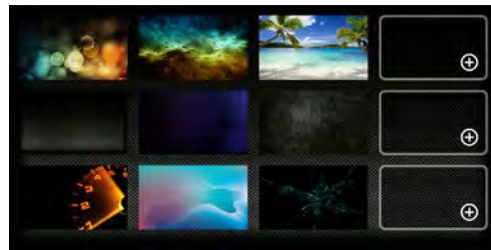
MAIN SETTINGS

Settings > Tabs
Tabs 2-3-4-5-6 are customizable. Use the arrows to scroll through available options. After setting Tabs, touch the BACK/RETURN arrow to save. Tabs 1 and 7 are fixed and can not be changed.

HDMI INPUT

Touch **MENU > HDMI** or press the **HOME BUTTON > HDMI** to switch to the HDMI input.

The HDMI input can be used for an external DVD player, streaming sticks, media players, smartphone mirroring.

You can only view HDMI content with the vehicle in Park and the parking brake ON.

When viewing HDMI content, the Information Bar will auto-hide. To access the Information Bar, touch anywhere on the screen.

WARNING!

Driver is prohibited by law from viewing video on any in-dash monitor while the vehicle is in motion.

AV **IN**

Touch **MENU > AV IN** or press the **HOME BUTTON > AV IN** to switch to the AV input.

You can only view the AV input with the vehicle in Park and the parking brake ON.

When viewing the AV IN, the Information Bar will auto-hide. To access the Information Bar, touch anywhere on the screen.
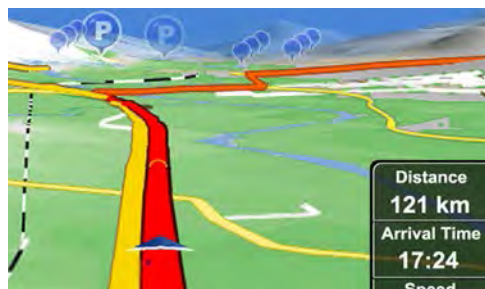
WARNING!

Driver is prohibited by law from viewing video on any in-dash monitor while the vehicle is in motion.

NAVI**GATION**

To access the optional Navigation, touch **MENU > NAVIGATION** or press the **NAVIGATION BUTTON** on the right side of the display.

The User Manual for iGo Navigation can be found on StingerElectronics.com

DISPLAY **SETTINGS**

Touch **MENU > Display** or press the **HOME BUTTON > Display** to access the display settings.

Display

Set Day [1-20]
This is the brightness of the display in daylight.

Set Night [1-20]
This is the brightness of the display at night.

Auto [ON-OFF-MANUAL]
If set to Auto, the display will automatically change to the Night setting when the vehicle's lights are ON.

Display > Rear Zone

Rear Zone [OFF-USB-AV]
This selects the Source to send to the AV OUT. For example, a rear seat entertainment system.

Display > Apple CarPlay

Steering Wheel [LEFT-RIGHT]
This adjusts the Apple CarPlay side menu.

iPhone [Apple CarPlay-iPod Only-OFF]
Determines how iPhone will be used when plugged into USB port.

Mic Gain [LOW-MID-HIGH]
Adjusts the microphone sensitivity for Apple CarPlay.

Display > Andriod Auto

Android Auto [ON-OFF]

Auto Launch [ON-OFF]

AUDIO **SETTINGS**

Touch **MENU > Audio** or press the **HOME BUTTON > Audio** to access the AUDIO settings.

Audio > EQ

EQ
Touch to access 15 Band Equalizer and EQ presets.

Loudness [ON-OFF]

Front Speaker HPF
[BYPASS-25HZ-40HZ-63HZ-100HZ-160HZ-250HZ]
User selectable High Pass Filter for Front Speakers.

Rear Speaker HPF
[BYPASS-25HZ-40HZ-63HZ-100HZ-160HZ-250HZ]
User selectable High Pass Filter for Rear Speakers.

Front Speaker Slope [6dB-12dB-18dB]
User selectable Slope for Front Speaker HPF

Rear Speaker Slope [6dB-12dB-18dB]
User selectable Slope for Rear Speaker HPF

15 Band Equalizer and EQ presets
The EQ has four global factory presets: Bass Boost - Rhythym - Vocal - Flat. There are 3 User defined presets. User 1 & 2 presets are "source dependent" so each source can be tuned differently. For example, if you are listening to BT Music and access the EQ and save a User preset, that particular User preset will only be available when listening to BT Music. The Master Preset is a global setting that will EQ all audio sources.

Saving an EQ User/Master Preset
When you make an adjustment to the equalizer you will be prompted to select a preset location. Select a User or Master position located on the top Information Bar. When you are done adjusting the EQ, touch the Back/Return Arrow to save your settings. Note: You can also modify and save the factory presets as User presets.

NOTE
Use Left/Right Arrows to change settings. Use BACK arrow to Save and Exit. Default button resets settings to default values.

Reset to Default

Equalizer and EQ presets

AUDIO **SETTINGS**
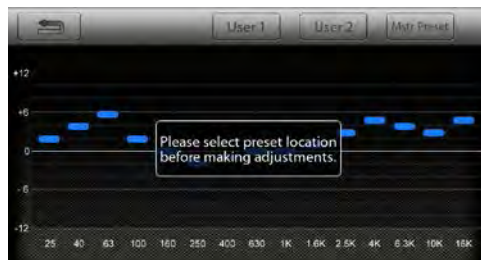
Audio > Speaker

Fader [-9 - 0 - 9]
Using the blue Up and Down arrows, you can fade.

Balance [-9 - 0 - 9]
Using the blue Left and Right arrows, you can adjust the speaker balance left and right.

Time Alignment [OFF-ON]
When set to ON, select the gear icon to adjust Time Alignment settings.

Audio > Speaker > Time Alignment

Time Alignment compensates for the uneven distances between the speakers and a listener's ears. Time Alignment delays signals from the closest speaker(s), so that all the sound arrives at the listening position at the same time, giving the listener a more accurate, life-like stereo image.

To set the Time Alignment, select a Listening Position, and then measure from each speaker to the Listening Position. Input speaker distance values in inches into the appropriate positions.

Each Listening Position can have a unique set of values.

Listening Positions
[Front-L - Front-R - Front - All]

AUDIO SETTINGS

Audio > Sub-Out

Sub-Out [ON-OFF]
Turns the subwoofer output ON/OFF.

Level [-14 - 7]
Adjusts the SUB OUT level.

Crossover
[BYPASS-25Hz-40Hz-63Hz-100Hz-160Hz-250Hz]
Adjusts crossover frequency of sub output. Fixed 12dB octave slope.

Audio > Volume

Start Volume Mode [LAST-SET]
Volume at start-up. LAST will be same level as when unit was shut off. SET will be a preset level adjusted below.

Set Start Volume [0-40]
Adjusts SET volume level to specific level.

The Volume Mode is adjustable for Bluetooth(BT), Navigation(Nav) and Siri using the same procedure.

Note: Use the arrow buttons at bottom of screen to move between pages.

Audio > Other

Toslink Variable Output [OFF-ON]

Set MIC Location [EXTERNAL-INTERNAL]
Switch between microphones .

Source Gain [USB AUDIO-USB VIDEO-IPOD-BT MUSIC-AUX-HDMI-SXM-AM/FM-CAMERA-ANDRIOD AUTO-APPLE CARPLAY]
Selects Source to adjust Gain(volume level).

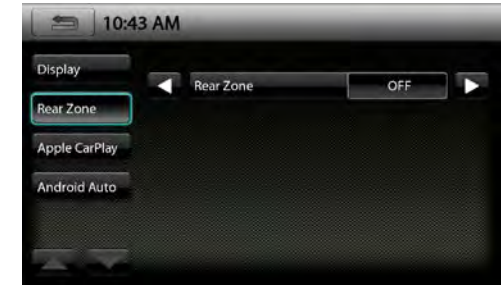Gain [-12 - 6]
Adjusts Gain of selected Source.

REAR ZONE

Touch **MENU > Rear** or press the **HOME BUTTON > Rear** to access the REAR ZONE menu.

Shortcut to **Display > Rear Zone**
Rear Zone [USB-AV IN]
This selects the Source to send to the AV OUT. For example, a rear seat entertainment system.

CAMERA MENU

Touch **MENU > Cameras** or press the **HOME BUTTON > Cameras** to access the Cameras menu.

If there are optional cameras installed, you may view them at anytime using the Cameras menu.

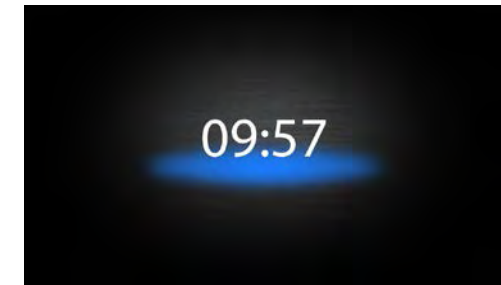To Exit a camera view, touch anywhere on the screen.
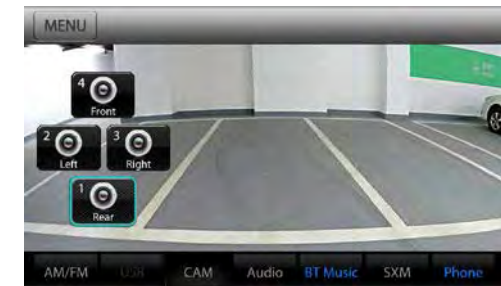
DISPLAY OFF

Touch **MENU > DISPLAY OFF** or press the **HOME BUTTON > DISPLAY OFF** to turn off LCD and display large clock.

Tap the screen anywhere to return to regular display.

TROUBLE **SHOOTING**

General

Black Screen with Audio
Touch the screen anywhere as it may have been turned off, see page 29.
Ensure the cables on the back of the screen are fully locked into place and also properly connected at the back of the radio module.

Bluetooth

Device will not Pair
Ensure Bluetooth is turned ON in your device settings. Delete all unused devices. Delete any "Stinger" device. Restart/ Reboot device and try pairing again. (Page: 10)

Music Volume is low
- Turn up volume on device
- Turn up volume on head unit.
- Turn up BT Volume Gain (Page: 28)

Phone Volume is low
- Turn up volume on device
- Turn up volume on head unit.
- Turn up BT Volume Gain (Page: 28)
- Turn up Mic Gain (Page: 10)

Video/Cameras

Rear Camera not displaying in reverse
- Make sure rear camera trigger is ON (Page: 22)
- If display is showing NO SIGNAL in reverse, ensure camera RCA is plugged into correct RCA input   (CAMERA IN).
- Confirm camera has power and ground.
- Confirm camera trigger is receiving positve12V.
Note: NTSC and PAL video formats only.

SiriusXM Satellite Radio

Check Antenna
The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.
- Verify that the antenna cable is connected to the SiriusXM Connect Vehicle Tuner.
- Inspect the antenna cable for damage and kinks.
Replace the antenna if the cable is damaged.
SiriusXM products are available at your local car audio retailer or online at www.shop. siriusxm.com.

Check Tuner
The radio is having difficulty communicating with the SiriusXM Connect Vehicle Tuner. The tuner may be disconnected or damaged.
- Verify that the SiriusXM Connect Vehicle Tuner cable is securely connected to the radio.

No Signal
The SiriusXM Connect Vehicle Tuner is having difficulty receiving the SiriusXM satellite signal.
- Verify that your vehicle is outdoors with a clear view   of the sky.
- Verify that the SiriusXM magnetic mount antenna   is mounted on a metal surface on the outside of the vehicle.
- Move the SiriusXM antenna away from any obstructions. Inspect the antenna cable for damage and kinks.
- Consult the SiriusXM Connect Vehicle tuner installation manual for more information on antenna installation.
Replace the antenna if the cable is damaged.
SiriusXM products are available at your local car audio retailer or online at www.shop. siriusxm.com.

Channel Locked
The channel that you have requested is Locked by the radio Parental Control feature. See the Parental Control section on Page 17 for more information on the Parental Control feature and how to access locked channels.

SiriusXM Satellite Radio (cont)

Subscription Updated
The radio has detected a change in your SiriusXM subscription status.
- Press anywhere on the screen to clear the message.
In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription. In Canada, visit www. siriusxm.ca or call 1-877-438-9677 if you have questions about your subscription.

Channel Unavailable
The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Vehicle tuner.
Visit www.siriusxm.com for more information about the SiriusXM channel lineup.
title, exists.

Memory End
This message will display when the beginning of stored audio has been reached. You cannot rewind any further.

Memory Full
The stored audio memory has become full while audio was paused. Resume playback.

Channel Unsubscribed
The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package.
In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription package or would like to subscribe to this channel. In Canada, visit www.siriusxm.ca or call 1-877-438-9677.

Apple CarPlay

Apple CarPlay will not start/launch
- Ensure you are using a Apple certified cable
- Make sure you are plugged into USB #1(top)
- Make sure Apple CarPlay is turned ON (Page 25)

Android Auto

Android Auto
- Ensure you are using a USB certified cable
- Make sure Android Auto app is downloaded and installed on your device.
- Make sure you are plugged into USB #1(top)
- Make sure Android Auto is turned ON (Page 26)

SPECIFICATIONS

GENERAL

Operating Voltage: 9.0VDC to 18VDC
Grounding system; Negative Ground
Max current consumption: 10A fused

DIMENSIONS

Radio Module:
178 mm x100 mm x 116 mm (W x H x D)
Display:
247.2 mm x 180.6 mm x 48.5 mm (W x H x D)

DISPLAY

10-inch Diagonal
16:9 aspect ratio
1024 x 600
Pixels: 1,843,200
Active area 222.72 (W) x 125.28 (H) mm
Operating Temperature (C) -20° to 70°

AUDIO

Max power output: 50W x 4ch/4Ω
Load impedance: 4Ω nominal 2Ω allowable
Continuous power output:
25W x 4ch/4Ω 20Hz to 20KHz,
1%THD at 14.4V
Audio output level (max): 4.0V preout
EQ: (15-band)
25Hz/40Hz/63Hz/100Hz/160Hz/250Hz/400Hz/
630Hz/1KHz/1.6KHz/2.5KHz/4KHz/6.3KHz/
10KHz/16KHz
Gain: ±12dB (2dB/step)
HPF: 25Hz/40Hz/63Hz/100Hz/160Hz/250Hz
Slope: 6dB, 12dB, 18dB

AUDIO (CONT)

Subwoofer Preout
LPF: 25Hz-40Hz-63Hz-100Hz-160Hz-250Hz
Gain: -14dB to 7dB (1dB/step)
Phase: 0 or 180
Speaker level: ±9dB (1dB/step)
Time Alignment: 0 to 100 step (1inch/step)

USB

USB 2.0
Max current supply 1.5A
USB Class:
MSC (Mass Storage Class),
MTP (Media Transfer Protocol)
File system: FAT32, NTFS

BLUETOOTH

V4.2
4dBm Class2
2.4GHz to 2.48GHz

FM TUNER

87.9MHz to 107.9MHz
Usable sensitive
30dB (mono S/N: 30dB)
SNR: 65dB

AM TUNER

530KHz to 1710KHz
Usable sensitive
30dB□mono S/N:20dB□
SNR 58dB

CAMERA(S) VIDEO INPUTS

NTSC OR PAL video formats

HDMI INPUT

480P / VGA

TOSLINK

Output: Variable

BACKGROUND IMAGE (USER)

File Format: BMP
Resolution: 1024 x 600
File size is not limited

SPECIFICATIONS

AUDIO/VIDEO **FORMATS**

AUDIO

MPEG-1 Audio Layer-3 (.mp3)
FLAC (.flac)
MPEG-2 Advanced Audio (.aac)
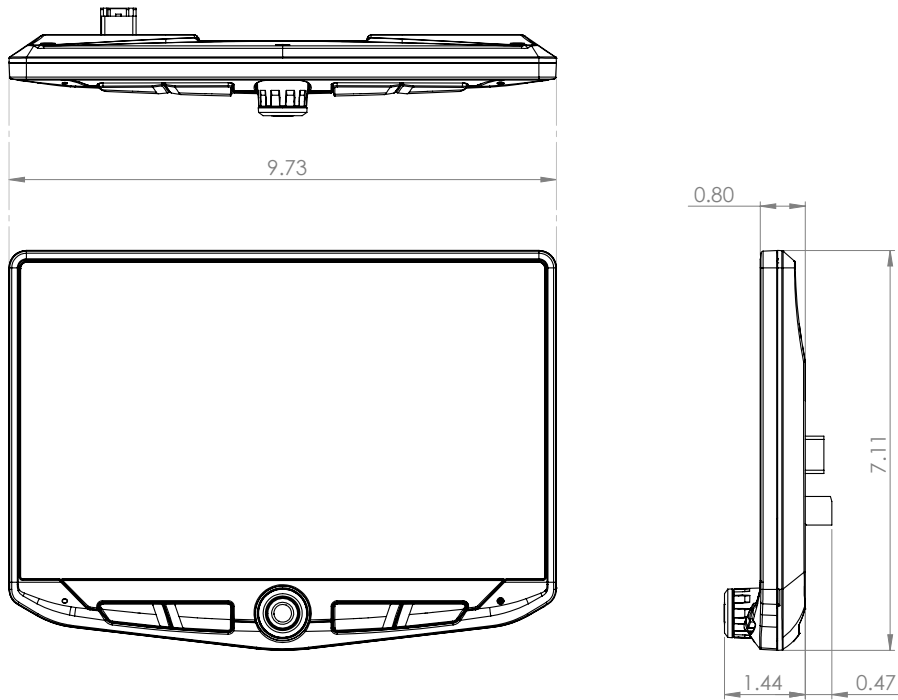MPEG-4 Audio (.m4a)
Windows Audio (.wav)
OGG Audio (.ogg)

VIDEO

QuickTime (.mov)
MPEG-4 Video (.mp4)
Microsoft AVI (.avi)
MPG Video (.mpg)
MPEG Video 1/2 (.mpeg)
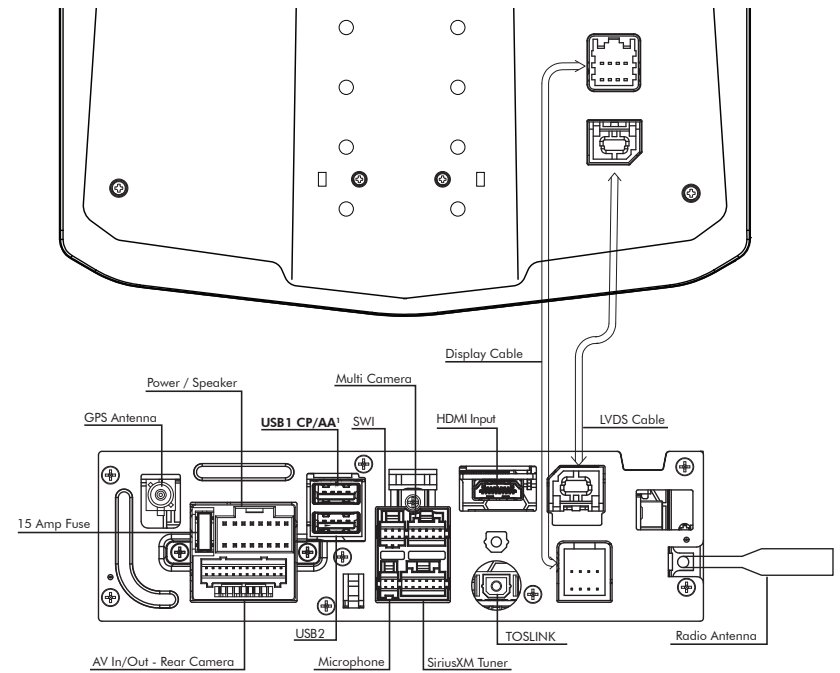VOB DVD (.vob)
Flash Video (.flv)
MKV Media (.mkv)

IMAGE

JPEG (.jpg)
CompuServe GIF (.gif)
PNG (.png)
JPEG (.jpeg)
Bitmap (.bmp)

HEIGH10·

DIMENSIONS

9.73

0.80

7.11

1.44   0.47

DIMENSIONS ARE IN INCHES

CONNECTIONS

Display Cable

Power / Speaker

Multi Camera

GPS Antenna

USB1 CP/AA[1]   SWI

HDMI Input

LVDS Cable

15 Amp Fuse

AV In/Out - Rear Camera

USB2

Microphone   SiriusXM Tuner

TOSLINK

Radio Antenna

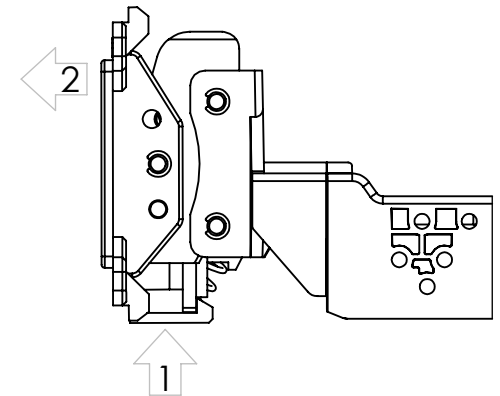[1]The top USB1 must be used for Apple CarPlay and Android Auto.

REMOVING THE **DISPLAY**

To remove the display from the plastic mounting bracket, push up from compression spring side(1) and swing out to unhook top(2).

2

1

HEIGH10.

FEATURES

- 10" 1024 x 600 HD Digital Touchscreen with 16.7M colors
- Apple CarPlay®
- Google Android Auto™
- SiriusXM-Ready™ with Replay (SiriusXM Connect Vehicle Tuner and Subscription required)
- AM/FM Radio - PTY / RT information
- High power 4 x 50W built-in amplifier
- 4V 6ch RCA audio outputs with subwoofer control
- Toslink Variable Audio Output
- 15 Band Adjustable EQ with 3 user presets
- 1 HDMI rear input
- 2 USB rear inputs 1.5amp output
- Handsfree Bluetooth® 4.2 A2DP with aptX™
- Optional built-in iGO navigation
- 4 Camera Video inputs with wired triggers
- Rear camera input with Mic Audio input
- Hardwired remote control ready
- Customizable display backgrounds
- 1DIN chassis mounting design