marine
PowerSports

SiriusXM READY

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HMR-3

OWNER'S MANUAL

Marine Grade Audio Entertainment System

Rev. 0.1

HERTZ
The Sound Experience

www.hertzaudiovideo.com

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1. INSTALLATION

1.1 SAFETY FIRST

Before beginning installation, follow these simple rules:

1. Be sure to carefully read and understand the instructions before starting installation of your HMR-3.
2. For best safety practices, disconnect the battery negative (-) terminal to prevent unintentional damage to your HMR-3, electrical fire, and/or possible injury.
3. For easiest installation, route all wires & cables prior to mounting your HMR-3.
4. Route all RCA cables close together and away from high current wires.
5. Use high quality connectors for reliable installation and to minimize signal or power loss.
6. Think before you drill! Be careful not to cut or drill into gas tanks, fuel lines, brake or hydraulic lines, vacuum lines or electrical wiring when working on any vehicle.
7. Never run wires underneath the vehicle. Running the wires inside the vehicle provides the best protection.
8. Avoid running wires over or through sharp edges. Use rubber or plastic grommets to protect any wires routed through metal, especially firewalls.
9. ALWAYS protect the battery and electrical system from damage with proper fusing. Install the appropriate fuse & holder nearest the battery as possible.
10. When grounding to the chassis of the vehicle, scrape all paint from the metal to ensure a good, clean ground connection. Grounding connections should be as short as possible and always be connected to metal that is welded to the main body, or chassis, of the vehicle. Seatbelt bolts should never be used for connecting to ground.

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1.2 MOUNTING

Find a flat 5"x5" square surface with a minimum of 6" unobstructed clearance behind it for the chassis and all it's necessary wiring.

1. Once you have determined a mounting location, cut a 3" diameter hole (77mm). For best results, use a 3" hole saw and powered drill. Think before you drill !
2. Route all power, ground, audio signal, SiriusXM Radio Tuner cables, etc. to the mounting location. Allow additional cable length to accommodate final connections. For more information on how to install the SiriusXM Connect Vehicle tuner, consult the installation guide included with the tuner.
3. Attach two provided U-bracket studs to their respective locations on the back of the HMR-3 chassis. Hand tighten the studs with an adjustable wrench or pliers.
4. Route the power, ground, audio signal, SiriusXM Radio Tuner cables, etc. thru the hole.
5. Insert the chassis of HMR-3 and wiring through the hole.
6. From the backside of the mounting surface, slide the U-bracket over the two studs on the back of the chassis and attach the supplied nuts. Hand tighten the nuts with an adjustable wrench or pliers. If the U-bracket is too long, break off one section of each leg until the U-bracket secures your HMR-3.
7. Complete all electrical and cable connections. Refer to the following wiring diagram for electrical and cable connection details.

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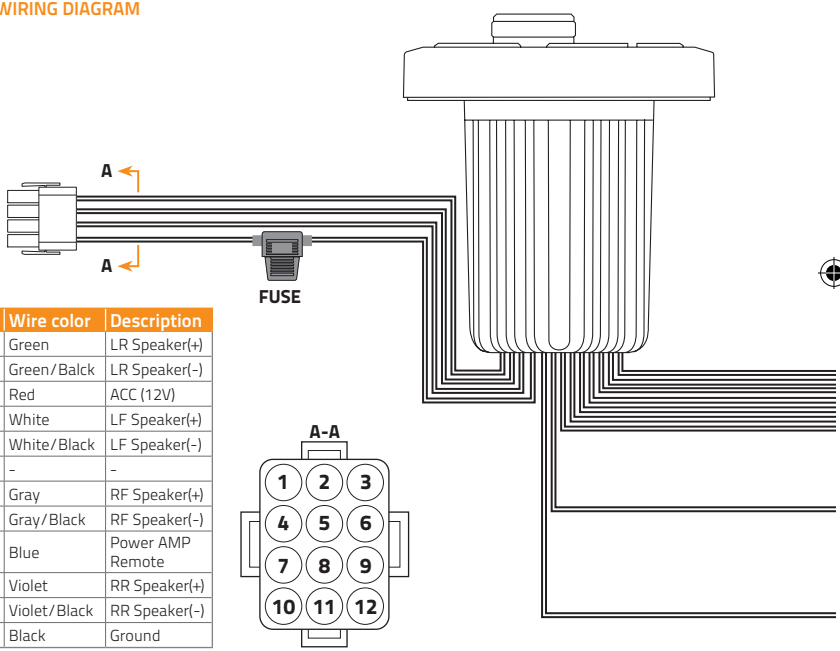
1.3 WIRING DIAGRAM



No.	Wire color	Description
1	Green	LR Speaker(+)
2	Green/Balck	LR Speaker(-)
3	Red	ACC (12V)
4	White	LF Speaker(+)
5	White/Black	LF Speaker(-)
6	-	-
7	Gray	RF Speaker(+)
8	Gray/Black	RF Speaker(-)
9	Blue	Power AMP Remote
10	Violet	RR Speaker(+)
11	Violet/Black	RR Speaker(-)
12	Black	Ground

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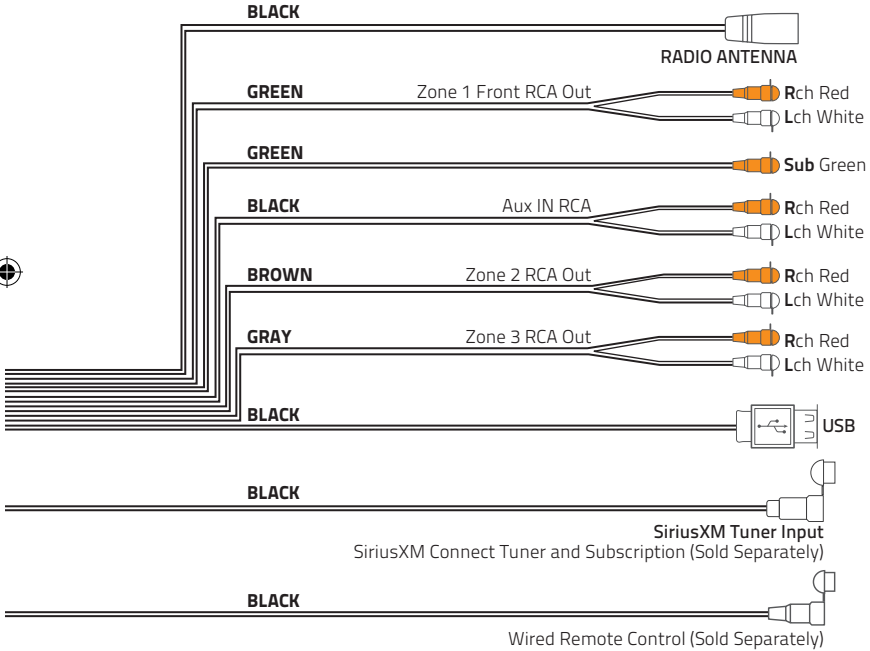

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2. GENERAL OPERATION

2.1 KEY FUNCTIONS

Key functions will vary with each source/mode; see each source/mode sections below. However, to get started, here are the basics:

- Press the **SRC** source key to return to the source menu.
- Press & hold to turn on or off HMR-3.

- Press the **ILLUMINATION** key to change the key color.
- Press & hold to change the LCD brightness.

- Press **SUB+** or **-** to increase or decrease the sub volume.
- Press & hold for rapid change.

- Press **PLAY/PAUSE** to start, pause, or resume playback.
- Press & hold to access the Zoone Audio Settings menu.

- Press **MENU** to access the current mode settings menus or return to the previous screen.
- Press & hold to access the GENERAL SETTINGS menu.

- Press **TRACK+** or **-** to advance or go back a track or ch.
- Press & hold for rapid change.

- Turn the Multi-Function Dial (MFD) to increase and decrease volume & scroll thru settings menus.
- Press & hold the MFD has specific functions for each source. See each source/mode sections of this manual.

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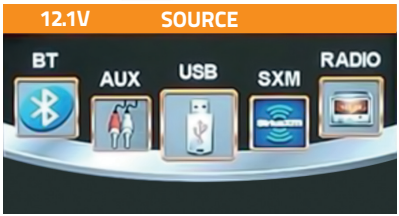
2.2 MAIN MENU

Press the **SRC** key at any time to access the source main menu.



1. Turn the MFD clockwise or counterclockwise to alternate between the available sources; SXM, RADIO, BLUETOOTH, AUX, & USB.

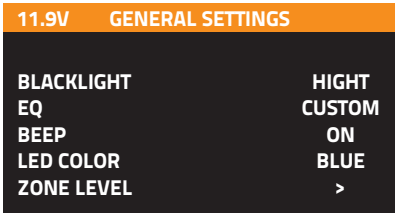
2. When the desired source/mode is centered, press the MFD to activate.

2.2.1 LOW VOLTAGE INDICATOR

A voltage indicator will always appear in the top bar.

2.3 GENERAL SETTINGS

Press & hold the **MENU** key to access the GENERAL SETTINGS menu.



Turn the MFD to scroll the list of settings; BACKLIGHT, EQ, BEEP, LED COLOR, ZONE LEVEL, ZONE AUDIO, VERSION, & FACTORY RESET.

Scroll to highlight the desired setting, then press the MFD to view the available options for the setting.

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2.3.1 BACKLIGHT

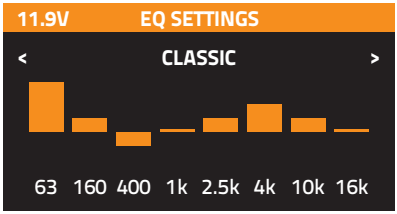
Select BACKLIGHT to adjust the LCD displays backlight brightness to HIGH or LOW.

1. Turn the MFD to highlight HIGH or LOW
2. Press the MFD to confirm & set the LCD backlight

As a short cut to change the LCD brightness, press & hold the ILLUMINATION key on the front panel for 3 seconds.

2.3.2 EQ

Select EQ to access preset audio EQ options. A graphical representation of each presets frequencies boost or cut is shown below the preset name; CLASSIC, JAZZ, ROCK, POP, OPTIMAL, and an 8-band CUSTOM EQ.



Select a preset audio EQ

1. Turn the MFD to scroll the EQ presets
2. Press the MFD to confirm a preset EQ

Select & adjust the custom EQ

1. Turn the MFD to scroll the EQ presets to find CUSTOM
2. Press the MFD to select the first frequency band
3. Turn the MFD to increase/boost or decrease/cut the level of the frequency band
4. Press the MFD to confirm the frequency band boost or cut, proceeding to the next
5. Repeat steps 3 & 4 until confirming the last frequency.
6. Press MENU MENU to return to GENERAL SETTINGS.

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2.3.3 BEEP

Select BEEP to turn off the audible haptic feedback tone. An audible tone will confirm any key press or MFD turn.

1. Turn the MFD to highlight ON or OFF
2. Press the MFD to confirm & turn the haptic feedback tone on or off.

2.3.4 LED COLOR

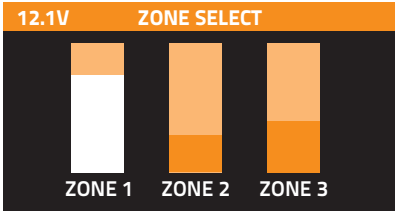
Select LED COLOR to change the front panel key backlighting color; RED, GREEN, BLUE, WHITE, YELLOW, PURPLE, CAMBRIDGE BLUE, & AUTOMATIC changing.

1. Turn the MFD to scroll the key backlight colors
2. Highlight the desired key backlight color
3. Press the MFD to confirm the desired key backlight color

As a short cut to change the key backlight color, press the ILLUMINATION key on the front panel repeatedly until reaching the desired color.

2.3.5 ZONE LEVEL

Select ZONE LEVEL to adjust the audio levels for the three independent zones; Zone1, Zone2, Zone3. Refer to wiring diagram pg. 5 for each zone's wiring connections.



1. Press the MFD to toggle between the three zones, until the desired zone to adjust becomes white.
2. Turn the MFD to increase or decrease the selected zone level, in relation to the other zones.
3. Repeat steps 1 & 2 to adjust other zones.
4. Press MENU to return to GENERAL SETTINGS.

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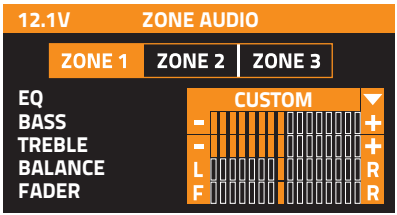
2.3.6 ZONE AUDIO

Select ZONE AUDIO to adjust the standard staging and equalizer settings for each zone. As a shortcut to access the ZONE AUDIO menu, press and hold the PLAY/PAUSE ▶II key on the front panel for 3 seconds.

1. Turn the MFD to outline the desired zone audio EQ to adjust. Zone1 will be the default zone selected.
2. Press the MFD to select the desired zone audio EQ to adjust.
3. Turn the MFD to scroll and outline the available EQ settings for the zone.



ZONE1 Equalizer Settings

EQ - Select EQ to choose one of the available preset EQs for Zone 1.
1. Turn the MFD to view the name of the available preset EQ.
2. Press the MFD to confirm the preset EQ to set for Zone 1.

See EQ pg. 7 for more details about the preset & custom EQ's.

BASS - Select BASS to adjust the level of lower octave frequencies for Zone 1.
1. Turn the MFD to increase/boost or decrease/cut the level of lower octave frequencies. The meter at right will change simultaneously with the MFD, giving a visual representation of the low octave frequency levels. The meter pictured above represents a normal low frequency level; or flat.
2. Press the MFD to confirm the bass level and return to the list of EQ settings.

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TREBLE - Select TREBLE to adjust the level of high octave frequencies for Zone 1.

1. Turn the MFD to increase/boost or decrease/cut the level of higher octave frequencies. The meter at right will change simultaneously with the MFD, giving a visual representation of the higher octave frequency levels. The meter pictured above represents normal high frequency level; or flat.
2. Press the MFD to confirm the treble level and return to the list of EQ settings.

BALANCE - Select BALANCE to adjust the levels of the left & right channels of Zone 1.

1. Turn the MFD to the left (counter-clockwise) to increase the left channel (FL/ch.1 & RL/ch.3) levels, or to the right (clockwise) to increase the right channel (FR/ch.2 & RR/ch.4) levels. The meter at right will change simultaneously with the MFD, giving a visual representation of the left & right channel levels.
2. Press the MFD to confirm the balance level and return to the list of EQ settings.

FADER - Select FADER to adjust the audio levels of the front & rear channels of Zone 1.

1. Turn the MFD to the left (counter-clockwise) to increase the front channel (FL/ch.1 & FR/ch.2) levels, or to the right (clockwise) to increase the rear channel (RL/ch.3 & RR/ch.4) levels. The meter at right will change simultaneously with the MFD, giving a visual representation of the front & rear channel levels.
2. Press the MFD to confirm the fader level and return to the list of EQ settings.

LOUD - Select LOUD to turn on or off the loud feature. The loud feature boosts the output volume to enhance dynamic sound performance.

1. Turn the MFD to ON to activate the loud feature or OFF to deactivate.
2. Press the MFD to activate or deactivate the loud setting and return to the list of EQ settings.

SUBWOOFER LEVEL - Select SUBW LEVEL to adjust the subwoofer output levels.

1. Turn the MFD to increase/boost or decrease/cut the subwoofer output level. The meter at right will change simultaneously with the MFD, giving a visual representation of the subwoofer output levels.
2. Press the MFD to confirm the subwoofer output level and return to the list of EQ settings.

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SUBWOOFER LOW-PASS FILTER - Select SUBW LPF to change the subwoofer pre-amp output low-pass crossover frequency.

1. Turn the MFD to choose the frequency for the subwoofer low-pass crossover; 90Hz, 120Hz, 180Hz.
2. Press the MFD to confirm the subwoofer low-pass crossover setting and return to the list of EQ settings.

ZONE2 & ZONE3 Equalizer Settings

BASS - Select BASS to adjust the level of lower octave frequencies for Zone 1.

1. Turn the MFD to increase/boost or decrease/cut the level of lower octave frequencies. The meter at right will change simultaneously with the MFD, giving a visual representation of the low octave frequency levels. The meter pictured above represents a normal low frequency level; or flat.
2. Press the MFD to confirm the bass level and return to the list of EQ settings.

TREBLE - Select TREBLE to adjust the level of higher octave frequencies for Zone 1.

1. Turn the MFD to increase/boost or decrease/cut the level of higher octave frequencies. The meter at right will change simultaneously with the MFD, giving a visual representation of the higher octave frequency levels. The meter pictured above represents normal high frequency level; or flat.
2. Press the MFD to confirm the treble level and return to the list of EQ settings.

BALANCE - Select BALANCE to adjust the levels of the left & right channels of Zone 1.

1. Turn the MFD to the left (counter-clockwise) to increase the left channel (FL/ch.1 & RL/ch.3) levels, or to the right (clockwise) to increase the right channel (FR/ch.2 & RR/ch.4) levels. The meter at right will change simultaneously with the MFD, giving a visual representation of the left & right channel levels.
2. Press the MFD to confirm the balance level and return to the list of EQ settings.

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NOTE: When exiting a zone's EQ setting by pressing the MENU/RETURN key, the volume control will remain with that zone. To avoid this confusion, select Zone1 prior to exiting the EQ menus.

2.3.7 VERSION

Select VERSION by pressing the MFD to view software version information.

2.3.8 FACTORY RESET

Select FACTORY RESET to reset all settings, presets, etc. to the original default settings.

1. Turn the MFD to highlight YES to reset all settings, or NO to cancel settings reset.
2. Press the MFD to confirm YES to reset all settings, or NO and return to GENERAL SETTINGS.

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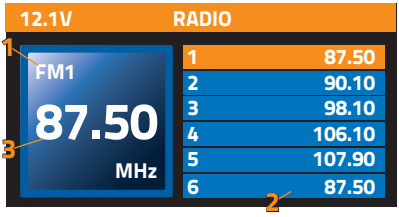
3. RADIO TUNER

3.1 RADIO TUNER INTERFACE



1. FREQUENCY BAND & PRESET GROUP
HMR-3's digital radio tuner is capable of tuning local broadcast radio stations on FM & AM bands, as well as the National Oceanic and Atmospheric Administration's (NOAA) weather report bands. Press the MFD to toggle between frequency bands; FM1, FM2, FM3, AM1, AM2, or WB. The preset group will appear adjacent to the frequency band.

2. PRESETS
Each frequency band includes groups of 6 preset stations. FM band has 3 preset groups, for a total of 16 available presets, AM band has 2 preset groups, for a total of 12 presets, & the NOAA weather report band has 1 preset group, with a total of 6 presets. Saved preset stations for each preset group will appear adjacent to a corresponding preset number. For more information about saving & recalling presets, see RADIO TUNER SETTINGS below.

3 CURRENT STATION
The frequency of the currently tuned radio station will appear below the frequency band & preset group.

3.2 TUNING A STATION

3.2.1 TUNE A STATION MANUALLY

1. Pressing the MFD repeatedly to toggle between frequency bands; FM1, FM2, FM3, AM1, AM2, or WB to select the frequency band to tune
2. Press the TRACK+ ▶▶| or TRACK- |◀◀ key to scan the broadcast frequencies individually or press and hold TRACK+ or TRACK- to seek the next or previous broadcast station.

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3.2.2 TUNE A PRESET STATION

1. Press and hold the MFD until the top preset box is outlined in a white box
2. Turn the MFD to highlight the desired preset
3. Press the MFD to tune the preset

For more information about saving & recalling presets, see RADIO TUNER SETTINGS.

3.3 RADIO TUNER SETTINGS

To access settings for the radio tuner, press the MENU button to view the list of settings options. Turn the MFD, scrolling to highlight the desired setting, then press the MFD to view the available options for the setting.

3.3.1 PRESETS

Select PRESETS to choose a preset station of the current preset group.

1. Turn the MFD to scroll the current preset group's presets.
2. Highlight the desired preset station
3. Press the MFD to tune the preset station

3.3.2 SAVE PRESETS

Select SAVE RPESETS to save the currently tunes radio station as a preset in the currently selected preset group.

1. Turn the MFD to scroll the current preset group's preset locations, 1-6
2. Highlight the desired preset location
3. Press the MFD to confirm the preset location and save the currently tune station Saving the new station in a preset location will delete the previously saved station. range is 525kHz - 1,620kHz, in 9kHz steps

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3.3.3 RADIO REGION

Select RADIO REGION to change the frequency range & stepping values of the FM and AM frequency bands to your region. Default frequency range & stepping is for USA.

1. Turn the MFD to scroll the list of available region frequency stepping.
2. Highlight the desired region.
3. Press the MFD to confirm and change the FM & AM frequency stepping

USA FM frequency range is 87.50mHz - 107.90mHz, in .20mHz steps
USA AM frequency range is 530kHz - 1,710kHz, in 10kHz steps
Europe FM frequency range is 87.50mHz – 108.00mHz, in .05mHz steps
Europe MW frequency range is 525kHz – 1,620kHz, in 9kHz steps

3.3.4 LOCALIZED TUNING

Localized Tuning will tune only nearby radio stations with the strongest broadcast reception. If Localized Tuning is deactivated, Distance Tuning is the default. Distance Tuning enables tuning of any available stations, even more distant stations with weak or poor broadcast reception.

1. Turn the MFD to highlight ON or OFF
2. Press the MFD to confirm & turn Localized Tuning only on or off

3.3.5 FM BAND

Select FM BAND to change between preset groups while managing preset within a group.

1. Turn the MFD to scroll the list of preset groups
2. Highlight the desired preset group; FM1, FM2, FM3 (AM1, AM2 if in AM band)
3. Press the MFD to confirm & change to a preset group to manage its presets

3.3.6 AUTO STORE

Auto Preset Store will scan the currently tune frequency band for any broadcasting radio station, saving each as a preset. Auto Preset Store will save each preset sequentially across all available preset groups for the frequency band. Activating Auto Preset Store will save new preset stations in all preset locations, deleting any previously stored station(s).

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3.3.7 STEREO

Radio stations transmit their signal in stereo, (L&R). If a radio station reception is weak due to the distance from the stations transmitter, the radio tuner may receive only one channel of the original stereo signal, or a mixed mono signal. In mono mode, the tuner tunes only the stronger channel of the stereo signal.

1. Turn the MFD to highlight **ON** or **OFF**.
2. Select **ON** to activate stereo reception mode, select **OFF** to deactivate stereo reception mode & activate Mono Reception Mode.

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4. BLUETOOTH CONNECIVITY

Bluetooth connectivity allows wireless audio streaming and playback control of enabled mobile devices. Simply pair your mobile phone, tablet or other device for hands free operation.

4.1 BLUETOOTH MODE INTERFACE

1. TRACK METADATA / ID3 TAG
Information about the currently playing track will appear at the left side. Displayed content may include track name, artist name, and album name.

2. TRACK NUMBER
The track number of the currently playing track will appear below the track metadata. The track number is shown as reference to the total number of all tracks in the folder, album, or playlist.

3. ELAPSED TIME
The track time will appear below the track number.

4. PLAYBACK STATUSES
The status of playback will appear adjacent to the track time. The status icon will indicate playing status or paused status.

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4.2 PAIRING YOUR DEVICE

1. While in the Bluetooth mode primary interface, enable Bluetooth pairing from your mobile device.
2. Momentarily, a Bluetooth device named "HERTZ" will appear as a pairable device
3. Select "HERTZ" to complete the pairing process.
4. Launch your favorite music player or streaming internet radio app and enjoy.

Note: To keep "0 current draw" conditions, mobile devices will not automatically re-pair after initial pairing. Follow the above steps to pair a mobile device after each power cycle.

4.3 PLAYBACK CONTROL

While enjoying audio playback from your favorite music player or streaming internet app, select track playback control functions may be available from the front panel keys.

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5. iOS DEVICE PLAYBACK via USB

The iOS device interface provides browsing, playback and track control of media stored on select iOS devices. An intuitive browser makes searching for favorite songs easy. All audio media is sorted & viewed by various categories, based on the tracks metadata information. Connect a compatible iOS device via the USB cable provided at any time to activate the iOS device interface. If already connected via USB, select USB mode from the main menu.

5.1 iOS DEVICE INTERFACE

1. **TRACK METADATA / ID3 TAG**
   Information about the currently playing track will appear at the left side. Displayed content may include track name, artist name, and album name.
2. **TRACK NUMBER**
   The track number of the currently playing track will appear below the track metadata. The track number is shown as reference to the total number of all tracks in the folder, album, or playlist.
3. **ELAPSED TIME**
   The track time will appear below the track number.
4. **PLAYBACK STATUSES**
   The status of playback will appear adjacent to the track time. The status icon will indicate playing status or paused status.
5. **REPEAT/SHUFFLE**
   If shuffle or repeat functions are active, the corresponding icon will illuminate white. If deactivated, the icon(s) will appear grey.

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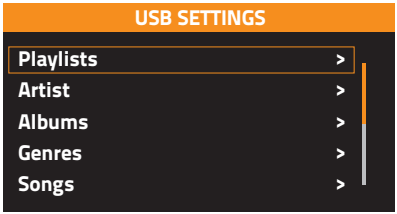
5.2 iOS DEVICE BROWSER

To access the iOS device browser, press the MENU MENU key to view the list of categories.



1. Turn the MFD, scrolling to highlight the desired category:
   PLAYLISTS; GENRES; COMPOSERS; ARTISTS; SONGS; AUDIOBOOKS; ALBUMS
2. Press the MFD to view the audio tracks associated with the category.
3. Turn the MFD, scrolling to highlight the desired track.
4. Press the MFD to confirm and begin playback of the desired track.

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6. USB MEDIA PLAYBACK

USB mode allows playback of multi-media files from a USB flash drive. USB mode offers a media browser to scroll and select audio media files saved on your USB device. Compatible playback files include .MP3 & .WMA. Simply insert a USB flash drive to the USB connector, located with the primary wiring bundle. USB mode will activate automatically or select USB mode from the main menu if the USB was connected prior.

6.1 USB MODE INTERFACE

1. **TRACK METADATA / ID3 TAG**
   Information about the currently playing track will appear at the left side. Displayed content may include track name, artist name, and album name.
2. **TRACK NUMBER**
   The track number of the currently playing track will appear below the track metadata. The track number is shown as reference to the total number of all tracks in the folder, album, or playlist.
3. **ELAPSED TIME**
   The track time will appear below the track number.
4. **PLAYBACK STATUSES**
   The status of playback will appear adjacent to the track time. The status icon will indicate playing status or paused status.
5. **REPEAT/SHUFFLE**
   If shuffle or repeat functions are active, the corresponding icon will illuminate white. If deactivated, the icon(s) will appear grey.

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6.2 MEDIA BROWSER

To access the USB device browser, view, and select audio tracks for playback, press the MENU key to view USB SETTINGS.

1. Turn the MFD to highlight BROWSER, then press the MFD to select.
2. Turn the MFD to scroll the USB root file library, including folders & audio tracks.
3. Press the MFD to view the contents of subfolders and/or begin playback of the desired track.
4. Press the MENU/BACK key to return to the previous folder or root file list.

When playing an audio track from the USB, the browser will default to the root menu or subfolder of the track currently playing. Press the MENU/BACK key to return to the previous folder or root file list.

6.3 REPEAT

To activate and apply the REPEAT function, press the MENU key to view USB SETTINGS.

1. Turn the MFD to highlight REPEAT, then press the MFD to select.
2. Turn the MFD to scroll the REPEAT options:
   REPEAT OFF – deactivates active repeat
   REPEAT ONE – repeats the current track
   REPEAT DIR – repeats the tracks in the subfolder or root file of the current track
   REPEAT ALL – repeats all tracks on the USB
3. Highlight the desired repeat function, then press the MFD to confirm.
4. To deactivate or change the active repeat function, press the MENU key to view USB SETTINGS.
5. Repeat steps 1-3 to select a different repeat function or deactivate the repeat function.

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6.4 SHUFFLE TRACKS

Shuffle will playback tracks within the current tracks folder or root file list at random.
To activate the SHUFFLE function, press the MENU key to view USB SETTINGS.

1. Turn the MFD to highlight SHUFFLE, then press the MFD to select
2. Turn the MFD to highlight ON, then press the MFD to activate shuffle
3. To deactivate the SHUFFLE function, press the MENU key to view USB SETTINGS
4. Turn the MFD to highlight OFF, then press the MFD to deactivate shuffle

6.5 STANDARD PLAYBACK

Press the TRACK+ ▶▶| key to skip to the next track in the subfolder or root file list.
Press the TRACK- |◀◀ key to return to the previous track in the subfolder or root file list.
Press and hold the TRACK+ ▶▶| key to fast forward the playback position of the track.
Press and hold the TRACK- |◀◀ key to rewind the playback position of the track.

When activating fast forward or rewind, the default speed is x2. To increase the speed, press and hold the TRACK+ ▶▶| or TRACK- |◀◀ again to select x4, x8, or x16. Press the PLAY/PAUSE ▶II key to resume normal playback. X2, x4, x8, or x16 will show on the interface to indicate the current fast forward or rewind speed.

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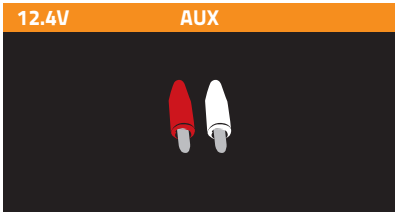
7. AUX AUDIO INPUT

7.1 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.

8. MOBILE DEVICE APPLICATION REMOTE CONTROL

Another way to control the unit instead of using the front panel or remote control, you can use your phone. You will need to install the "HERTZ" app onto your mobile device. The app will need to be downloaded from Google Play (Android phone) or App Store (iPhone). Do a search for "HERTZ" app and proceed to download. Install per the app instructions. Open the BT function of your smart phone and open the "HERTZ" APP will automatically pair with the unit.

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9. GENERAL OPERATION TROUBLESHOOTING

Before going through the checklist, check wiring connection. If any of the problems persist after checklist has been made, consult your nearest service dealer.

Symptom	Cause	Solution
No power	The ignition switch is not on.	If the power supply is connected to the accessory circuits, but the engine is not moving, switch the ignition key to "ACC".
	The fuse has blown	Replace the fuse.
No sound	Volume is in minimum	Adjust volume to a desired level.
	Wiring is not properly connected.	Check wiring connection.
Bluetooth audio is interrupted by short breaks	The music device is not covered or obstructed the Bluetooth module	Ensure the music device is located near the Bluetooth module. To prevent interruption to audio streaming over Bluetooth it is recommended that the discoverable feature is turned off after paring your device to the unit.
USB device is not recognized Note: Audio playback from Android devices is not supported	The USB device is damaged.	Disconnect USB device and reconnect. If the device is still not recognized, try replacing with a different USB device.
	Connectors are loose	Check wiring connection(s).
No sound heard with the display "No File" shown	No MP3/WMA files are stored on the USB device	Store these files properly on the USB device. USB does not work with Android devices.
The radio does not Work. The radio station automatic selection does not work	The antenna cable is not connected.	Insert the antenna cable firmly.
	The signals are too weak	Select a station manually.

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10. SiriusXM® SATELLITE RADIO

Only SiriusXM® Satellite Radio 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

10.1 SIRIUSXM ACTIVATION PROCESS

10.1.1 ACTIVATING YOUR SIRIUSXM SATELLITE RADIO SUBSCRIPTION

After installing your SiriusXM Connect Vehicle Tuner and antenna, power on your HMR3 and select SiriusXM mode. You should hear the SiriusXM Satellite Radio Preview Channel

1. If you cannot hear the Preview Channel, please check the installation instructions to make sure your SiriusXM Connect Vehicle Tuner is properly installed.

Once 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 Satellite Radio signal to receive the activation message.

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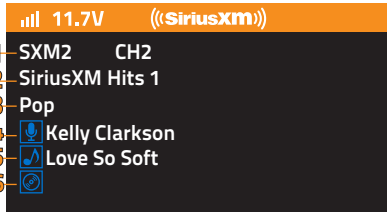
10.1.2 IDENTIFYING THE SIRIUSXM RADIO ID NUMBER

The SiriusXM Radio ID is required for activation and can be found by tuning to Channel 0 as well as by looking on the label found on the SiriusXM Connect Vehicle Tuner and its packaging.
Note: The Radio ID does not include the letters I, O, S or F.

10.2 SIRIUSXM SATELLITE RADIO INTERFACE

10.2.1 SiriusXM BANDS & CHANNEL NUMBER

There are 3 SXM bands; SXM1, SXM2, & SXM3, each with 6 channel presets. From the primary SXM Interface, press the MFD sequentially to change between each SiriusXM band. The currently playing channel number will appear adjacent to the SiriusXM band.



10.2.2 CHANNEL NAME

The currently playing channel name will appear below the SiriusXM band & channel number.

10.2.3 CHANNEL CATEGORY

The category associated with the current channel will appear below the channel number.

10.2.4 ARTIST NAME

The name of the artist of the currently playing song will appear below the category name.

10.2.5 SONG TITLE

The currently playing song title will appear below the artist name.

10.2.6 CONTENT INFO

Any additional information associated with the currently playing song will appear below the song title.

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10.3 SIRIUSXM® KEY FUNCTION

- Press the **SRC** source key to return to the source menu.
- Press & hold to turn on or off HMR-3.

- Press the **ILLUMINATION** key to change the key color.
- Press & hold to change the LCD brightness.

- Press **SUB+** or **-** to increase or decrease the sub volume.
- Press & hold for rapid change.

- Press **PLAY/PAUSE** to start, pause, or resume playback.
- Press & hold to access the audio EQ menu.

- Press **MENU** to access the SXM SETTINGS menus or return to the previous screen. See SXM SETTINGS pg. 20
- Press & hold to access the GENERAL SETTINGS menu. See GENERAL SETTINGS pg. 7.

- Press **TRACK+** or **-** to advance or go back a track or ch.
- Press & hold for rapid change.

- Turn the **MFD** to increase and decrease volume or scroll thru settings menus.
- Press to change **SMX** band or select menu settings.
- Press & hold to open direct tuning

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10.3.1 DIRECT TUNING

Selecting a channel using the Direct Tuning feature

1. From the primary SXM Interface, press and hold the MFD.
2. Enter the 3-digit Channel Number in the pop-up window by turning the MFD to scroll to the first digit
3. Press the MFD to confirm the first digit, proceeding to the second digit
4. Turn the MFD, scrolling to the second digit
5. Press the MFD to confirm the second digit, proceeding to the third digit
6. Turn the MFD, scrolling to the third digit
7. Press the MFD to confirm the third digit and tune the entered channel.

10.4 SXM SETTINGS

To access SXM settings, press the MENU button to view the list of settings options. Turn the MFD, scrolling to highlight the desired setting, then press the MFD to view the available options for the setting.

10.4.1 CATEGORY LIST

Select CATEGORY LIST to choose a content category and view the channels that broadcast content related to the category.

To browse content categories,

1. Press the MENU key to access SXM Settings.
2. Turn the MFD scrolling to & highlighting CATEGORY
3. Press the MFD to access the category list
4. Turn the MFD to scroll the category list & highlight the desired content category
5. Press the MFD to view the channels broadcast content relative to the category
6. Turn the MFD to scroll the channel list & highlight the desired channel
7. Press the MFD to tune the desired channel

Visit www.siriusxm.com for more information about the SiriusXM Satellite Radio Channel lineup

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10.4.2 SELECTING PRESETS

To select a preset on the active SXM band,

1. Press the MENU key to access SXM Settings.
2. Turn the MFD scrolling to & highlighting PRESETS
3. Press the MFD to access the preset list
4. Turn the MFD to scroll the preset list & highlight the desired preset channel
5. Press the MFD to tune the desired channel

10.4.3 SAVING PRESETS

To save a preset on the active SXM band:

1. Press the MENU key to access SXM SETTINGS
2. Turn the MFD, scrolling to and highlight SAVE PRESETS
3. Press the MFD to access the preset list
4. Turn the MFD to scroll the preset list and highlight the desired preset location (1 - 6)
5. Press the MFD to confirm and save the channel in the desired preset location.

Saving a new channel in a preset location will replace a previously saved channel.

10.4.4 LOCK MATURE CHANNELS

The parental Control Lockout limits access to SiriusXM Satellite Radio channels with mature content. When enabled, this Parental Control feature requires the user to enter a passcode to tune to locked channels.

1. Press the MENU key to access SXM SETTINGS
2. Turn the MFD, scrolling to and highlight LOCK MATURE CHANNEL
3. Press the MFD to enter the ability to activate or deactivate the Parental Control Lockout feature.

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How to Lock (restrict) or Unlock (unrestricted) the Parental Control Mature Channels. The default Lock Code is 5220.

1. Enter the 4-digit default Lock Code in the pop-up window by turning the MFD to scroll to the first digit
2. Press the MFD to confirm the first digit, and proceed to the second digit
3. Turn the MFD, and scroll to the second digit
4. Press the MFD to confirm the second digit, and proceed to the third digit
5. Turn the MFD, and scroll to the third digit
6. Press the MFD to confirm the third digit, and proceed to the fourth digit
7. Turn the MFD, and scroll to the fourth digit
8. Press the MFD to confirm the fourth digit
9. Turn the MFD, and select either ON or OFF
10. Press the MFD after selecting ON to Lock the Parental Control Mature Channels or OFF to unlock Parental Control Mature Channels

10.4.5 MANAGE LOCK CODE

Select MANAGE LOCK CODE to change the default or current Parental Control Lock code.

1. Press the MENU key to access SXM SETTINGS
2. Turn the MFD, scrolling to and highlight MANAGE LOCK CODE
3. Press the MFD to access the ability to change the default or current Parental Control Lock code.

Entering a new Parental Control Lock code. The default Lock Code is 5220

1. Enter the 4-digit default or current Lock Code in the pop-up window by turning the MFD to scroll to the first digit
2. Press the MFD to confirm the first digit, and proceed to the second digit
3. Turn the MFD, and scroll to the second digit
4. Press the MFD to confirm the second digit, and proceed to the third digit
5. Turn the MFD, and scroll to the third digit
6. Press the MFD to confirm the third digit, and proceed to the fourth digit
7. Turn the MFD, and scroll to the fourth digit
8. Press the MFD to confirm the fourth digit
9. Enter the new 4-digit Lock Code in the pop-up window by following steps1-8 above

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10.4.6 SXM FACTORY DEFAULT

Select SXM FACTORY DEFAULT to reset all SiriusXM Satellite Radio setting to default. Defaulted settings include Presets, Parental Lockout Code, Locked Channels, etc.

1. Press the MENU key to access SXM SETTINGS
2. Turn the MFD, scrolling to and highlight SXM FACTORY DEFAULT
3. Press the MFD to access the ability to reset all SiriusXM settings to factory default. Defaulted settings include Presets, Parental Control Locked Channels and Parental Control Lock Code.

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10.5 SIRIUSXM® SATELLITE RADIO TROUBLESHOOTING

Symptom	Cause	Solution
SiriusXM advisory message: "Check Antenna"	The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.	Verify 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.
SiriusXM advisory message: "Check Tuner"	The radio is having difficulty communicating with the SiriusXM Connect Vehicle Tuner.	Verify the SiriusXM Connect Vehicle Tuner is in good condition and the cable is securely connected to the radio.
SiriusXM advisory message: "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 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.
SiriusXM advisory message: "Subscription Updated"	The radio has detected a change in your SiriusXM subscription status.	Press enter 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.

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Symptom	Cause	Solution
SiriusXM advisory message: "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.	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.
SiriusXM advisory message: "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. In Canada, visit www.siriusxm.ca or call 1-877-438-9677.
SiriusXM advisory message: "Channel Locked"	The channel that you have requested is Locked by the radio Parental Control feature.	See "LOCK MATURE CHANNELS" on pg. 16 for more information on the Parental Control feature and how to access locked channels.

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11. SPECIFICATIONS

GENERAL	
Power Supply Requirements	10.5-16V DC, Negative Ground
Chassis Dimensions	123 (W) x 134 (D) x 116 (H)
Maximum Output Power	4 x 40 W @ 4 Ohms (Z1 only)
Fuse Rating	15 A
Audio Preamp Output	Stereo Pair RCA each zone
Subwoofer Preamp Output	Stereo Pair RCA
Preamp Output Voltage	4V @ 1kHz
Frequency Response	20Hz-20KHz
TFT Display	3.00" 960*240

HERTZ

All specifications subject to change without notice