

— Installation assistance available at: —

RFTECH

www.rockfordfosgate.com/rftech



DIGITAL MEDIA RECEIVER

PUNCH®

PMX-HD14

600 South Rockford Drive • Tempe, Arizona 85281 United States
Direct: (480) 967-3565 • Toll Free: (800) 669-9899

rockfordfosgate.com



Installation & Operation

Introduction

Dear Customer,

Congratulations on your purchase of the world's finest brand of audio products. At Rockford Fosgate we are fanatics about musical reproduction at its best, and we are pleased you chose our product. Through years of engineering expertise, hand craftsmanship and critical testing procedures, we have created a wide range of products that reproduce music with all the clarity and richness you deserve.

For maximum performance we recommend you have your new Rockford Fosgate product installed by an Authorized Rockford Fosgate Dealer. Please read your warranty and retain your receipt and original carton for possible future use.

Great product and competent installations are only a piece of the puzzle when it comes to your system. Make sure that your installer is using 100% authentic installation accessories from Rockford Fosgate in your installation. Rockford Fosgate has everything from RCA cables and speaker wire to power wire and battery connectors. Insist on it! After all, your new system deserves nothing but the best.

To add the finishing touch to your new Rockford Fosgate image, order your Rockford accessories, which include everything from T-shirts to hats.

Visit our web site for the latest information on all Rockford products;
www.rockfordfosgate.com
or, in the U.S. call 1-800-669-9899 or FAX 1-800-398-3985. For all other countries, call +001-480-967-3565 or FAX +001-480-966-3983.

If, after reading your manual, you still have questions regarding this product, we recommend that you see your Rockford Fosgate dealer. If you need further assistance, you can call us directly at 1-800-669-9899. Be sure to have your serial number, model number and date of purchase available when you call.

PRACTICE SAFE SOUND

Continuous exposure to sound pressure levels over 100dB may cause permanent hearing loss. High powered auto sound systems may produce sound pressure levels well over 130dB. Use common sense and practice safe sound.

Safety

This symbol with "WARNING" is intended to alert the user to the presence of important instructions. Failure to heed the instructions could result in severe injury or death.



This symbol with "CAUTION" is intended to alert the user to the presence of important instructions. Failure to heed the instructions could result in injury or unit damage.



To prevent injury and damage to the unit, please read and follow the instructions in this manual.

If you feel unsure about installing this system yourself, have it installed by a qualified Rockford Fosgate dealer.

Before installation, disconnect the battery negative (-) terminal to prevent damage to the unit, fire and/or possible injury.

FCC Compliance Statement

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 more reasonable protection against harmful interference in a residential installation.

Operation is subjected to the following two conditions: (1) This device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation.

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, you are encouraged to try to correct the interference by one of the following measures:

Reorient or relocate the receiving antenna.

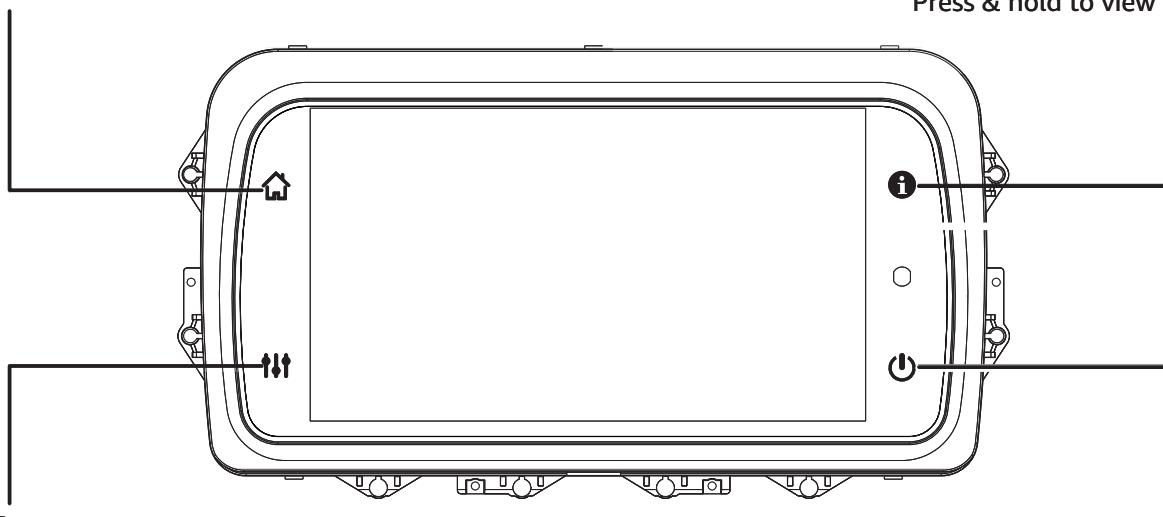
Increase the separation between the equipment and receiver.

Consult your Rockford Fosgate dealer.

Design Features/Wiring Diagram

HOME Button

Pressing will give you access to the Home menu.



AUDIO Button

Pressing will give you access to the System Settings menu to adjust the Audio function.

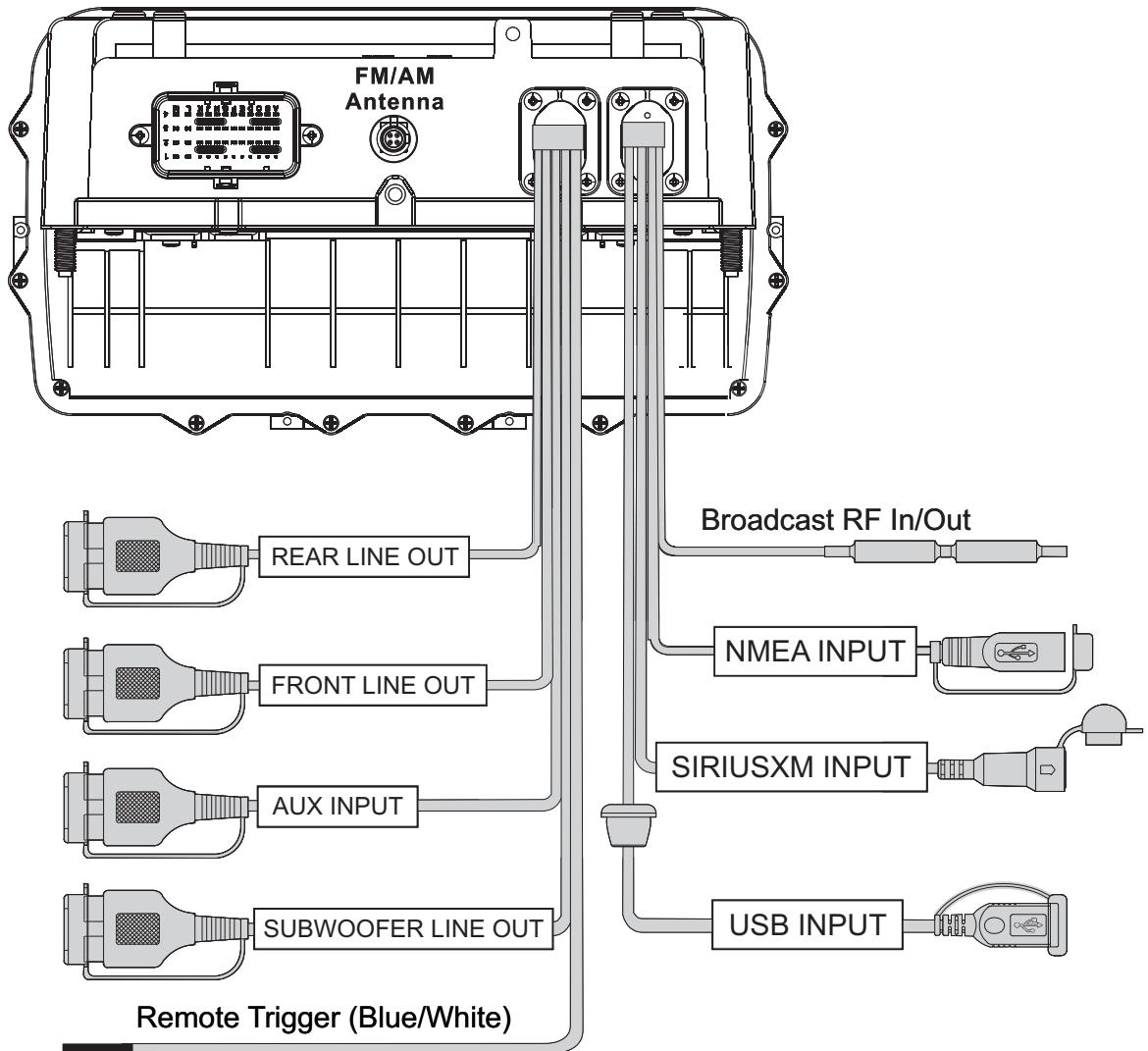
INFO Button

Pressing this button will increase volume.

Press & hold to view information.

POWER Button

Pressing this button will decrease volume.
Press & hold for 5 seconds to Power OFF the unit, press again to Power ON the unit.



Initial Settings

Perform this setup when you use this unit first time.

Set each item as follows

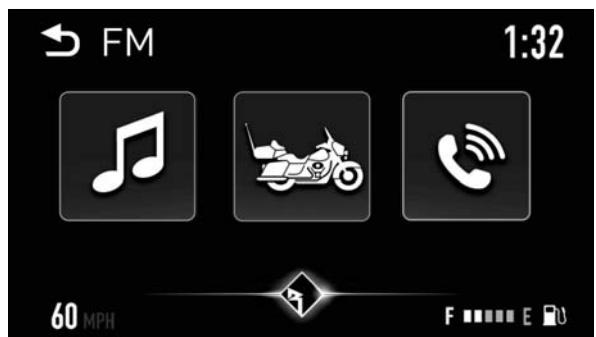
• LANGUAGE

Select the suitable language used for the control screen and setting items.

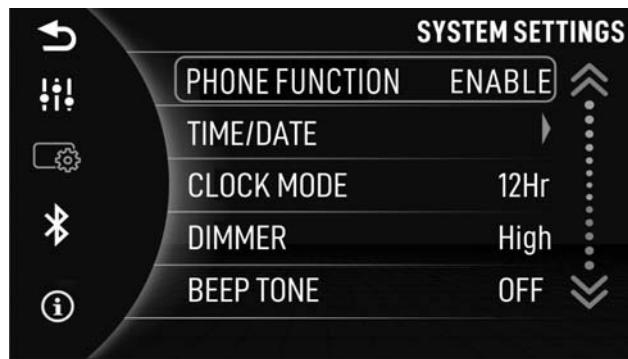
• AREA

Select the suitable Country Area list of areas.

- Tap **FINISH** to confirm .



Settings



Source Unit Settings

To access the source unit's settings, long press the  button goto the System Setting Menu, and press  through the list to select the setting you wish to change. (AUDIO > SYSTEM SETTINGS > BLUETOOTH SETTINGS > INFORMATION)

AUDIO

Tap  to access the AUDIO option from the SYSTEM SETTING menu.

Tap  through the list to select the setting you wish to change. (Equaliser>Time Alignment>Cross Over>Fader.Balance>Music Zone> Bass Boost>Source Gain)

EQUALISER

Tap  to access the Equaliser Settings. (Classical> Flast >Rock>Live>R&B>Hip Hop>Jazz>Pop>User 1>User 2).
Tap to setting you wish to adjust the frequency settings.

TIME ALIGNMENT

Tap  to access the Time Alignment Settings.

- Tap  to adjust the delay time of the selected speaker.
- Tap  to adjust the sound level of the selected speaker.

CROSSOVER

Tap  to access the Cross Over Settings.

- Tap  to set the virtual tweeter when you are selecting front speaker.
- Tap  to switch Front / Rear high pass filter function.
- Tap  to switch Subwoofer low pass filter transfer function.

FADER BALANCE

Tap  to access the Cross Over Settings.

- Balance: Adjust the left and right volume balance 15(Right) to 15(Left).
- Fader: Adjust the Front and Rear volume balance 15(Front) to 15(Rear).

MUSIC ZONE

Tap  to access the Music Zone Settings to select the preset listening zone to fit with prefect listening position.

SOURCE GAIN

Tap  to access the Source Gain Settings to finely adjust the volume of the current source to minimize the difference in volume between different sources.

SYSTEM SETTINGS

Tap  to access the SYSTEM SETTINGS menu.

Tap  through the list to select the setting you wish to change.

PHONE FUNCTION

When hardware no way to detect microphone existing or not, and allow user enable phone function after microphone plug in.
Tap to Enable or Disable the Phone Function.

TIME DATE

Tap to adjust the Time / Date .

CLOCK MODE

To set the 12H/24H display preference.

DIMMER

To select the Dimmer mode: High/Low.

BEEP TONE

To activates or deactivates the key-touch tone.

LANGUAGE

To select the language used for the control screen and setting items.

FACTORY MODE

Tap to restore factory default value.

BLUETOOTH SETTINGS

Tap  to access the BLUETOOTH SETTINGS menu.

Tap on a setting repeatedly to change setting.

INFORMATION

Tap  to access into Sofrware information mode to check the software version of this unit.

Apple CarPlay

About Apple Carplay

CarPlay is smarter, safer way to use your iPhone in the car. CarPlay takes the things you want to do with iPhone while driving and displays them on the screen of the product. You can get directions, make calls, send and receive messages, and listen to the music from iPhone while driving. You can also use Siri voice control to make it easier to operate iPhone.

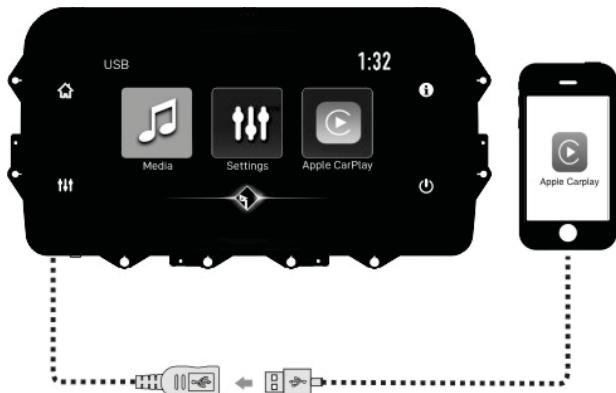
NOTE:

Some features, applications, and services are not available in all areas.

For details, visit <http://www.apple.com/ios/carplay/>

Connect an iPhone

Connect an device via USB terminal.



Connection Successful



Connection Failed

NOTE:

- It is recommended to use only original cables.
- If iPhone CarPlay connection to the Car Av System is not successful, please unplug and insert USB cable and try again
- When iPhone compatible with CarPlay is connected to the USB terminal, the Bluetooth smartphone currently connected is disconnected.

Operation button on CarPlay home



Application Buttons.

Exits the CarPlay screen and displays the HOME screen

Hold: To activates Siri

Press: Display the HOME screen of CarPlay

Radio Operations



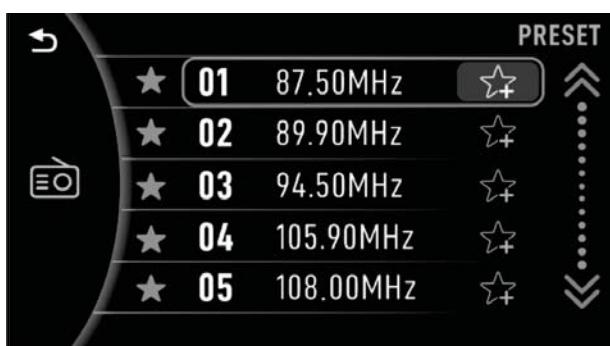
Tuner Operation (FM/AM/WB)

To operate, you can to select the tuner source you want to listen to (FM>AM>WB).

To AUTO SEEK stations, tap **◀◀/▶▶** on the screen. To MANUAL SEEK stations, tap and hold **◀◀ / ▶▶**.

RADIO PRESET STATION LIST

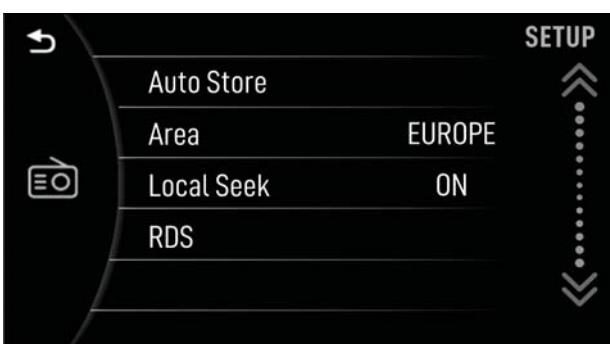
Tap **≡** to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.



- Tap to select you desired preset station to recalls the memorized station.
- Tap **☆** to stores the current receiving station in memory.

RADIO SETUP

Tap **⚙** to access the radio Setup mode. You can set radio related parametrs.



AUTO STORE

Automatically searches and stores the preset list with the strongest signals for the selected band.

AREA

This option allows you to select the difference radio tuner frequency spacing.

LOCAL SEEK

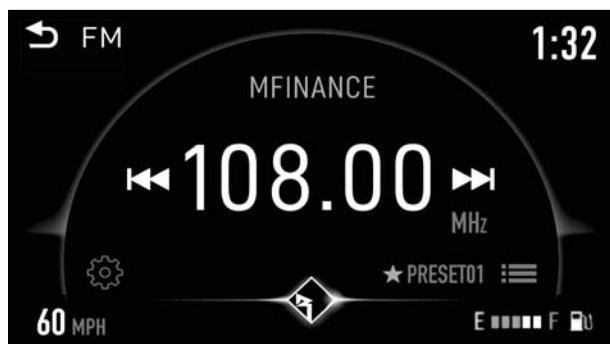
Tunes in only to the stations with sufficient signal strength.

RDS

Indicates the state of the Radio Data System station.

WB BAND SETTINGS

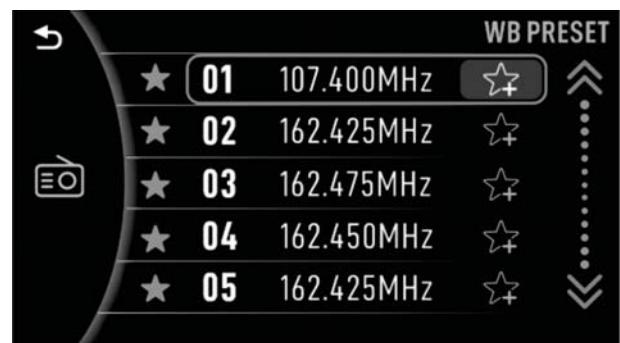
To access the WB BAND SETTINGS, this will give you access to the settings specific to the WB TUNER.



To AUTO SEEK stations, tap **◀◀/▶▶** on the screen. To MANUAL SEEK stations, tap and hold **◀◀ / ▶▶**.

WB BAND PRESET STATION LIST

Tap **≡** to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.



- Tap to select you desired preset station to recalls the memorized station.
- Tap **☆** to stores the current receiving station in memory.

Media Operations



USB Operation

After your device is connected to the source unit, this feature allows you to control playback from your device directly from the unit. Select the USB source option on the source unit.

To play or pause a song, tap ▶ .

To skip a track forward / backwards, tap ▶▶ / ▶◀ .

MUSIC FUNCTION SETUP

Tap to access the music function setup.



RANDOM

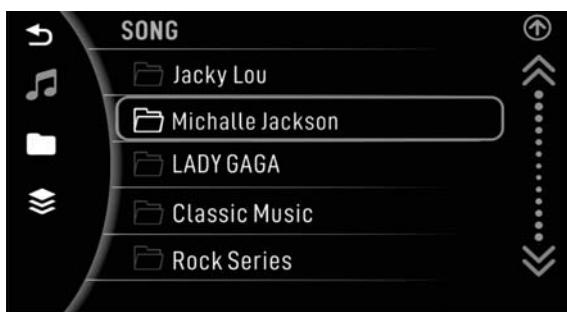
Tap to access the RANDOM feature options (ON/OFF). This feature allows you to set your preference on shuffling tracks songs.

REPEAT

Tap to access the REPEAT feature options (All/Folder/One).

MEDIA CONTENT LIST

Tap to access the Media Content List. Using this feature allows you to search for tracks or songs by different types of categories.



- You can search music or video files by the following operations.

: Search music or video files

: Search a file according to hierarchy

: Search a file by selected category

- Tap / to move to the hierarchy.

- Tap desired item from the content list, the playback starts.



Bluetooth® Operation

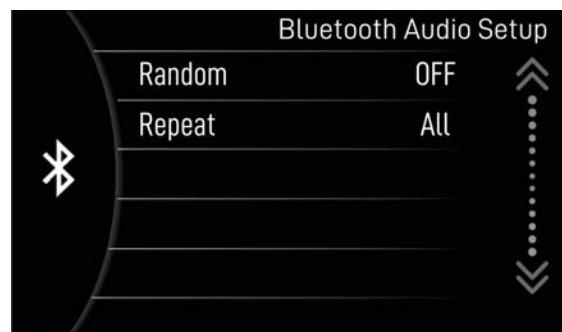
After your device is paired to the source unit, this feature allows you to control playback from your device directly from the unit. Select the BLUETOOTH source option on the source unit.

To play or pause a song, tap ▶ .

To skip a track forward / backwards, tap ▶▶ / ▶◀ .

MUSIC FUNCTION SETUP

Tap to access the music function setup.



RANDOM

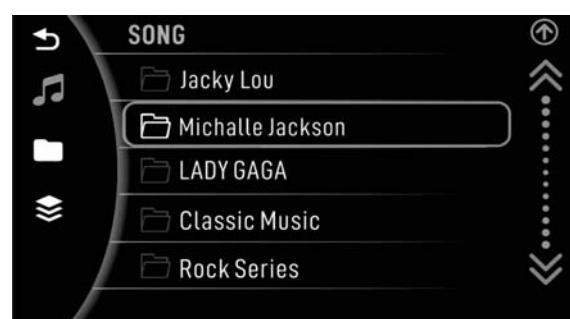
Tap to access the RANDOM feature options (ON/OFF). This feature allows you to set your preference on shuffling tracks songs.

REPEAT

Tap to access the REPEAT feature options (All/One).

MEDIA CONTENT LIST

Tap to access the Media Content List. Using this feature allows you to search for tracks or songs by different types of categories.



- You can search music or video files by the following operations.

: Search music or video files

: Search a file according to hierarchy

: Search a file by selected category

- Tap / to move to the hierarchy.

- Tap desired item from the content list, the playback starts.

Media Operations

Pairing the Bluetooth

You can use your bluetooth smartphone when paired to this unit.

- Turn on the Bluetooth function on your phone.
- Search the unit (PMX-HD14) from your phone.

Making a Call

Tap  to enter the Enter Call Number mode.



- Enter a phone number with number keys.

- Tap  to make a call.

 :To delete the last entry

 :Dial Keypad

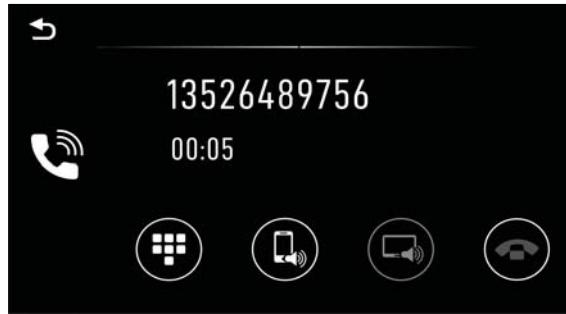
 :Phonebook (if you are linking your phone for the first time will download the phonebook.)

 : Call Records

 : Voice Recognition

Receiving a Call

Touch  to answer a phone call or  to reject an incoming call.

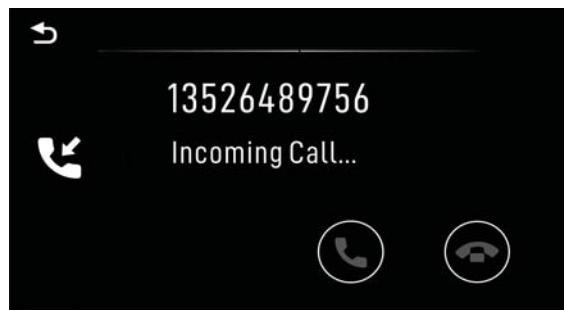


 :Entering a phone number

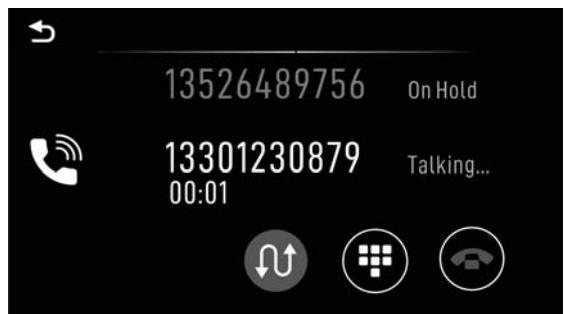
 :Tap to switches the speaking voice output between  , the radio will download the phonebook.)

Call Waiting

- When you receive a call while talking on another call, you can answer the newly received call by taping  , the current call is on hold.



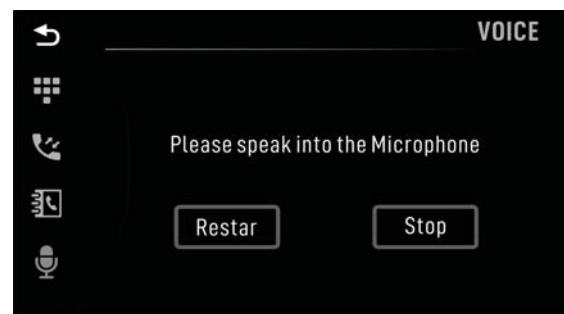
- Each time you tap  , the caller will change.



- When you tap  , the current call will end and switch to the call on hold.

Voice Assistant

Tap  access the voice recognition function of the phone connected to this Car AV System.



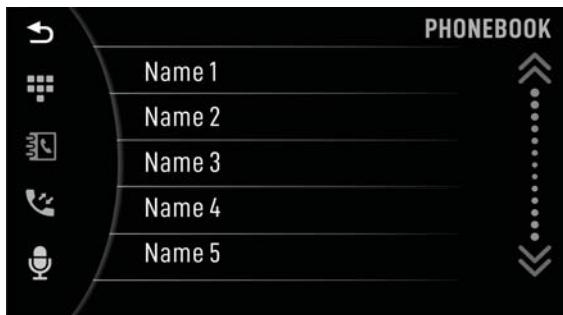
NOTE:

- This function must be operated in a state before connection Bluetooth.
- The voicefunction is dependent on mobile phones, some Android phone do not have this function.

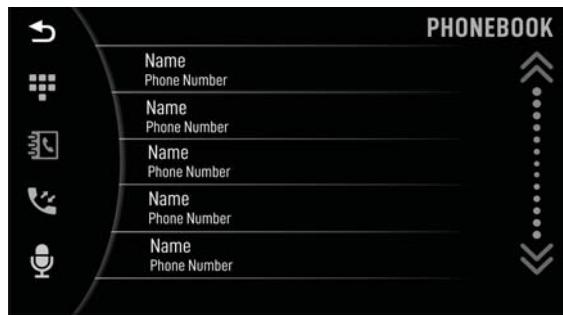
Media Operations

Phonebook

- Tap  will start downloading the Phonebook.
- Select the person you want to call from the list.

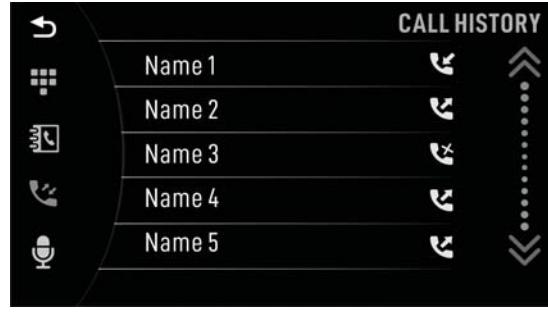


- Select the phone number from the list.



Call Records

- Tap  to select the phone number from the Call records list.



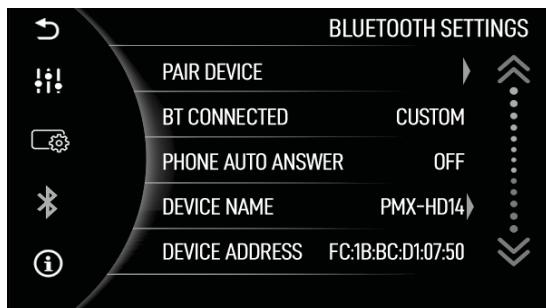
 : Received Calls

 : Missed Calls

 : Outgoing Calls

Bluetooth Settings Menu

- Tap  to access system settings menu.
- Tap  to display the Bluetooth settings mode, and tap on a setting repeatedly to change setting.



PAIR DEVICE

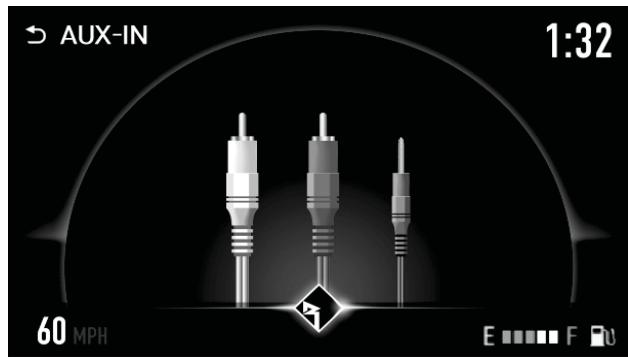
Tap the device name you want to connect.

 : To connect the device

 : To disconnect the device

 : To delete the registered Bluetooth device

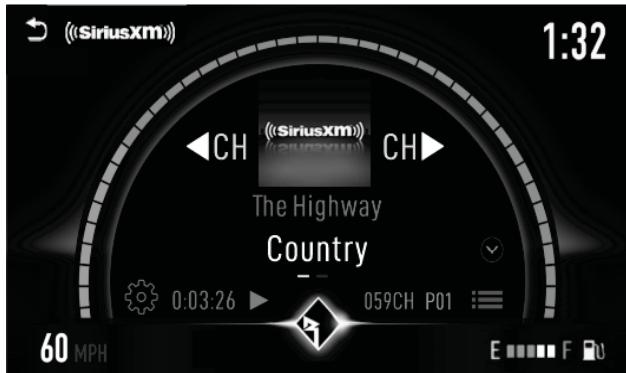
Media Operations



AUX Operation

After your device is plugged into the source unit, this feature allows you to play music from your device. Select the AUX source option on the source unit and use your plugged in device to control song/track selection, PLAY/PAUSE and track skip FWD/REV.

SiriusXM® Operation



SiriusXM®

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 Connect Tuner and Subscription are required. For more information, visit www.siriusxm.com

ACTIVATING YOUR SiriusXM SUBSCRIPTION

After installing your SiriusXM Connect Tuner and antenna, power on your source unit and select SiriusXM mode. You should be able to hear the SiriusXM Preview channel on Channel 1. If you cannot hear the preview channels, 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 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

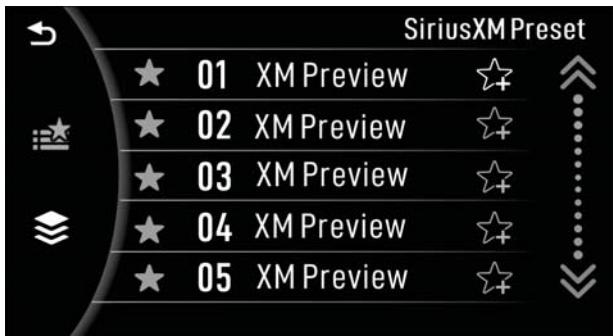
As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: "Subscription Updated". Once subscribed, you can tune to channels in your subscription plan. Note, 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.

Channel Up/Down

Tap **◀CH / CH▶** to advance to Previous / Next channel, tap and hold to fast Backward / Forward search channels.

SIRIUSXM PRESET STATION LIST

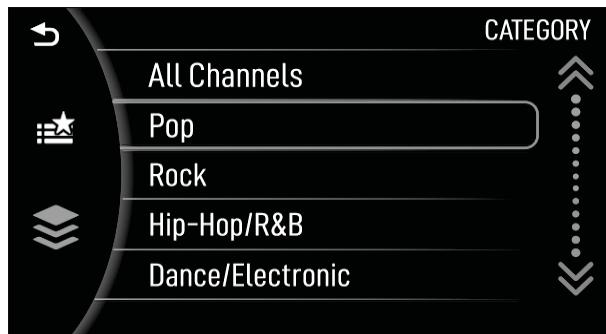
1. Tap to access the SiriusXM PRESETS / CATEGORY list.
2. Tap to enter PRESETS list, using this feature allows you to see what PRESETS are saved on the unit.



- Tap to select your desired preset station to recall the memorized station.
- Tap to store the current receiving station in memory.

CATEGORY

1. Tap to access the SiriusXM PRESETS / CATEGORY list.
2. Tap to enter the CATEGORY option to select this feature. This feature allows you to search channels based on their CATEGORY type.



3. Tap the CATEGORY type to enter category list select desired channel within the selected Category.

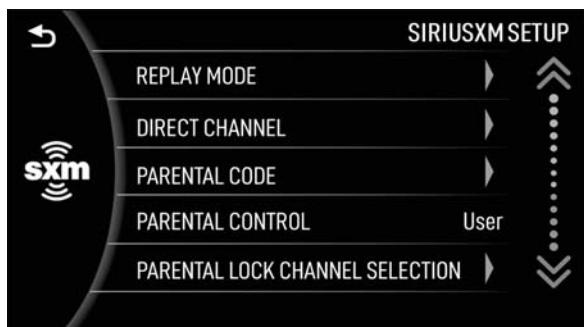


- Song Title
- Channel Name
- Artist
- Information

SiriusXM® Operation

SiriusXM Setup

To access the SiriusXM SETUP, tap  MENU when using the SiriusXM source. This will give you access to the settings (LIVE MODE > DIRECT CHANNEL > PARENTAL CODE > PARENTAL CONTROL > PARENTAL LOCK CHANNEL SELECTION > SIGNAL STRENGTH > SIRIUSXM RESET). Tap  /  to move to the hierarchy options and tap to select.



REPLAY MODE

The Replay feature allows you to pause, rewind, and replay live SiriusXM Satellite Radio.

- While listening to a SiriusXM channel, tap  to enter Replay mode. The display will show  when entering this mode.
- Tap  to resume playback of the stored audio from the point at which it was paused. During playback, the SiriusXM Tuner will continue to store the channel audio until you exit Replay Mode.

During REPLAY playback

- Fast rewind: Tap and hold 
- Fast forward: Tap and hold 
- To return to the beginning of the current song: Tap 
- To advance to the beginning of the next song: Tap 

DIRECT CHANNEL

Tap  to enter DIRECT CHANNEL option. This feature allows you to directly tune to a channel if you already know the channel number.

Enter a channel number with number keys, tap  to delete the last entry

PARENTAL CODE

Tap  to enter PARENTAL CODE option. This feature allows you to set a SiriusXM parental code for Parental Control (Default is 1111).

Input Current Lock code and then input New Lock Code number with number keys, tap  to confirm the New Lock Code, enter it a second time. Tap  to delete the last entry.

PARENTAL CONTROL

The SiriusXM Parental Control feature allows you to prevent unauthorized access to Mature content channels. When enabled, the Parental Control feature requires you to enter a passcode to tune to the locked Mature content channels.

To turn this feature on to select USER option. You will be asked to enter a code to activate it. Once the code is entered correctly, this will give you access to the PARENTAL CONTROL features.

NOTE:

It is necessary to restore the factory defaults to change the LOCK CODE to the default value (1111).

PARENTAL LOCK CHANNEL SELECTION

Tap  to enter PARENTAL LOCK CHANNEL SELECTION option to select this feature. This feature allows you to select certain channels to be locked out for listening. When trying to listen to locked channels, you will need to enter the correct access code to listen to them.

Enter the lock code with number keys, tap  to delete the last entry, and tap  to confirm the lock code.

SIGNAL STRENGTH

This feature allows you view the Signal Strength.

SIRIUSXM RESET

Tap **SIRIUSXM RESET** to reset all SiriusXM user data.

Model	PMX-HD14
Operating Voltage	10.5V - 16V
Fuse Rating	20A
Power Output	25 W X 4 @ 4 Ohms RMS 50 W x 4 @ 2 Ohms Peak
Max. RCA Output Voltage	4V
Output Impedance	500Ω
Frequency Response	20 - 20kHz
FM Frequency Range	87.5MHz - 108.0MHz
AM Frequency Range	526.5Kz - 1606.5Khz
WB Frequency Range	162.40 - 162.55 (US & Canada)
Tuner Presets	18 FM / 12 AM / 6 WB
Clock	No Clock
Display	7" Color TFT
Bluetooth	3.0+EDR, A2DP 1.3
USB Compatibility	2.0
USB Capacity	32 GB max, 255 Folders max, 999 Songs max
USB Output	1A
Android Compatibility	Bluetooth® Only
Bluetooth Operation Frequency range	2402-2480MHz
Out Power(MAX)	<20dBm
Operating temperature range	- 20 ~ + 50 °C

1. 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.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

IC warning

- English:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

FCC/ IC Radiation Exposure Statement

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

- French:

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

FCC/ IC Déclaration d 'exposition aux rayonnements

Cet appareil est conforme à FCC et IC l'exposition aux rayonnements limites fixées pour un environnement non contrôlé. Cet appareil doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps. Cet transmetteur ne doit pas être co-situé ou opérant en liaison avec toute autre antenne ou transmetteur.