



VM9125

Operating Instructions



160 watts peak
40W x 4

CONTENTS

Thank you for choosing a Jensen product. We hope you will find the instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through it, you'll learn how to use all the features of your new Jensen VM9125 Mobile Multimedia Receiver for maximum enjoyment.

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FEATURES

Congratulations on your purchase of the Jensen VM9125 Mobile Multimedia Receiver. It's a good idea to read all of the instructions before beginning the installation. We recommend having your Jensen VM9125 installed by a reputable installation shop.

DVD

- Fast Forward/Reverse - 2X, 4X, 8X and 20X
- Slow Motion Forward/Reverse - 1/2, 1/4, 1/6 and 1/8
- Play, Pause, Stop, Next Chapter and Previous Chapter

CD / MP3 / WMA

- CD-Text Compatible
- ID3 Tag Compatible
- Directory Search (MP3 / WMA Only)
- Burn up to 1500 MP3 and WMA Files onto a DVD+R / RW
- Audible Forward / Reverse Track Search (CD-DA Only)
- Random, Repeat and Intro
- Play, Pause, Stop, Next Track and Previous Track

AM-FM

- USA / Europe / Latin America / Asia Frequency Spacing
- 30 Station Presets (18 FM / 12 AM)
- Auto Stereo / Mono
- Local / Distance
- Auto Store / Preview Scan

iPod® / iPhone®

- iPod® / iPhone® via USB
- High Speed Direct Connect Interface to Access iPod® Playlists, Artists, Albums and Songs. Play music and view video/photo* files from your iPod®. *Video/photo playback requires jLink-USB iPod® interface cable (sold separately).
- Power Management Charges iPod® while Connected

Chassis

- 2.0 DIN (Import / ISO-DIN Mountable)
- Fixed Front Panel
- 6.2" High Definition TFT LCD
- 1,152,000 Sub Pixels (800x3 X 480)
- Beep Tone Confirmation (ON-OFF Option)
- Heat Management System - Forced-Air Cooling To Keep The Chip-Sets Operating at Nominal Temperatures

General

- One Composite Video Output for Additional Screens
- Front Panel Audio/Video Input
- Three-Band Tone control (Bass, Mid and Treble) with Eight Preset EQ Curves
- Front Panel A/V Aux Input for Portable Media Devices
- Rear Subwoofer Line Output
- Programmable Volume Control
- Rear Camera Input (Normal and Mirror Image View)
- Touch Screen Calibration Mode
- 2VRMS Line Output - All Channels
- Rotary Encoder Audio Control

Optional Equipment**Rear Camera**

The VM9125 is “camera ready.” Before accessing any camera features, you must purchase and install a rear video camera. Once the camera is connected and operating properly, the CAMERA source mode will become active. While the camera is not installed, the CAMERA option appears gray, indicating the function is not available.

WARNING! Never install this unit where operation and viewing could interfere with safe driving conditions.

WARNING! To reduce the risk of a traffic accident (except when using for rear view video camera) never use the video display function while driving the vehicle. This is a violation of federal law.

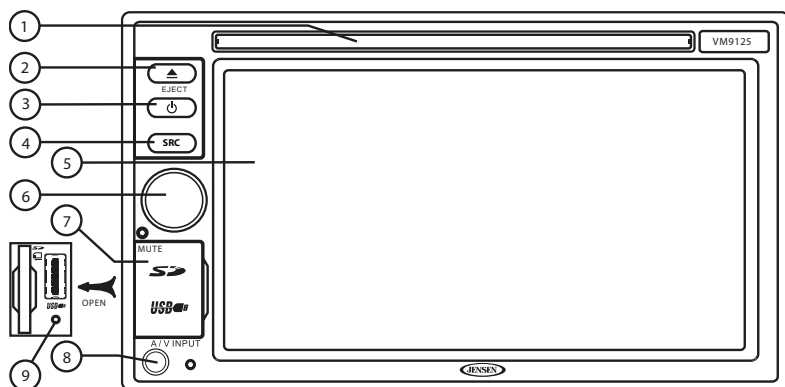
WARNING! Never disassemble or adjust the unit.

WARNING! To prevent injury from shock or fire, never expose this unit to moisture or water.

WARNING! Never use irregular discs.

WARNING! To prevent damage to the mechanism inside this unit, avoid impact to the TFT monitor.

CONTROLS AND INDICATORS



1. **Disc Slot**
2. **EJECT**
Press to eject a disc.
3. **Power On/Off (⏻)**
Press to turn the unit on and off
4. **SRC**
Press to turn the unit on. Press and hold to access the source menu.
5. **TFT Display**
6. **Rotary Encoder**
Rotate to adjust the volume. While in the audio menu, press and release to enter and/or confirm audio settings. Press to activate the MUTE function and silence the receiver. Press again to resume sound.
7. **USB/SD Interface Connector**
Connect a USB device or insert an SD card for playback of music/video files.
8. **A/V Input**
Attach a compatible A/V device.
9. **RESET**
Press to reset system settings to factory default (except password and parental lock settings).

OPERATING INSTRUCTIONS

Power On / Off

Press the ϕ /SRC button to turn the unit on. The buttons on the front of the unit light up and the current mode status appears on the LCD. Press and hold the button to ϕ power off the unit.

Audible Beep Confirmation

An audible beep tone confirms each function selection. The Beep tone can be disabled through the Setup menu.

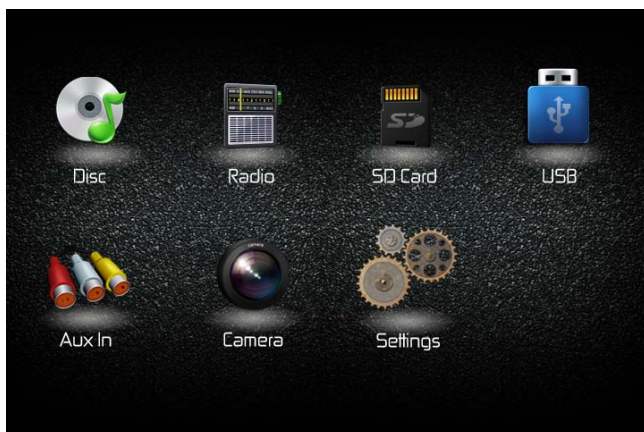
Mute/Line Mute

Press the rotary encoder button to mute the volume from the unit. Press the rotary encoder button again to restore the volume. "MUTE" is displayed on the LCD. Adjusting the volume or using any of the audio setup features cancels the mute function.

If the "MUTE" wire is connected, audio output mutes when a telephone call is received by the car phone.

Playing Source Selection

Source Menu

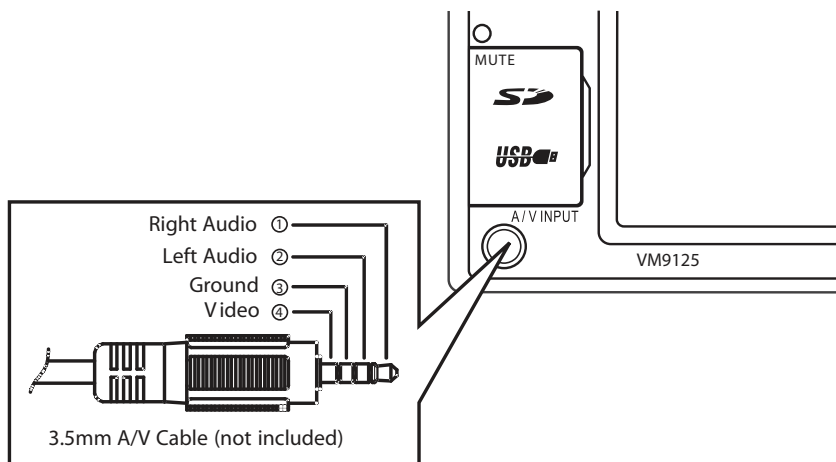


You can use the touch screen to change the source through the SOURCE MENU. To access the SOURCE MENU, touch the top left corner of the screen or press the SRC button. Touch the DISC, RADIO, SD, USB, AUXIN, CAMERA or Settings to select the corresponding source.

NOTE: If an iPod® is attached to the USB port, "IPOD" appears instead of the text "USB."

External Devices

External peripheral devices, including a game console, camcorder, navigation unit, iPod®, Zune, etc. can be connected to this unit via RCA output using an A/V Media Adapter Cable (not included).



Connect the external device to the A/V Media Adapter Cable and then plug the cable into the **A/V INPUT** connector on the front of the radio. Select **"AUX IN"** mode to access auxiliary devices. You cannot directly control external devices connected to the **A/V INPUT**. For information regarding the use of USB devices, see **"Inserting a USB Device or SD Card"**.

Volume Adjustment

Volume Increase/Decrease

To increase or decrease the volume level, turn the rotary encoder on the front panel. When the volume level reaches **"0"** or **"40"**, a beep sounds, indicating that the adjustment limit has been reached. The TFT screen displays the volume level for 3 seconds.

Programmable Turn-On Volume

This feature allows the user to select a turn-on volume setting regardless of the volume setting prior to turning the unit off. To program a specific turn-on volume level, turn the rotary encoder to adjust the volume to the desired turn-on volume. Push and hold the rotary encoder while the blue speaker icon and level indication is displayed on the screen. The unit will beep to confirm your turn-on volume setting.

Audio Control Menu

The Audio Control feature allows you to easily adjust your audio system to meet the acoustical characteristics of your vehicle, which vary depending on the type of vehicle and its measurements. Proper setting of the Fader and Balance boosts the effects of the cabin equalizer.

Equalizer

Touch the **EQ** button on the right side of the screen to display the equalizer screen.

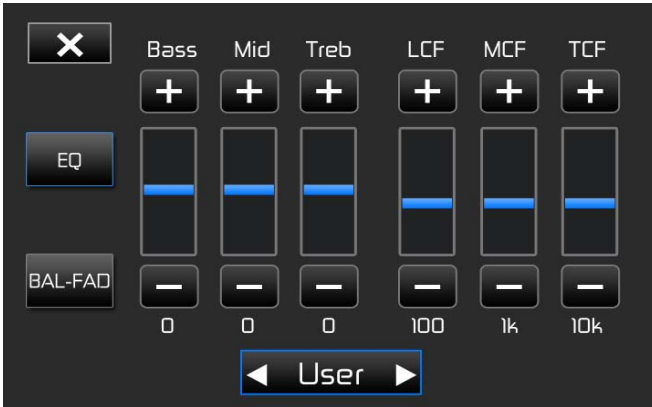


Table 1: Equalizer Adjustments

| Setting | Adjustable Range | Function |
|---------|------------------|---|
| BASS | -14 to +14 | Reduces or increases the bass frequency sound level. Touch the + or - buttons to adjust the settings. |
| MID | -14 to +14 | Reduces or increases the mid-range frequency sound level. Touch the + or - buttons to adjust the settings. |
| TREBLE | -14 to +14 | Reduces or increases the high frequency sound levels. Touch the + or - buttons to adjust the settings. |

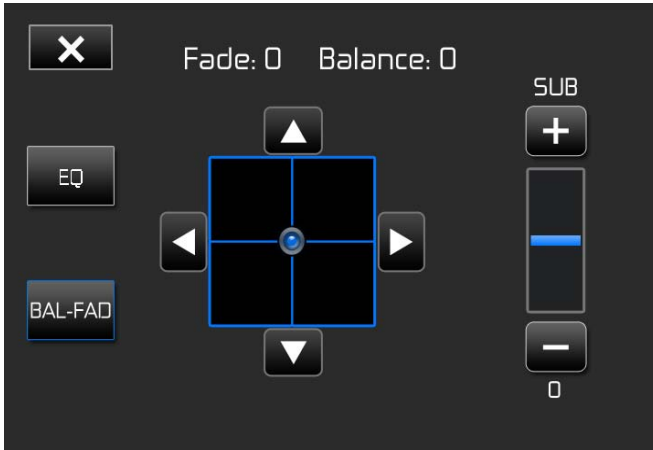
| Setting | Adjustable Range | Function |
|-------------------|------------------|--|
| BCF | 60 Hz | Selects the low pass filter frequency. Touch the + or - buttons to adjust the settings. |
| | 80 Hz | |
| | 100 Hz | |
| | 200 Hz | |
| MCF | 0.5 kHz | Selects the mid pass filter frequency. Touch the + or - buttons to adjust the settings. |
| | 1 kHz | |
| | 1.5 kHz | |
| | 2.5 kHz | |
| TF | 10 kHz | Selects the high pass filter frequency. Touch the + or - buttons to adjust the settings. |
| | 12.5 kHz | |
| | 15 kHz | |
| | 17.5 kHz | |
| Equalizer Presets | User | Applies a preset sound level to the unit's audio output signal. Touch the ◀ or ▶ button to change the setting. NOTE: The equalizer will automatically change to "USER" when individual audio functions are adjusted. |
| | Acoustic | |
| | Urban | |
| | Rave | |
| | Latin | |
| | Dance | |
| | Hip Hop | |
| Rock | | |

To exit the equalizer:

- touch the **X** button on the top left corner of the screen or press and hold the rotary encoder to return to the previous screen.
- touch the **BAL-FAD** button on the left side of the screen to display the balance/fader screen.

Balance-Fader

Touch the **BAL-FAD** button on the left side of the equalizer screen to display the balance/fader screen.



| Setting | Adjustable Range | Function |
|---------|------------------|--|
| Balance | -16 to +16 | Balances the audio output levels between the left and right side of the vehicle. Touch the ◀ or ▶ button to change the setting. |
| Fade | -16 to +16 | Balances the audio output levels between the front and back side of the vehicle. Touch the ▲ or ▼ button to change the setting. |
| Sub | -14 to +14 | Reduces or increases the subwoofer sound level. Touch the + or - buttons to adjust the settings. |

To exit the balance-fader:

- touch the X button on the top left corner of the screen or press and hold the rotary encoder.
- touch the EQ button on the left side of the screen to display the equalizer

System Reset

To correct a system halt or other illegal operation, use the tip of a pen to press the reset button located on the front bottom-right corner of the unit.



[RESET] Button

After a system reset, the unit restores all factory default settings.

NOTE: If the unit is reset while a DVD is playing, the DVD resumes play once the reset is complete.

Image/Display Settings

Video Output Modes

Table 2 shows the video output mode for each playing source.

Table 2: Video Output Modes

| Playing Source | Video Output Modes |
|----------------|--------------------|
| AM/FM TUNER | RGB Mode |
| DVD | RGB Mode |
| AUX IN | CVBS Mode |

*CVBS – Composite Video Baseband Signal

Parking Brake Inhibit

- When the pink “Parking” wire is connected to the vehicle Parking Brake circuit, the front TFT monitor will display video when the Parking Brake is engaged. (When the pink wire is grounded via the Parking Brake circuit, video will be displayed.)

SETTINGS MENU



To access system settings, touch the  button on the screen to enter the SETTINGS MENU. The GENERAL Sub-menu appears highlighted in blue.



Accessing Menu Items

Touch the sub-menu name to select a sub-menu (Language, Audio, RDS, etc.). The features available for adjustment under the highlighted sub-menu option will appear in the left of the screen.

Adjusting a Feature

1. Touch an item on the touchscreen to select the feature to be adjusted. Touch the  or  icon to view the previous or next feature page, if applicable. An options list appears on the right.
2. Touch the option field for the feature you want to adjust. The feature option is updated.

General Sub-menu Features

| Setting | Options | Function |
|--------------|----------|---|
| Tuner Region | USA | <ul style="list-style-type: none"> • AM Frequency Spacing - 10 kHz • AM Frequency Band - 530 kHz ~ 1720 kHz • FM Frequency Spacing - 200 kHz • FM Frequency Band - 87.5 MHz ~ 107.9 MHz |
| | S.Amer1 | <ul style="list-style-type: none"> • AM Frequency Spacing - 10 kHz • AM Frequency Band - 530 kHz ~ 1720 kHz • FM Frequency Spacing - 100 kHz • FM Frequency Band - 87.5 MHz ~ 108.0 MHz |
| | Arabia | <ul style="list-style-type: none"> • AM Frequency Spacing - 9 kHz • AM Frequency Band - 531 kHz ~ 1620 kHz • FM Frequency Spacing - 100 kHz • FM Frequency Band - 87.5 MHz ~ 108.0 MHz |
| | China | <ul style="list-style-type: none"> • AM Frequency Spacing - 9 kHz • AM Frequency Band - 522 kHz ~ 1620 kHz • FM Frequency Spacing - 100 kHz • FM Frequency Band - 87.5 MHz ~ 108.0 MHz |
| | S. Amer2 | <ul style="list-style-type: none"> • AM Frequency Spacing - 5 kHz • AM Frequency Band - 520 kHz ~ 1600 kHz • FM Frequency Spacing - 100 kHz • FM Frequency Band - 87.5 MHz ~ 108.0 MHz |
| | Europe | <ul style="list-style-type: none"> • AM Frequency Spacing - 9 kHz • AM Frequency Band - 522 kHz ~ 1620 kHz • FM Frequency Spacing - 50 kHz • FM Frequency Band - 87.5 MHz ~ 108.0 MHz |
| | Korea | <ul style="list-style-type: none"> • AM Frequency Spacing - 9 kHz • AM Frequency Band - 531 kHz ~ 1602 kHz • FM Frequency Spacing - 200 kHz • FM Frequency Band - 88.1 MHz ~ 107.9 MHz |
| RDS | Off | Turn On/Off the RDS feature. |
| | On | |
| CT | Off | System time is synchronized with current broadcast station time (Clock Time). Setting this feature to On will automatically set your system clock. |
| | On | |
| Clock Mode | 12Hr | Clock displays 12 hour time using AM and PM. |
| | 24Hr | Clock displays 24 hour time up to 23:59 . |

| Setting | Options | Function |
|---------|---------|---|
| Clock | (HH:MM) | Clock appears in the top right corner of the screen during certain operations. NOTE: The AM/PM indication will change as you continue to adjust the hour past 12. |
| Beep | Off | No beep sounds. |
| | On | When turned on, an audible beep tone confirms each function selection. |
| TsCal | Yes | Press to access the touch screen calibration function. |

Language Sub-menu Features

If a DVD supports more than 1 Subtitle or Audio language, all the languages are available for selection during playback. If the selected language is not supported by the DVD, then the default language is used.

| Setting | Options | Function |
|----------|---------|--|
| Language | English | Display appears in English. |
| Subtitle | English | DVD subtitles automatically appear in English when available. |
| | Auto | DVD subtitles appear according to the default subtitle language specified on the disc. |
| | Off | DVD subtitles do not appear. |
| Audio | English | Audio is heard in English when the option is available. |
| DVD Menu | English | DVD menu (if applicable) is displayed in English. |

Rating Sub-menu Features

The DVD system has a built-in parental lock feature to prevent unauthorized persons from viewing restricted disc content. By default, the rating system is unlocked. Once set up, the parental lock is released only by entering the correct password. Once the password is entered, rating is available for setup.

| Setting | Options | Function |
|----------------|----------------|--|
| Set Password | ---- | Enter a 4-digit password to activate the "Rating" feature |
| Parental Ctrl | 1. Kid Safe | Select the appropriate rating level for the intended audience. You may override higher ratings by using your password. |
| | 2. G | |
| | 3. PG | |
| | 4. PG-13 | |
| | 5. PG-R | |
| | 6. R | |
| | 7. NC-17 | |
| | 8. Adult | |
| Load Factory | Reset | Select "Reset" to restore the factory default settings for the Rating system only. |

To reset the password, access the "RATING" menu and enter the current password. Once the correct password is entered, you can access the "Password" field and enter a new one.

NOTE: Record the password and keep it in a safe place for future reference. The rating for each disc is marked on the disc, disc packing, or documentation. If the rating is not available on the disc, the parental lock feature is unavailable. Some discs restrict only portions of the disc, allowing the appropriate content will play. For details, please refer to the disc description.

Audio Sub-menu Features

| Setting | Options | Function |
|------------|---------|---|
| DRC | Off | Employ the Dynamic Range Control for better playback for low volumes. |
| | On | |
| Loudness | Off | Select low frequency boost only or high and low frequency boost. |
| | LO | |
| | HI/LO | |
| Subwoofer | Off | Turns the subwoofer output on or off. |
| | On | |
| Sub Filter | 80 Hz | Select a crossover frequency to set a cut-off frequency for the subwoofer's LPF (low-pass filter). |
| | 120 Hz | |
| | 160 Hz | |
| BASS Q | 1.0 | Adjust the Q / Bandwidth of the Bass response of the selected BCF (Bass Center Frequency). |
| | 1.25 | |
| | 1.5 | |
| | 2.0 | |
| MID Q | 0.5 | Adjust the Q / Bandwidth of the Midrange response of the selected MCF (Midrange Center Frequency). |
| | 0.75 | |
| | 1.0 | |
| | 1.25 | |
| Source | Radio | Choose a source for which you would like to increase or decrease the relative volume (LEVEL). |
| | Disc | |
| | USB1 | |
| | AUX IN | |
| Level | 0 to 6 | Default level is 3 (0dB reference) 0 = (-6dB) 1 = (-4dB) 2 = (-2dB) 3 = (0dB) 4 = (+2dB) 5 = (+4dB) 6 = (+6dB) |

Hardware Sub-menu Features

If the rear-view video camera is connected, the unit is on, Camera mode is selected upon shifting into REVERSE gear. If the monitor is in display mode, the monitor automatically switches to CAMERA mode upon reverse driving. When the reverse driving stops, the monitor return to its original input mode.

| Setting | Options | Function |
|---|----------------|--|
| Camera In | Normal | Reverse the camera image as if looking through a rear-view mirror. |
| | Mirror | |
| Video Input (Input circuitry auto detects the video signal from the Aux In source). | NSTC | The color signals are output in the standard NTSC format. |
| | PAL | The color signals are output in the standard PAL format. |
| | Auto | The color signal output is switched automatically based on the current video input signal - NTSC or PAL. |

Demo Sub-menu Features

The Demo mode is on and set to Auto run by default. The Demo mode will display various user interface TFT display pages such as the Radio, Disc, Aux In, and Camera sources. The Demo mode will also display the Equalizer and Settings menu pages. Touching any portion of the touch screen will pause the Demo mode temporarily. If the touch screen is not pressed again (within 30 seconds) the Demo mode will resume.

To turn the Demo mode off, access the Settings Menu and turn Auto run to OFF.

TS Cal (Screen Calibration)

To access the "Screen Calibration" function from the SETTINGS MENU, select the "TS CAL" option.

After entering calibration mode, a crosshair + appears in a corner quadrant of the screen. To begin calibration, touch and hold the crosshair for one second until it moves to the next quadrant. Continue for each quadrant until the calibration is completed.

Exiting the System Setup Menu

To exit setup mode and resume normal playback, touch the **Setting** button on the screen.

TUNER OPERATION

Tuner TFT Display



Menu
Page 1

Menu
Page 2

1. **RADIO:** Touch to view the SOURCE MENU and select a new playback source
2. Current radio band indicator
3. Stereo broadcasting indicator
4. Strong local signal broadcasting indicator
5. Equalizer setting indicator
6. **EQ:** Touch for quick access to Equalizer level settings
7. Clock
8. Program Information **Info:** This indicator provides three types of information: PS, RT, and PTY. PTY displays the program category of the current station such as category (news, sports, talk etc.) RT/PS provide the current song title, current song title, performing artist and station call letters.
9. Radio frequency indicator
10. **▶▶** Touch to seek forward
11. **▶** Touch to tune forward one step
12. **◀** Touch to tune backward one step
13. **◀◀** Touch to seek backward
14. **AS:** Touch to automatically store stations
15. **PTY:** Touch to activate the program type related search function

16. **SCAN:** Touch to scan all stations available, stopping for 5 seconds at each and continuing until a station is selected
17. **SAVE:** Touch to display view screen used to enter current channel into preset memory
18. **BAND:** Touch to change between AM/FM bands
19. **DIRECT ENTRY:** Touch to access the direct entry screen
20. Presets provides a display of the preset frequencies. Touch to recall preset stations
21. **OPTIONS** Touch to display CT and LOC functions.

More Tab

Touching the **More** tab will reveal the **Options** tab. Touching the **Options** tab will display the following **CT** and **LOC** functions on the Tuner TFT display screen.



LOC: This allows the user to activate local station reception function. When the Local function is on, only radio stations with a strong local radio signal are played.

CT: (Clock Time, RDS feature) When enabled the radio system clock is synchronized with broadcasters time signal setting the clock automatically. In some regions where daylight savings time is not adhered to, the system clock will be off by 1 hour. In these cases, set CT to OFF and manually set the clock.

Switching to Radio Tuner Source

- Touch the top left corner of the screen (the RADIO box) to view the SOURCE MENU. Touch "Radio".
- Press the **SRC** button on the front panel to switch to the AM/FM or RADIO source.

Selecting FM/AM Band

Touch the **BAND** button on the screen to change between the following bands: FM1, FM2, FM3, AM1, and AM2.

Seek Tuning

To seek the next higher station, touch the ►► button.

To seek the next lower station, touch the ◀◀ button.

Manual Tuning

To increase or decrease the tuning frequency one step, touch the ◀ or ► button.

Direct Tuning

To enter a radio station directly, touch **DIRECT ENTRY** to display the direct entry menu.



Enter the desired radio station frequency using the on-screen number pad. If you wish to delete an entry number touch **←**. Press **OK** to tune to the selected station and touch the **OK** button. To exit the screen without changing the station, touch **X**.

Using Preset Stations

Six numbered preset buttons store and recall stations for each band. All six stored stations (P1-P6) for the current band appear on the screen.

Storing a Station

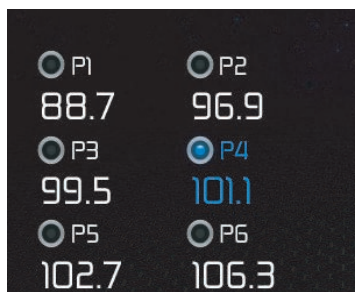
1. Select a band (if needed), then select a station.
2. Touch the on-screen **Mem** to access the preset screen.



3. Touch the preset number in which you would like to store the current station (or touch X to cancel and close the menu). The station frequency is displayed at the top of the menu. The preset number will appear highlighted. The station frequency will be stored in the highlighted preset. The station will be displayed on the front panel of the tuner screen.

Recalling a Station

1. Select a band (if needed).
2. Touch an on-screen preset button to select the corresponding stored station.



Auto Store (AS)

To select six strong stations and store them in the current band:

1. Select a band (if needed).
2. Touch AS on the on-screen controls to activate the Auto Store function.

The new stations replace stations already stored in that band. If you have already set the preset memories to your favorite stations, activating the Auto-Store feature will erase those stations and enter the new strong stations. This feature is most useful when travelling in an area where you are not familiar with the local stations.

Preview Scan (SCAN)

To scan the AM or FM band for a preview of available stations in your particular area, touch **SCAN**. The scan function will play the first 5 seconds of each station. When a desired station is reached, touch **SCAN** again. Play of the selected station will continue and the preview scan will stop. .

Local Radio Station Seeking (LOC)

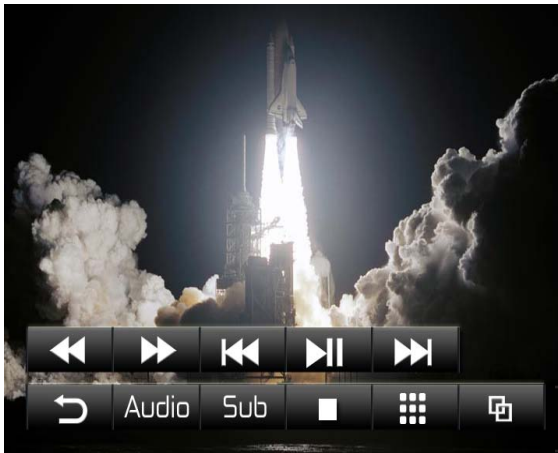
When the Local function is on, only radio stations with a strong local radio signal are played. To activate the Local function in the AM/FM tuner mode, touch MORE on the touch screen. The Options tab is revealed. Touch LOC ON/OFF to turn the local function on or off. When the Local function is active, the LOC indicator at the top of the screen is illuminated. When the Distant function is active, the DX indicator at the top of the screen is illuminated.

DVD/VCD VIDEO OPERATION

NOTE: When properly installed, DVD video cannot be displayed on the main TFT screen unless the parking brake is applied. If you attempt to play a DVD while the vehicle is moving, the TFT screen displays:














Warning!!!

It is illegal to view video while driving or operating a motor vehicle. Set parking brake to view video.



Controlling Playback

To access the on-screen controls, touch the bottom 1/3 of the screen while a DVD is playing. Touch to view a second page of controls

1.  Touch to advance to the next chapter on the DVD.
2.  Touch to see the second page of DVD controls.
3.  Touch to select a chapter/track directly using the on-screen display direct entry menu display
4.  Touch to stop DVD playback.
5. **Sub:** Touch during playback to select the subtitle language if the disc is recorded in multiple languages. Each time the icon is touched a different subtitle language is selected. The subtitle function can also be turned on or off.
6. **Audio:** Touch during playback to select to select the audio language. Each time the icon is touched a different audio language is selected if you are watching a disc recorded in multiple languages.
7.  Touch to remove the DVD controls from the screen during DVD playback.
8.  Touch to fast reverse. Keep touching and releasing the icon to increase the rate from "x2" to "x4", "x8", and "x20". Touch the icon again to resume normal play.
9.  Touch to fast forward. Keep touching and releasing the icon to increase the rate from "x2" to "x4", "x8", and "x20". Touch the icon again to resume normal play.
10.  Touch to move to previous chapter.
11.  Touch to begin playback. Press the icon again to pause playback.
12. **TITLE:** Touch to select a different title for playback. Select a title using the touch screen.
13. **DISP:** Touch to display playback information on the screen including the media playing and current playback time.
14. **EQ:** Touch for quick access to the Equalizer level settings.
15.  Touch to view the SETUP menu.
16.  Touch to select and activate Slow Motion Playback (Forward and Reverse). Touch to play the current title in slow motion. Keep pressing and releasing the button to change the rate from forward 1/2, 1/4, 1/6 and 1/8 speed. Continue for slow motion backward at 1/2, 1/4, 1/6 and 1/8 speeds. Touch the on-screen play button () to resume normal play.
17.  Touch during playback to repeat the current chapter. Touch the icon a second time to repeat the current title. Touch the icon a third time to turn the repeat function off.
18. **A-B:** Touch to repeat a specific portion from point A to point B of the DVD disc.
19. **ANGLE:** Touch to view angles if the DVD contains scenes shot from different angles.
20. **Menu:** Touch to display the DVD root menu.

Inserting a Disc

Upon inserting a DVD disc, DVD mode is entered and disc play begins.

NOTE: If Parental Lock (Rating) is activated and the disc inserted is not authorized, the 4-digit code must be entered and/or the disc must be authorized (see "Rating Sub-menu Features").

You cannot insert a disc if there is already a disc in the unit or if the power is off.

NOTE: DVD-R and DVD-RW will not play unless the recording session is finalized and the DVD is closed.

Ejecting a Disc

Touch **▲** on the front of the unit to eject the disc. The unit automatically reverts to Tuner mode. You may eject a disc with the unit powered off. The unit will remain off after the disc is ejected.

Resetting the Loading Mechanism

If the disc loads abnormally or an abnormal core mechanism operation occurs, touch and hold **▲** to reset the loading mechanism. Normal operation resumes.

Accessing DVD Mode

To switch to DVD mode when a disc is already inserted, touch **SRC** on the front panel to access the source menu. Touch the disc icon.

Repeat Playback

Touch **↺** to alter repeat mode in the following sequence:

- DVD: Repeat Chapter, Repeat Title, Repeat Off
- VCD (PBC Off): Repeat Single, Repeat Off

NOTE: For VCD play, the repeat function is not available if PBC is on.

Sectional Repeat Function (A-B)

Use the **A-B** function to define a specific area of a disc to repeat.

- Touch **A-B** on the second page of DVD on-screen controls to set the start point (A) of the repeated section.
- Touch **A-B** again once you reach the desired end point (B) of the repeated section. The selected portion of the DVD will now repeat continuously.
- Touch **A-B** a third time to cancel the A-B section setting and stop repeat play.

Accessing the DVD Source Menu

- Touch **MENU** on the first page of DVD on-screens controls to recall the DVD source menu. Touch to select a title from the menu.
- Touch **TITLE** on the second page of DVD on-screen controls to select a different title for playback.
- Select a title using the touch screen.

Moving Through Chapters

Touch **▶▶** to advance to the next chapter on the DVD.

Touch **◀◀** button to move to the previous chapter.

Direct Chapter / Track Selection

To select a chapter/track directly, touch the on-screen **■** to display the direct entry menu.



Enter the desired chapter/track using the on-screen number pad. Touch the “check mark” to enter your selection. To exit the screen without changing the chapter, touch **X**. To clear an entry and start over, touch the back arrow.

Viewing an Alternate Picture Angle (DVD Only)

Some DVDs contain scenes that have been shot simultaneously from different angles. For discs recorded with multiple angles, touch **Angle** on the second page of DVD on-screen controls to toggle available angles of the on-screen image.

Multi-Language Discs (DVD Only)

Changing Audio Language

If you are watching a disc recorded in multiple languages, touch **AUDIO** on the second page of DVD on-screen controls to choose a language. Each time the icon is touched the language will change.

Changing Subtitle Language

If you are watching a disc recorded in multiple languages with subtitles, touch **Sub** on the second page of DVD on-screen controls to choose the language in which you would like the subtitles to appear.

***NOTE:** During VCD playback, touch the **AUDIO** on the second page of DVD on-screen controls to choose between Left Channel, Right Channel, and Stereo.*

PBC - Play Back Control (VCD Only)

For VCDs with play back functionality, play back control (PBC) provides additional controls for VCD playback.

Touch **PBC** on the first page of DVD on-screen controls to toggle the PBC function "On"/"Off". Once PBC is on, playback starts from track one of the play list.

***NOTE:** When PBC is activated, fast forward, slow playback, and previous/next track are available. Repeat and direct track selection are not available.*

When PBC is activated, selecting random, scan, or search playback automatically deactivates PBC.

Playback Information

During DVD and VCD playback, touch **DISP** on the second page of DVD on-screen controls to display playback information on the screen, including the media playing and current playback time.

DVD Playback Information

- DVD Video – Format of current disc.
- Time 00:01:30/00:36:10 – Indicates the playback time of the current track.
- Title 5/08 – Indicates the fifth of 8 titles on the DVD is currently playing.
- Chapter 2/16 – Indicates that the second of 16 chapters on the DVD is currently playing.

VCD Playback Information

- VCD2.0 – Format of current disc.
- Time 00:01:30/00:36:10 – Indicates the playback time of the current track.
- PBC On/Off – Indicates whether Play Back Control is On or Off.

General Disc Information

Table 3: Disc Properties










| Symbol | 12cm Disc Properties | Max Play Time |
|---|-----------------------------------|-----------------|
|  | Single side single layer (DVD-5) | (MPEG 2 Method) |
|  | Single side double layer (DVD-9) | 133 minutes |
| | Double side single layer (DVD-10) | 242 minutes |
| | Double side double layer (DVD-18) | 266 minutes |
| | | 484 minutes |
|  | Single side single layer (VCD) | (MPEG 1 Method) |
| | | 74 minutes |
|  | Single side single layer | 74 minutes |

Table 3: Disc Symbols

| Symbol | Meaning |
|--|--|
|  | Number of voice languages recorded. The number inside the icon indicates the number languages on the disc (maximum of 8). |
|  | Number of subtitle languages available on the disc (maximum of 32). |
|  | Number of angles provided (maximum of 9). |
|  | Aspect ratios available. "LB" stands for Letter Box and "PS" stands for Pan/Scan. In the example on the left, the 16:9 video can be converted to Letter Box video. |
|  | Indicates the region code where the disc can be played. <ul style="list-style-type: none"> • Region 1: USA, Canada, East Pacific Ocean Islands • Region 2: Japan, Western Europe, Northern Europe, Egypt, South Africa, Middle East • Region 3: Taiwan, Hong Kong, South Korea, Thailand, Indonesia, South-East Asia • Region 4: Australia, New Zealand, Middle and South America, South Pacific Ocean Islands/Oceania • Region 5: Russia, Mongolia, India, Middle Asia, Eastern Europe, North Korea, North Africa, North-West Asia • Region 6: Mainland China • ALL: All regions |

DVD/CD AUDIO OPERATION

Instructions for TFT control and Insert/Eject are the same for DVD and CD operation. Please see the DVD/Disc Video Operation section for information about these topics.

Media Requirements

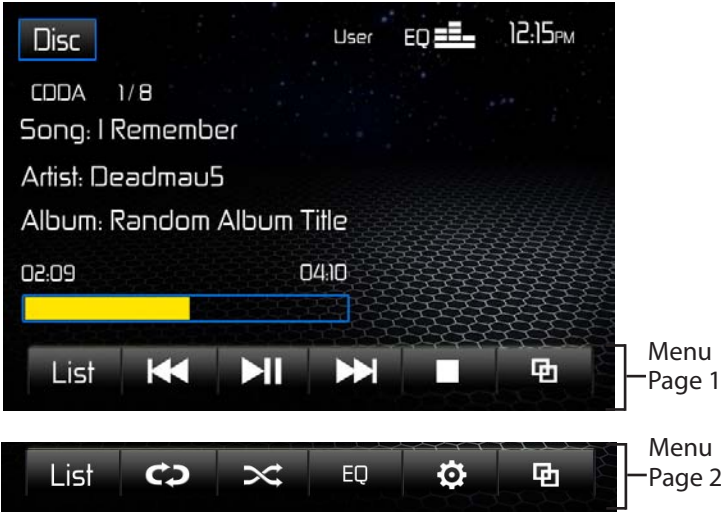
The VM9125 will play music or other audio files from the following disc media:










- CD-DA
- CD-R/RW
- DVD
- DVD+R/RW
- DVD-R/RW

Upon inserting a disc with the TFT screen open, the disc and track title (if available), along with the track number and playing time appear on the screen.

CD TFT Display

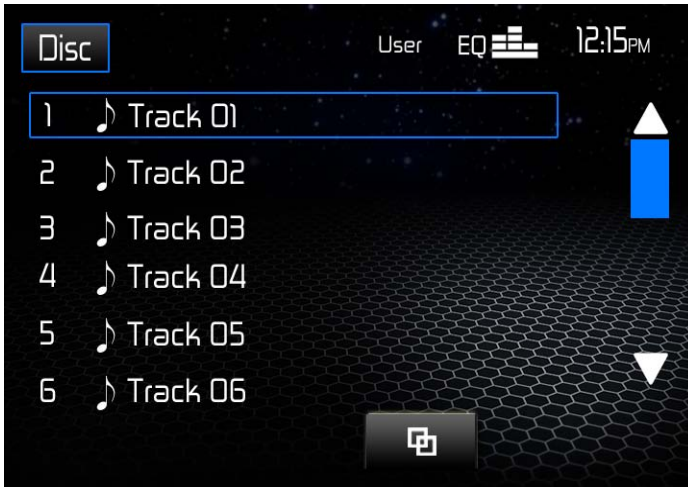
The on-screen indicators and touch key areas for CD playback are outlined below.




1. **DISC:** Touch to view the SOURCE MENU and select a new playback source.
2. Repeat Play Indicator - This indicator is lit when the repeat mode is active.
3. Random Play Indicator - This indicator is lit when the random mode is active.
4. Equalizer setting indicator
5. EQ : Touch for quick access to the Equalizer level settings menu.
6. Toggle icon (): Touch to toggle between menu page 1 and menu page 2.
7. Stop () icon: Touch to stop playback.
8. Next () icon: Touch to play the next track.
9. Pause/Play () icon: Touch to pause playback. Touch again to resume playback.
10. Previous () icon: Touch to play the previous track.
11. List icon: Touch to display the Playlist screen.
12. Elapsed time Indicator: Displays the elapsed and total playing time of the current track playing.
13. Track Indicator: Displays the current track number playing and total number of tracks on disc.
14. Settings () icon: Touch to view the SETTINGS menu.
15. EQ icon: Touch for quick access to the Equalizer level settings menu.
16. Repeat () icon: Touch to alter repeat mode as follows: Repeat Single > Repeat Folder > Repeat All > Repeat Off
17. Random () icon: Touch to alter random mode as follows: Random On > Random Off

Playlist Screen

The Playlist screen allows you to directly search for music on your disc.




- Touch a track title (if available) or track number to begin playback of that track.
- Touch ▲ to view the previous playlist page. Touch ▼ to view the next playlist page.
- Touch  to return to menu page 1

Controlling Playback

Inserting a Disc


Upon inserting a CD, disc play begins. You cannot insert a disc if there is already a disc in the unit or if the power is off.

Ejecting a Disc

Press the  button on the front of the unit to eject the disc. The unit automatically reverts to Tuner mode.

You may eject a disc with the unit powered off. The unit will remain off after the disc is ejected.

Resetting the Loading Mechanism

If the disc loads abnormally or an abnormal core mechanism operation occurs, press and hold the  button to reset the loading mechanism. Normal operation resumes.

Stopping Playback

Touch the Stop () icon to stop disc play.

To resume playback, touch the Pause/Play () icon.

Pausing Playback


Touch the Pause/Play () icon to suspend or resume disc play.

Moving Through Tracks

Touch the Next () icon to advance to the next track on the disc.



Touch the Previous () button to move to the previous track.

Repeat Playback

Touch the  icon to alter repeat mode according to the following:

- DVD: Repeat Single > Repeat Folder > Repeat All > Repeat Off
- CD-DA: Repeat Single > Repeat Folder > Repeat All > Repeat Off
- CD-R/RW: Repeat Single > Repeat Folder > Repeat All > Repeat Off
- DVD-R/RW: Repeat Single > Repeat Folder > Repeat All > Repeat Off

Random Play Select

Touch the Random () icon to play the tracks on the disc in a random, shuffled order. Touch the Random () icon again to cancel Random Play mode.

NOTE: CD-R and CD-RW will not play unless the recording session is finalized.

MP3/WMA OPERATION

Instructions for TFT control and Insert/Eject are the same for DVD and MP3 operation. Please see the DVD/Disc Video Operation section for information about these topics.

Media and File Requirements

This player allows you to play back MP3 and WMA files recorded onto CD-R/RWs, DVD+R/RWs, and DVD-R/RWs. For CD-RW discs, please make sure it is formatted using the full method and not the quick method to prevent illegal disc operation. For the greatest file capacity, Dual Layer DVD's can be used when burning music to a disc. .

MP3 Format Compatibility

The file naming formats listed below are compatible with this unit:

- ISO 9660 – file name: 12 characters, file extension: 3 characters
- ISO 9660 – file name: 31 characters, file extension: 3 characters
- Joliet – 64 characters

If the file or folder name does not conform to ISO 9660 file system standards, it may not be displayed or played back correctly. Use the following settings when compressing audio data for your MP3 disc:

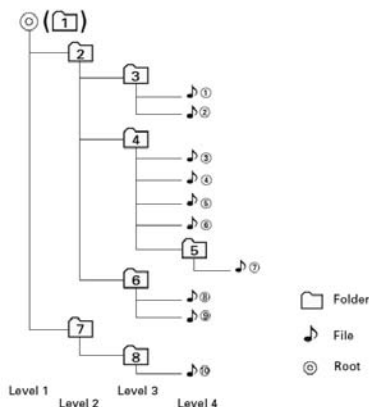
- Transfer Bit Rate: 128kbps
- Sampling Frequency: 48kHz

When recording MP3 up to the maximum disc capacity, disable additional writing. For recording on an empty disc up to maximum disc capacity, use the "Disc at once" setting.

MP3 Playing Order

When selected for play, files and folders (Folder Search, File Search or Folder Select) are accessed in the order they were written by the CD writer. As a result, the order in which they are expected to be played may not match the order in which they are actually played. You may be able to set the order in which MP3/WMA files are to be played by writing them onto a medium such as a CD-R with their file names beginning with play sequence numbers such as "01" to "99".

For example, a medium with the following folder/file hierarchy is subject to Folder Search, File Search or Folder Select, as shown below.

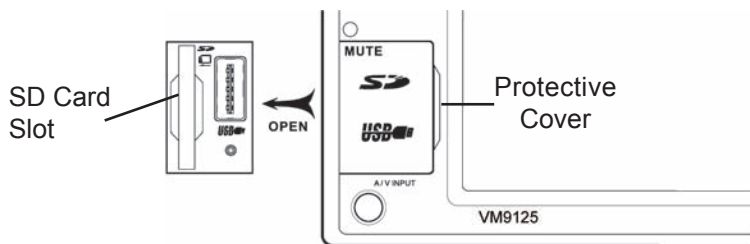


The VM9125 player will only recognize three folder levels and does not display folders containing only other folders. In the example above, the unit will display folders 3, 4, 6, and 8, but not 2 and 7 since they do not contain any tracks directly. Folder 5 is not recognized at all since it is at the fourth level.

Inserting a USB/SD Card Device

NOTE: The USB/SD ports will recognize most USB/SD flash memory devices and portable hard drives. The unit supports 8GB SD cards however SD cards larger than 8GB may not be recognized. Portable hard drives (hard drives must be formatted to FAT32 and NTFS is not supported).

1. Locate the USB/SD connector on the front of the radio.

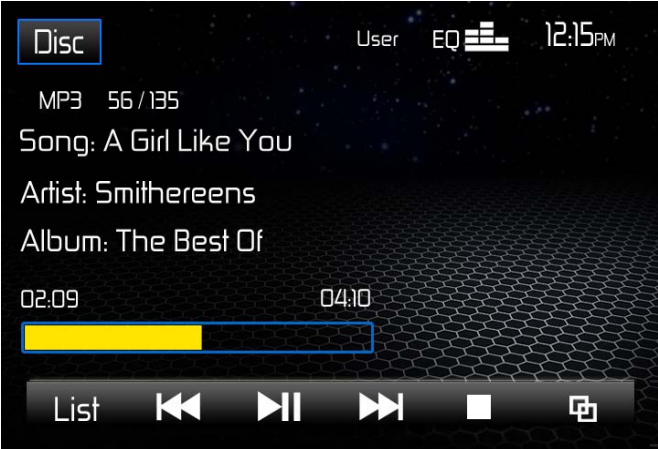


2. Lift the protective cover to reveal the USB/SD slots.
3. Insert the USB/SD device into the USB/SD connectors. The unit will read the audio/video files on the USB/SD device automatically.

To remove the USB/SD device, press the **SRC** button or use the SOURCE MENU to switch to another mode, and then remove the USB/SD device from the connector.

MP3/WMA TFT Display










The on-screen indicators and touch key areas for MP3/WMA playback are outlined below.



Menu
Page 1

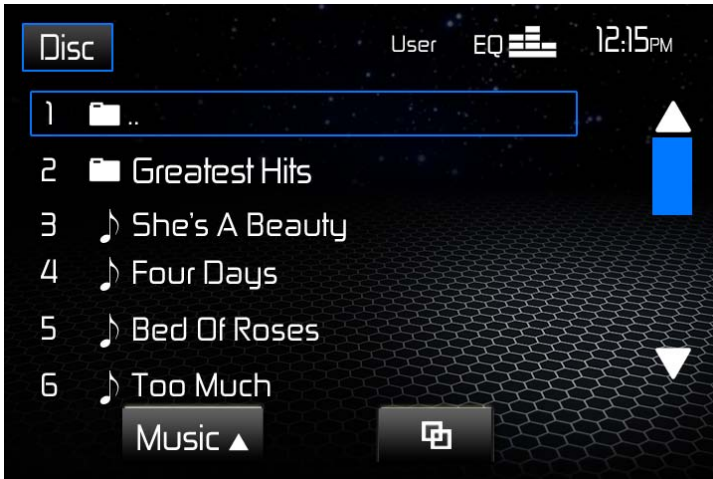


Menu
Page 2

1. **DISC**: Touch to view the SOURCE MENU and select a new playback source.
2. Repeat Play Indicator - This indicator is lit when the repeat mode is active.
3. Random Play Indicator - This indicator is lit when the random mode is active.
4. Equalizer setting indicator
5. **EQ** : Touch for quick access to the Equalizer level settings menu.
6. Toggle icon (): Touch to toggle between menu page 1 and menu page 2.
7. Stop () icon: Touch to stop MP3/WMA playback.
8. Next () icon: Touch to play the next track.
9. Pause/Play () icon: Touch to pause playback. Touch again to resume playback.
10. Previous () icon: Touch to play the previous track.
11. **List** icon: Touch to display the Playlist screen.
12. Playback Information Display: Displays song, artist, album and elapsed/total playing time of the current track playing.
13. Track Indicator: Displays the current track number playing and total number of tracks on disc/USB device.
14. Settings () icon: Touch to view the SETTINGS menu.
15. **EQ** icon: Touch for quick access to the Equalizer level settings menu.
16. Repeat () icon: Touch to alter repeat mode as follows: Repeat Single > Repeat Folder > Repeat All > Repeat Off
17. Random () icon: Touch to alter random mode as follows: Random On > Random Off

Playlist Screen

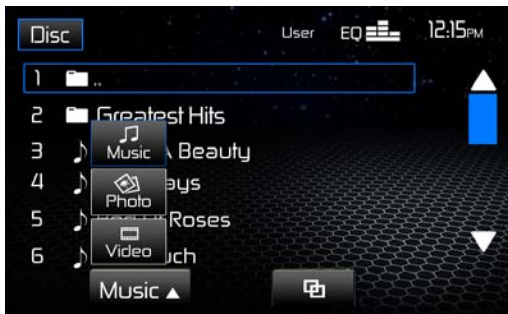
The Playlist screen allows you to directly search for music, video or photo files stored on your MP3 disc/USB device.



- Touch a folder to view the contents of the directory or touch a track title/file name to begin playback of that file.
- Touch ▲ to view the previous playlist page. Touch ▼ to view the next playlist page.
- Touch to return to menu page 1.

Search Playlist by File Type

1. Touch the MUSIC ▲ icon.



2. Touch "MUSIC," "PHOTO" or "VIDEO". The list of files that appear will be filtered by the type of file selected.

Controlling Playback

Inserting a Disc

Upon inserting a MP3/WMA disc, disc play begins. You cannot insert a disc if there is already a disc in the unit or if the power is off.

Ejecting a Disc

Press the ▲ button on the front of the unit to eject the disc. The unit automatically reverts to Tuner mode.

You may eject a disc with the unit powered off. The unit will remain off after the disc is ejected.

Resetting the Loading Mechanism

If the disc loads abnormally or an abnormal core mechanism operation occurs, press and hold the ▲ button to reset the loading mechanism. Normal operation resumes.

Playing MP3/WMA Files

After inserting a MP3/WMA disc, files will play in the sequence of the "Root" directory.

NOTE: When burning MP3 / WMA files onto a DVD disc, use the 2X or 4X burning option, if available. This slower burning speed will help eliminate buffer errors and increase disc reading reliability. Also, use folders when burning large numbers of songs / files to a disc for easy music navigation. Select the "Disc at Once" option and close your disc.

Stopping Playback

Touch the Stop (■) icon to stop playback.

To resume playback, touch the Pause/Play (▶||) icon.

Pausing Playback

Touch the Pause/Play (▶||) icon to suspend or resume playback.

Moving Through Tracks

Touch the Next (▶▶) icon to advance to the next track

Touch the Previous (◀◀) button to move to the previous track on the MP3 disc/USB device.

Repeat Playback

Touch the Repeat (↺) icon to alter repeat mode as follows: Repeat Single > Repeat Folder > Repeat All > Repeat Off

NOTE: CD-R and CD-RW will not play unless the recording session is finalized.

Random Play Select

Touch the Random (⌘) icon to play the tracks on the MP3 disc/USB device in a random, shuffled order. Touch the Random (⌘) icon again to cancel Random Play mode.

iPod® OPERATION

NOTE: Be sure your iPod® has the latest Apple firmware installed to avoid connectivity issues.

Accessing iPod® Mode

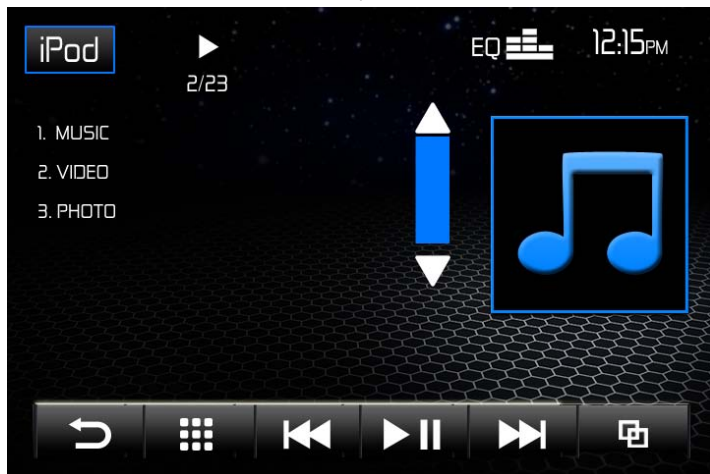
This unit is Made for iPod® and iPhone®. You can control your iPod® via touch screen to access Playlist, Artist, Albums, Songs, etc. Supported models include, but are not limited to the following:

- iPhone® 4S / 4 / 3GS / 3G and 1st Generation
- iPod®touch 4th / 2nd and 1st Generation
- iPod® nano 6th / 5th / 4th and 3rd Generation
- iPod® classic and iPod® with video







The unit will automatically switch to iPod® mode when an iPod®, iPod® touch or iPhone is plugged into the front USB connector.

NOTE: For basic iPod® connectivity, you can use the white 30-pin to USB iPod® cable that came with your Apple device . For iPod® video or photo playback, you must purchase the jLink-USB cable.

To return to the iPod® menu from any other source menu, touch **SRC** on the front panel until the iPod® menu appears on the screen, or choose the iPod® icon from the source menu (only available when an iPod® or iPhone® is connected to the USB connector)











The Search Screen allows you to search for music or video files stored in your iPod®/ iPhone®. Touch the Music list box to search for music grouped by playlists, artists, albums, songs, genres, composer or podcast. Touch the Video list box to search for videos grouped by movie, music videos, TV shows, video podcasts, rentals and video playlists. Photos are displayed by using the iPod®/iPhone® to control and select photos.

1. **iPod:** Touch to view the SOURCE MENU and select a new playback source
2. **▶ ||** Indicates whether media is playing or paused
3. **Dance:** Indicates the current equalizer setting
4. **EQ:** Touch for quick access to Equalizer level settings
5. Clock
6. **00.00.39:** Elapsed playing time for the current file
7. Repeat () icon: Indicates the repeat function is enabled
8. Random () icon: Indicates the random function is enabled
9. Toggle icon (): Touch to toggle between menu page 1 and menu page 2.
10.  Touch to view the SETUP menu
11. **EQ:** Touch for quick access to Equalizer level settings
12.  Touch to select a chapter/track directly using the on-screen display direct entry menu display
13.  Touch to return to a previous menu

Indicators/Controls

The on-screen indicators and touch key areas for iPod® playback are outlined below.

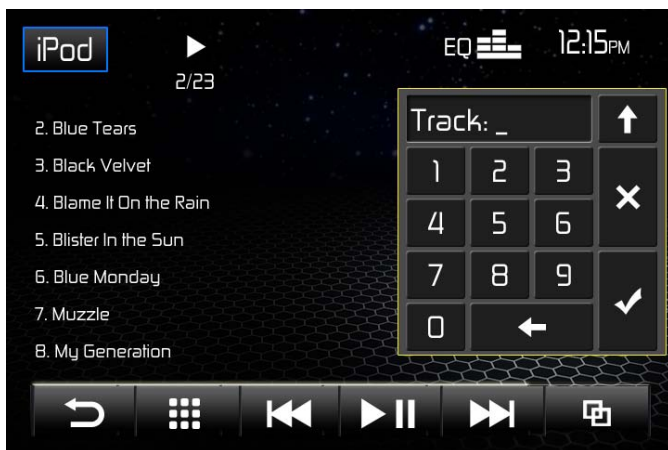



1. **iPod:** Touch to view the SOURCE MENU and select a new playback source
2. **▶ ||** Indicates whether media is playing or paused
3. **Rock:** Indicates the current equalizer setting
4. **EQ:** Touch for quick access to Equalizer level settings
5. Clock
6. Repeat () icon: Indicates the repeat function is enabled
7. Random () icon: Indicates the random function is enabled
8. **2/23:** File number and total number of files on the disc
9. Song title , album, and performing artist
10. **02:01:** Elapsed playing time and playback progress bar for current file
11. **4.20** Total laying time for current file
12. Preview Window: Displays album art, if available.
13. Repeat () icon: Touch to alter repeat mode as follows: Repeat Single > Repeat Folder > Repeat All > Repeat Off
14. Random () icon: Touch to alter random mode as follows: Random On > Random Off
15. Next () icon: Touch to play the next track.
16. Pause/Play () icon: Touch to pause playback. Touch again to resume playback.
17. Previous () icon: Touch to play the previous track.
18.  Touch to return to a previous menu

Controlling your iPod®

Touch the MENU button to access the main iPod® menu. Use the touchscreen to navigate the iPod® menus.

Direct Track Entry



To select a track directly, touch the  icon to display the direct entry menu. Touch to select a chapter/track directly using the direct entry menu by entering the desired track number. Touch the "check mark" to enter your selection. To exit the screen without changing the file, touch the **X**. To clear your entry and start over, touch the back arrow.

NOTE: To transmit the video from your iPod® to the VM9125 screen, you must set the following options through the iPod® video settings menu:

TV Out = On, TV Signal = NTSC, and Widescreen = On.

NOTE: After disconnecting your iPod®, the VM9125 will always return to the last mode accessed when the iPod® is plugged back into the unit

REAR CAMERA OPERATION

This unit is “camera ready.” Before accessing any camera features, you must install a rear video camera.

When the camera is not installed and the function is accessed by the gear selector being placed in reverse or by the unit’s menu, the message “VIDEO NOT DETECTED” will appear, indicating the function is not available.

When the camera is installed, the rear view image of what is behind the vehicle will appear when the vehicle is placed in reverse gear. When leaving reverse gear, the unit displays the previous screen.

The rear camera image can be adjusted from Normal to Mirror using the “Setup” menu (“see Hardware Sub-menu Features”).

TROUBLESHOOTING

Table 4: Troubleshooting

| Problem | Cause | Corrective Action |
|---------------------------------------|--|--|
| GENERAL | | |
| Unit will not power on | Radio Fuse blown | Install new fuse with correct rating |
| | Car battery fuse blown | Install new fuse with correct rating |
| | Illegal operation | Press the RESET button located in the bottom right corner of the front panel |
| No/low audio output | Improper audio output connection | Check wiring and correct |
| | Volume set too low | Increase volume level |
| | Improper "MUTE" connection | Review wiring diagram and check "MUTE" connection |
| | Speakers damaged | Replace speakers |
| | Heavily biased volume balance | Adjust the channel balance to the center position |
| | Speaker wiring is in contact with metal part of car | Insulate all speaker wiring connections |
| Poor sound quality or distortion | Pirated disc is in use | Use original copy |
| | Speaker power rating not compatible with unit | Connect proper speakers |
| | Speaker is shorted | Check speaker contact |
| Unit resets itself when engine is off | Incorrect connection between ACC and positive battery wire | Check wiring and correct |

| Problem | Cause | Corrective Action |
|--|---|--|
| TFT Monitor | | |
| No image | Incorrect connection to parking brake wire | Check wiring and correct |
| | Parking brake is not engage | Stop vehicle in safe place and apply parking brake |
| Flashing image or interference appears on screen | DVD is not compatible with current TV system settings | Change setup to accommodate disc |
| | Improper video signal connections | Check wiring and correct |
| Prolonged image or improper height/width ratio display | Improper aspect ratio setup | Use correct aspect ratio setting |
| TUNER | | |
| Weak station searching | Auto antenna is not fully extended | Connect the auto antenna control cable properly |
| | Auto antenna not properly connected | Connect the auto antenna control cable properly |
| | LOCAL function is activated | Turn LOCAL function off |
| DISC | | |
| Cannot insert disc | Disc already inside unit | Eject current disc and insert new one |
| Image blurred, distorted or dark | Disc is illegally copied | Use original disc |

| Problem | Cause | Corrective Action |
|--|--|--|
| Disc does not play back | Disc is warped or scratched | Use disc in good condition |
| | Disc is dirty or wet | Clean disc with soft cloth |
| | Laser pickup is dirty | Clean laser pickup with cleaning disc |
| | Incompatible disc is used | Use compatible disc |
| | Disc rating exceeds Parental Lock rating limit | Change Parental Lock settings to lower restriction |
| | Disc region code is not compatible with unit | Use disc with proper region code |
| | Disc is inserted upside down | Insert disc with label side up |
| PBC cannot be used during VCD playback | PCB is not available on the disc | |
| No repeat or searching while playing VCD | PCB is on | Turn PCB off |
| MP3 | | |
| Interruption occurred during playback | Disc is dirty or scratched | Clean disc or replace |
| | File is damaged/bad recording | Recreate disc with good files |

Error Messages

Table 5: Error Messages

| Message Displayed | Cause | Corrective Action |
|-------------------|--|---|
| Loading | Disc is being read | |
| No Disc | Disc is dirty | Clean disc with soft cloth |
| | Disc is upside down | Insert disc with label side up |
| | Disc not present in loading compartment | Insert disc |
| Bad Disc | Disc is dirty | Clean disc with soft cloth |
| | Disc is upside down | Insert disc with label side up |
| Unknown disc | Disc format is not compatible with this unit | |
| Region Error | DVD is not compatible with region code of unit | |
| Error | Illegal mechanism operation | Press EJECT key for 5 seconds to reset loading mechanism |

Care and Maintenance

1. Use only a clean silicone cloth and neutral detergent to clean the front panel or monitor. A rough cloth and non-neutral detergent (such as alcohol) may result in scratching or discoloration.
2. Do not get water or cleaning fluids on the unit.
3. If the temperature inside the player gets too hot, a protective circuit automatically stops play of the disc. If this occurs, allow the unit to cool before operating the player again.
4. Never insert anything other than a 5" (12 cm) compact disc into the player as the mechanism can be damaged by foreign objects.
5. Do not attempt to use a 3" (8 cm) CD-Single disc in this unit, either with or without an adaptor, as damage to the player and/or disc may occur. Such damage is not covered by the Warranty on this product.
6. The CD player may not operate properly in extreme hot or cold. If such conditions occur, allow the interior of the vehicle to reach a normal temperature before using player.
7. When the vehicle warms up during cold weather or under damp conditions, condensation may appear on the LCD panel. Should this occur, the screen will not operate properly until the moisture has evaporated.
8. We suggest you use a cleaning disc in this unit more frequently than in the unit in your home due to the environmental conditions of the vehicle.

SPECIFICATIONS

DVD/CD Player

Compatible Disc Media: DVD + R / RW (Single and Dual Layer) and CD-R / RW

Compatible Media Formats: CD-DA, MP3, WMA, VCD, SVCD, Xvid, AVI, MPEG 1/2

Signal to Noise Ratio: >95dBA

Dynamic Range: >95dB

Frequency Response: 20Hz to 20 kHz, -3dB

Channel Separation: > 60dB @ 1 kHz

D/A Converter: High performance 24-bit / 192 kHz sample rate, Multi-Bit Sigma-Delta Modulator

Video

Format: NTSC, PAL (auto-detection)

Output: 1Vp-p (75-ohm)

Input: 1Vp-p (75-ohm)

FM Tuner

Tuning Range: 87.5MHz - 107.9MHz

Mono Sensitivity (-30dB): 9dBf

Quieting Sensitivity (-50dB): 15dBf

Alternate Channel Selectivity: 70dB

Signal to Noise Ratio @ 1 kHz: 58dB

Image Rejection: 80dB

Stereo Separation @ 1 kHz: >30dB

Frequency Response: 30Hz - 15 kHz, -3d

AM Tuner

Tuning Range: 530 kHz - 1720 kHz

Sensitivity (-20dB): 15uV

Signal to Noise Ratio @ 1 kHz: 50dB

Image Rejection: 60dB

Frequency Response: 50Hz - 2 kHz, -3dB

Monitor

Screen Size: 6.2" (Measured diagonally), 16:9 Widescreen

Screen Type: TFT Liquid Crystal Display (LCD) active matrix

Resolution: 1,152,000 sub pixels, 800x3 (W) X 480 (H)

General

Auxiliary Input impedance: 10k

Power Supply: 11 to 16VDC, negative ground

Power Antenna (Blue): 500mA max, current limited protection

Amplifier Remote (Blue/White): 500mA max, current limited protection

Operating Temperature: -20C ~ 65C

Fuse: 15-amp, mini ATO type

DIN chassis dimensions: 7" X 7" X 4" (178mm x 178mm x 100mm)

CEA Power Ratings



Power Output: 13 Watts RMS x 4 channels into 4-Ohms @ < 1% THD+N

Signal to Noise Ratio: 70dBA below reference (Reference: 1 Watt, 4-Ohms)

Frequency Response: 20 Hz - 20 kHz, -3dB. (Aux Input used as reference input)

Reference Supply Voltage: 14.4VDC

*Specifications subject to change without notice

NOTES



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VM9125 Common Replacement Parts

| | |
|--|----------|
| Owner's Manual, Install Manual and Quick Start Guide | 30613590 |
| Wire Harness | 30313590 |
| Trim Rings (Main and Secondary- Packaged Together) | 30413590 |
| Sleeve and Mounting Brackets | 30113070 |
| Hardware Bag | 30513070 |
| Parking Wire | 38213030 |

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