JENSEN®

VM9026
Operating Instructions

VM9026

MENU

VOL

AV INPUT

JENSEN

🏠 Radio   12:30PM   EQ

FM1   Stereo
Dx

PTY:Rock   PS:Today's Hit Music

98.05 MHz

SEEK

◄   ►

○P1	⊙P2	○P3	○P4	○P5	○P6
87.50	90.10	98.05	103.5	104.9	106.8

BAND   SCAN   ◄◄   LO/DX   ►►   AS   RDS

160 watts peak
40W x 4

VM9026

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 VM9026 Mobile Multimedia Receiver for maximum enjoyment.

FEATURES

Congratulations on your purchase of the Jensen VM9026 Mobile Multimedia Receiver. It's a good idea to read all of the instructions before beginning the installation. We recommend having your Jensen VM9026 installed by a reputable installation shop.

DVD

- Fast Forward/Reverse - 2X, 4X, 8X and 16X
- Play, Pause, Stop, Next Chapter and Previous Chapter

CD / MP3 / WMA

- ID3 Tag Compatible
- Directory Search (MP3 / WMA Only)
- Random, Repeat and Intro
- Play, Pause, Stop, Next Track and Previous Track

AM-FM

- USA / Europe / S. America
- 30 Station Presets (18 FM / 12 AM)
- Auto Stereo / Mono
- Local / Distance
- Auto Store / Preview Scan

iPod®/iPhone® Input

- iPod®/ iPhone® via USB
- High Speed Direct Connect Interface to Access iPod® Playlists, Artists, Genres, Albums and Songs. Play music and view *video files from your iPod®. *Video 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 Screen
- 1,152,000 Sub Pixels (800x3 X 480)
- Beep Tone Confirmation (ON-OFF Option)

General

- Two Video Outputs
- Two-Band Tone control (Bass and Treble) with Five Preset EQ Curves
- Front Panel A/V Aux Input for Portable Media Devices
- Rear Subwoofer Line Output
- Rear Camera Input (Normal and Mirror Image View)
- Touch Screen Calibration Mode
- 2VRMS Line Output - All Channels
- Rotary Audio Control
- Steering Wheel Control (SWC) option (Requires PAC SWI-PS Interface Adapter sold separately).

Parking Brake Inhibit

- When the Pink "Parking" wire is connected to the vehicle Parking Brake circuit, the Screen will only display video when the Parking Brake is engaged.

Optional Equipment

Rear Camera

The VM9026 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.

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

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

CONTROLS AND INDICATORS
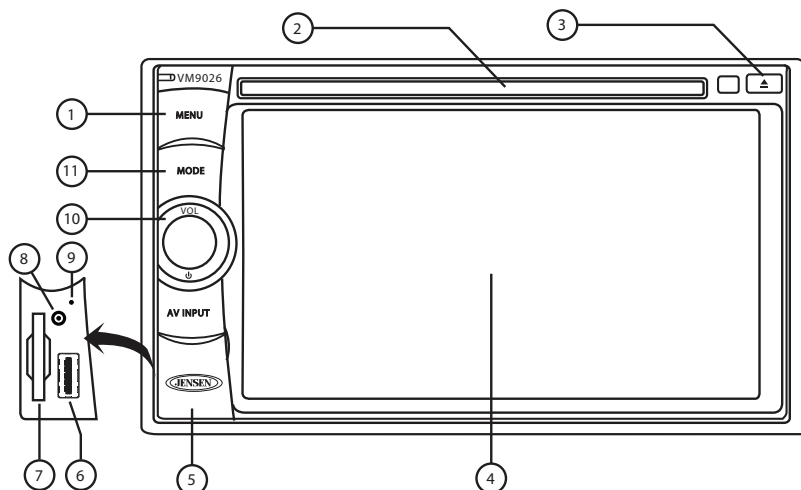
1. **MENU**
   Press to access the MAIN Menu.
2. **Disc Slot**
   Insert CD or DVD for playback of music/video files.
3. **EJECT**
   Press to eject a disc.
4. **TFT SCREEN**
5. **AV INPUT COVER**
   Protect the USB Port and SD Interface Slot when not in use.
6. **USB PORT**
   Connect a USB device for playback of music/video files.
7. **SD INTERFACE SLOT**
   Insert an SD card for playback of music/video files.
8. **A/V MEDIA ADAPTER CABLE PORT**
   Insert A/V Cable connector for playback of music/video files from an compatible external device.
9. **SYSTEM RESET**
   Press to reset system settings back to factory default settings.
10. **POWER ON/OFF and VOLUME UP/DOWN/MUTE BUTTON (⏻)**
    Press and hold to turn the unit ON and OFF. Rotate to adjust the output volume UP or DOWN. Press to activate the MUTE function and silence the audio output. Press again to restore sound.
11. **MODE**
    Press to select system mode (Radio/Disc/Aux-F/Aux-R/SD/USB/Camera)

OPERATING INSTRUCTIONS

Power ON / OFF

Press the rotary Power button ⏻ to turn the unit ON. The buttons on the front of the unit light up and the current mode status appears on the Screen. Press and hold the Power button again to turn the unit OFF.

Audible Beep Confirmation

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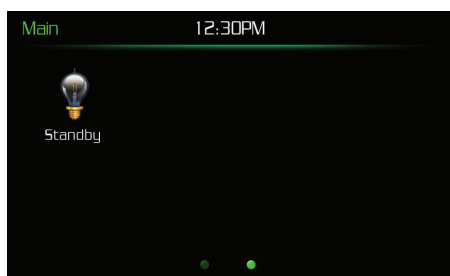
Mute

Press the rotary Power button to mute the volume from the unit. Press the rotary Power button again to restore the volume. The system volume level bar will be displayed on the Screen indicating the volume is muted. Adjusting the volume or using any of the audio setup features cancels the mute function.

Playing Source Selection

MAIN Menus

Screen 1 of 2	Screen 2 of 2

You can use the touch screen to change the source through the MAIN Menu. To access the MAIN Menu, touch the 🏠 at the top left corner of the screen or press the MENU button. Touch the RADIO, DISC, AUX-F, AUX-R, SD, USB, CAMERA to select the corresponding source.

External Devices

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

Right Audio ①
Left Audio ②
Ground ③
Video ④

3.5mm A/V Cable (not included)
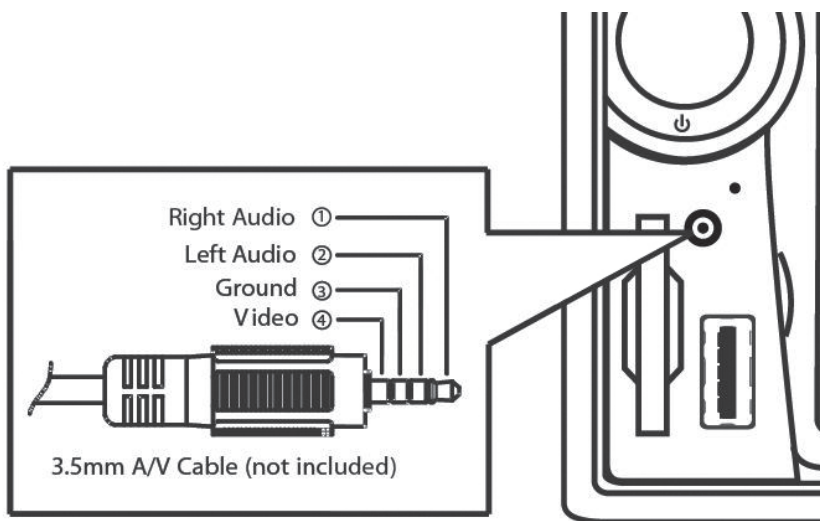
Connect an external device to the A/V Media Adapter Cable and plug the cable into the A/V INPUT connector on the front of the radio. Select "AUX-F" mode to access auxiliary devices. You cannot directly control external devices connected to the A/V INPUT.

Volume Adjustment
Volume Increase/Decrease

To increase or decrease the volume level, rotate the rotary Power / Volume button. The volume level ranges from "0" (mute) to "50" (maximum). While adjusting the volume, the system volume level bar will be displayed on the screen indicating the volume level for 5 seconds.

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.

SETUP MENU

To access system settings, press the Menu button to display the MAIN Menu, then touch ✿ SETUP on the screen to enter the SETUP Menu. The SETUP Menu appears.

⌂ Setup	12:30PM	
Clock	Clock ◀ 00 ▶ ◀ 00 ▶	
General	Am/Pm AM	
Audio	Clock Mode 12	
Video		
Other		

Accessing Menu Items

Touch one of the five Sub-Menus (Clock, General, Audio, Video, and Other) to make adjustments to a desired feature. 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.
2. Touch the option field for the feature you want to adjust. The feature option is updated when adjustments are complete.

Clock Sub-Menu Features

Table 2: Clock Sub-Menu Adjustments

Setting	Options	Function
Clock	(HH:MM)	Clock appears in the middle on top of the screen during certain operations. *NOTE: The AM/PM indication will change as you continue to adjust the hour past 12 if 24Hr mode is set.*
AM/PM	AM or PM	This option is used when setting the clocks time manually
Clock Mode	12Hr	Clock displays 12 hour time using AM and PM.
	24Hr	Clock displays 24 hour time up to 23:59

To exit the Clock Sub-Menu:

• Press the Menu button once to enter the MAIN Menu, press the MENU button twice to return to the previous screen.
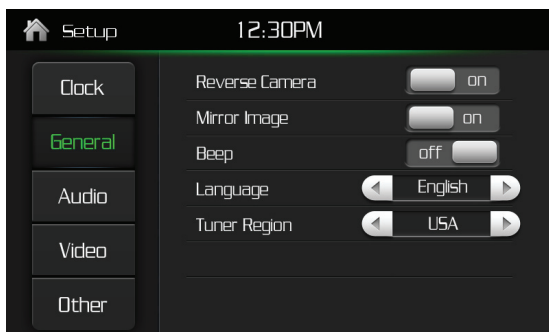
7

General Sub-Menu Features

Table 3: General Sub-Menu Adjustments

Setting	Options	Function
Reverse Camera	OFF or ON	Camera image is reversed as if look through a rearview mirror.
Mirror Image	OFF or ON	Image can be viewed as normal or mirror.
Beep	OFF	No beep sounds.
	ON	When turned on, an audible beep tone confirms each function selection.
Language	English or Spanish	Provides for language selection
Tuner Region	USA	• 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
	Europe	• 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
	S.Amer1	• 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

To exit the General Sub-Menu:
  • Press the Menu button once to enter the MAIN Menu, press the Menu button twice to return to the previous screen.

Audio Sub-Menu Features

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

⌂ Setup	12:30PM	

Clock	Fader	◄ 00 ►
	Balance	◄ 00 ►
General	Bass	◄ 00 ►
Audio	Treble	◄ 00 ►
	Subwoofer	◄ 00 ►
Video	EQ	◄ Pop ►
Other	Loudness	off

Table 4: Audio Sub-Menu Adjustments

Setting	Adjustable Range	Function
Fader	00 to +7F 00 to +7R	Balances the audio output levels between the front and back side of the vehicle. Touch the ◄ or ► button to change the setting.
Balance	00 to +7L 00 to +7R	Balances the audio output levels between the left and right side of the vehicle. Touch the ◄ or ► button to change the setting.
BASS	-7 to +7	Reduces or increases the bass frequency sound level. Touch the ◄ or ► buttons to adjust the settings.
TREBLE	-7 to +7	Reduces or increases the high frequency sound levels. Touch the ◄ or ► buttons to adjust the settings.
Subwoofer	-7 to +7	Reduces or increases the subwoofer sound level. Touch the ◄ or ► buttons to adjust the settings.
(EQ) Equalizer Presets	User Jazz Pop Class Rock	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.*
Loudness	OFF or ON	Increases and decreases the power amplification of the audio playback tone

To exit the Audio Sub-Menu:
• Press the Menu button once to enter the MAIN Menu, press the Menu button twice to return to the previous screen.

Video Sub-Menu Features

Table 5: Video Sub-Menu Features

Setting	Options	Function
Aspect Ratio	4:3 or 16:9	Adjust the screen aspect ratio for viewing video.
TFT Backlight	-5 to +5	Adjust the backlight brightness of the screen.
Brightness	-5 to +5	Adjust the brightness of the screen.
Contrast	-5 to +5	Adjust the contrast of the screen.

To exit the General Sub-Menu:
- Press the Menu button once to enter the MAIN Menu, press the Menu button twice to return to the previous screen.

Other Sub-Menu Features

Table 6: Other Sub-Menu Features

Setting	Options	Function
TS Calibrate	OK	Use to set parameters of touch screen to ensure that when screen touched, it will correspond to the feature the user is selecting.
Load Factory Settings	OK	Restores the unit to factory settings.
Version	OK	Displays a screen which lists software version for the unit.

To exit the General Sub-Menu:

- Press the Menu button once to enter the MAIN Menu, press the Menu button twice to return to the previous screen.

Touch Calibrate (Screen Calibration)

To access the "Screen Calibration" function from the SETTINGS MENU, select the "Other" and then the "Touch Calibrate" option.

After entering Touch 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 and the Setup Menu appears.
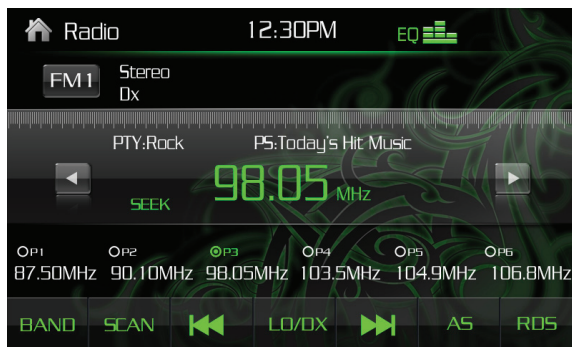
To exit the Setting Menu
- Press the Menu button once to enter the Main Menu, press the Menu button twice to return to the previous screen.
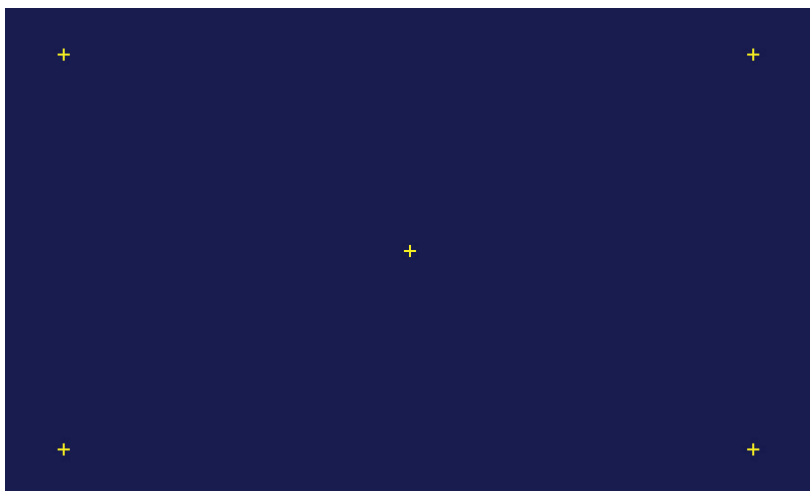
RADIO TUNER OPERATION
Radio Tuner Screen

1. **MAIN MENU ( ):** Touch to view the MAIN MENU and select a new playback source
2. **CLOCK:** Displays time in 12 hour AM/PM or 24 hour conventions as preset in Setup Menu.
3. **EQ ( ):** Touch for quick access to Equalizer level settings
4. **AM/FM BAND INDICATOR:** Current radio band indicator
5. **Dx/Loc:** Signal Strength setting indicator (Distant or Local broadcasting)
6. **STEREO:** Stereo broadcasting indicator
7. **PTY:** Displays the program category of the current station such as (News, Sports, Rock, Talk, etc.)
8. **PS:** Indicates the current song title, current song title, performing artist and station call letters
9. **PREVIOUS (◄):** Touch to tune backward one step
10. **SEEK:** Indicates that the radio is in Scan Mode
11. **RADIO FREQUENCY INDICATOR**
12. **NEXT (►):** Touch to tune forward one step
13. **STATION PRESETS:** Touch to choose between six preset stations
14. **AM/FM BAND SELECTOR:** Touch to change between AM/FM bands. (AM1, AM2 and FM1, FM2, FM3 each consist of six preset station options)
15. **SCAN:** Touch to scan all stations available, stopping for 8 seconds at each and continuing until a station is selected
16. **SEEK BACK (◄◄):** Touch to seek backward
17. **LO/DX:** Touch to select Local or Distant broadcasting frequencies
18. **SEEK FORWARD (►►I)** Touch to seek forward
19. **AS:** Touch and release to automatically scan preset stations. Press and hold for three seconds to automatically search and replace six preset stations with new strong signals presets.
20. **RDS (Radio Data System):** Touch to adjust and set the clock time (CT) and Program Type (PTY) between genres of music, talk, news, etc.

Seek Next Station

Touch the ◄ icon on the screen to seek the next lower frequency station.
Touch the ► icon on the screen to seek the next higher frequency station.

Using Preset Stations

Six numbered preset buttons store and recall stations for each band. All six stored stations (**P1, P2, P3, P4, P5,** and **P6**) for the current band appear on the screen.

Selecting FM/AM Band

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

Preview Scan (SCAN)

To scan the AM or FM band for a preview of available stations in your particular area, touch the SCAN icon on the screen. The scan function will play the first 8 seconds of each station. When a desired station is reached, touch SCAN icon again to stop preview scanning. Play of the selected station will continue.

Seek Next Best Signal

To seek the next higher station with the best signal, touch the ▶▶ icon.
To seek the next lower station with the best signal, touch the ◄◄ icon.

Local/Distant Radio Station Seeking

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 LO/DX icon on the screen to turn the local function ON or OFF. When the Local function is active, "Loc" will appear on the screen. When the Distant function is active, "Dx" will appear on the screen.

Auto-Store (AS)

This feature has two functions, scan preset stations or store stations.
- Press and hold the AS icon for three seconds to automatically select and store six strong stations in the current band. 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.

• Touch the AS icon to scan the six preset stations previously stored.

RDS Settings

This feature has two functions, setting Clock Time (CT) and Program Type (PTY).

• **CT:** (Clock Time) 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.

• **PTY:** (Program Type) This feature allows the user to select and set genres of music, talk, news, etc. that the radio will scan for automatically. There are 27 options to select from.

DVD/VCD VIDEO OPERATION

Warning-It is illegal to view video while driving or operaing a motor vehicle.
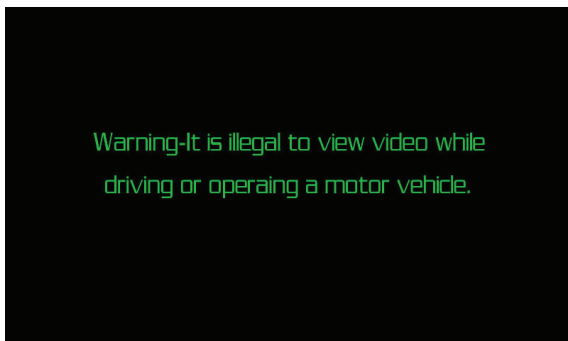
NOTE: *When properly installed, DVD video cannot be displayed on the main screen unless the parking brake is applied. If you attempt to play a DVD while the vehicle is moving, the screen displays the above warning:*

Controlling Playback

To access the on-screen controls, touch the bottom of the screen while a DVD/VCD is playing to view, select or set video playback controls. There are three video control menu bars (1/3, 2/3 and 3/3). To access each video control menu bar, touch the first box in the menu bar to the left.

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

1. **MAIN MENU (⌂)** Touch to view the MAIN MENU and select a new playback source
2. **MODE:** Indicates that unit is in DVD-V viewing mode.
3. **TRACK (T) and CHAPTER (C):** Touch to select and manually set a Track or Chapter directly using the on-screen display.
4. **⬛ MENU SELECT:** Touch to select one of the three DVD/VCD Menu Control bars (1/3, 2/3 or 3/3).

DVD/VCD Menu Control Bar 1/3

5. **1/3:** Touch to select one of the three DVD/VCD Menu Control Bars.
6. **REPEAT PLAY (⟳):** Touch to alter repeat mode in the following sequence:
   • DVD: Repeat Chapter, Repeat Title, Repeat Off, Repeat All.
   • VCD (PBC Off): Repeat Single, Repeat Off, Repeat All.
7. **FAST REVERSE (◄◄):** Touch to fast reverse "x2" to "x4", "x8", and "x16" times the normal playback speed of the DVD/VCD.
8. **FAST FORWARD (►►):** Touch to fast forward "x2" to "x4", "x8", and "x16"times the normal playback speed of the DVD/VCD.
9. **PLAY/PAUSE (►❙❙):** Touch to begin playback. Press the icon again to pause playback.
10. **STOP (■):** Touch to stop DVD/VCD playback.

DVD/VCD Menu Control Bar 2/3

11. **2/3 :** Touch to select one of the three DVD/VCD Menu Control Bars.
12. **SHUFFLE (⤬):** Touch to play chapters in random order during disc playback.
13. **PREVIOUS CHAPTER (◄◄):** Touch to move to previous chapter.
14. **NEXT CHAPTER (►►):** Touch to advance to the next chapter on the DVD/VCD.
15. **TITLE:** Touch to select a different title for playback.
16. **DISC MENU:** Touch to display the DVD/VCD root menu.

DVD/VCD Menu Control Bar 3/3

17. **3/3 :** Touch to select one of the three DVD/VCD Menu Control Bars.
18. **ZOOM (🔍):** Touch to zoom in or out during playback.
19. **LANGUAGE (🎵):** Touch during playback to select to select the audio language.
20. **SUBTITLE (▥):** Touch during playback to select the subtitle language if the disc is recorded in multiple languages.
21. **ANGLE (▤):** Touch to view angles if the DVD contains scenes shot from different angles.
22. **REPEAT SELECTION (A-B):** Touch to repeat a specific portion from point A to point B of the DVD disc.

Inserting a DVD/VCD

Insert disc gently label side facing up (do not push disc, the unit will pull the disc in). The unit will detect the disc and will automatically begin playback.

> *NOTE: 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 DVD/VCD

Press the EJECT (▲) button on the front of the unit to eject the disc. The unit will automatically revert to RADIO 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 the EJECT (▲) button to reset the loading mechanism. Normal operation will resume.

Accessing DVD Mode (when in a different mode)

To switch to DVD mode from a different mode when a disc is already inserted, press the MENU button on the front of the unit to access the MAIN Menu. When the MAIN Menu appears, touch the DISC icon.

Direct Track / Chapter Selection

To select and set a track/chapter directly, touch the track or chapter displayed at the top of the screen to enter the direct entry menu. When a selection is entered, touch "OK" to return to the Track or Chapter playing. The word "GOTO" will appear on the screen while the Track or Chapter is changing.
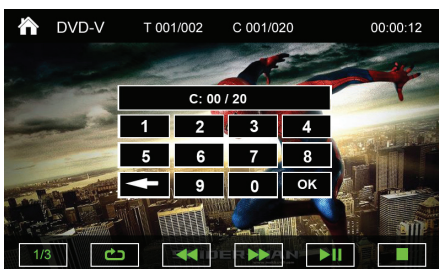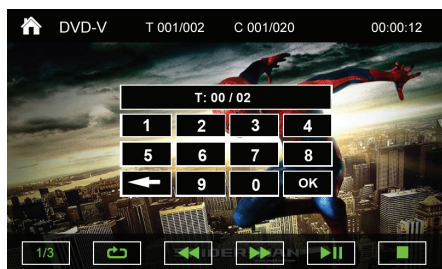
To exit the screen without changing the chapter, touch outside of the menu area. To clear an entry and start over, touch the back arrow.

Repeat Playback

Touch the REPEAT (⟲) icon on the first control menu page once 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 repeat the disc all.

Touch the icon a fourth time to turn the repeat function OFF.

Fast Reverse

Touch the FAST REVERSE **(◄◄)** icon on the first control menu page once to reverse playback of the disc two times faster (x2) than normal playback speed. Keep touching and releasing the icon to increase the rate from "x2" to "x4", "x8", and "x16". Touch the icon again to resume normal play of the DVD/VCD.

Fast Forward

Touch the FAST FORWARD **(►►)** icon on the first control menu page once to forward playback of the disc two times faster (x2) than normal playback speed. Keep touching and releasing the icon to increase the rate from "x2" to "x4", "x8", and "x16". Touch the icon again to resume normal play of the DVD/CD.

Play/Pause

Touch the PLAY/PAUSE **(►❚❚)** icon on the first control menu page when disc is loaded to begin playback. During playback of the disc touch the icon again to pause and once again to resume playback.

Stop

Touch the STOP **(■)** icon on the first control menu page to stop the playback of the disc.

Shuffle

Touch the SHUFFLE **(⤨)** icon on the second control menu page to play chapters in random order during DVD/VCD playback. Touch the icon again exit Shuffle mode.

Previous Chapter

Touch the PREVIOUS CHAPTER **(I◄)** icon on the second control menu page to move to previous chapter.

Next Chapter

Touch the NEXT CHAPTER **(►I)** icon on the second control menu page to advance to the next chapter on the DVD.

Title

Touch the TITLE icon on the second control menu page to select a different title for playback. Select a title using the touch screen.

Disc Menu

Touch the MENU icon on the second control menu page to recall the DVD/VCD root menu.

ZOOM

Touch the ZOOM **(🔍)** icon on the third control menu page to zoom in or out during playback.

LANGUAGE

Touch the LANGUAGE (🎵) icon on the third control menu page during playback 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.

Subtitle

Touch the SUBTITLE (▦) icon on the third control menu page 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. Languages will vary from disc to disc.

Angle

Some DVDs contain scenes that have been shot simultaneously from different angles. For discs recorded with multiple angles touch the ANGLE (📹) icon on the third control menu page to toggle available angles of the on-screen image.

Section Repeat (A-B)

Touch the SECTION REPEAT (**A-B)** icon on the third control menu page to define a specific area of a disc to repeat.

- Touch **A-B** on the third 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.

VM9026

General Disc Information

Table 7: Disc Properties

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

Table 8: Disc Symbols

Symbol	Meaning
(8))	Number of voice languages recorded. The number inside the icon indicates the number languages on the disc (maximum of 8).
32	Number of subtitle languages available on the disc (maximum of 32).
9	Number of angles provided (maximum of 9).
16:9 LB	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.
(globe)	Indicates the region code where the disc can be played. • 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

CD AUDIO OPERATION

To access the on-screen controls, touch the icons at the bottom of the screen while a CD is playing, select or set playback controls.
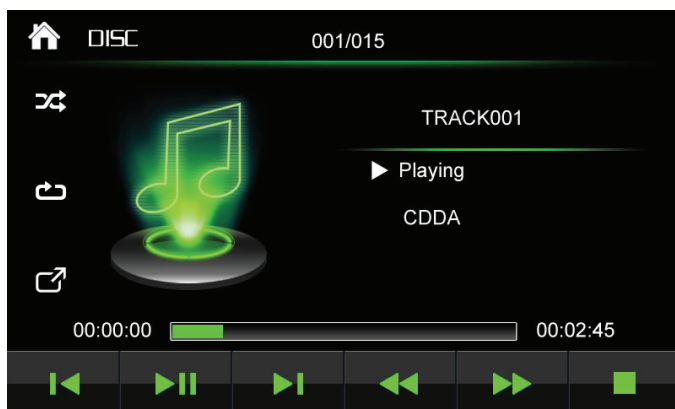
Media Requirements

The VM9026 will play music or other audio files from the following disc media:

- CD-DA
- CD-R/RW

Upon inserting a CD the track number and playing time appear on the screen.

1. **MAIN MENU ( ):** Touch to view the MAIN MENU and select a new playback source.
2. **MODE:** Indicates that unit is in DISC playback mode.
3. **TRACK INDICATOR:** Displays the current track number playing and total number of tracks on the CD.
4. **SHUFFLE ( ):-** This indicator is lit when the random mode is active.
5. **REPEAT ( ):** This indicator is lit when the repeat mode is active.
6. **SOURCE MENU :** Touch to view the menu of the CD during playback
7. **ELAPSED TIME INDICATOR:** Displays the elapsed playback time (left side of time bar) and total time of the current track playing (right side of time bar).
8. **PREVIOUS TRACK ( ):** Touch to play the previous track.
9. **PLAY/PAUSE ( ):** Touch to begin playback. Press the icon again to pause playback.
10. **NEXT TRACK ( ):** Touch to advance to the next track on the CD.
11. **FAST REVERSE ( ):** Touch to fast reverse "x2" to "x4", "x8", and "x16" times the normal playback speed of the CD.
12. **FAST FORWARD ( ):** Touch to fast forward "x2" to "x4", "x8", and "x16"times the normal playback speed of the CD.
13. **STOP ( ):** Touch to stop CD playback.

Inserting a CD

Insert disc gently label side facing up (do not push disc, the unit will pull the disc in). The unit will detect the disc and will automatically begin playback.

> **NOTE:** *You cannot insert a disc if there is already a disc in the unit or if the power is OFF.*

Ejecting a CD

Press the EJECT (▲) button on the front of the unit to eject the disc. The unit will automatically revert to RADIO 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 the EJECT (▲) Button to reset the loading mechanism. Normal operation will resume.

Accessing CD Mode (when in a different mode)

To switch to CD mode from a different mode when a disc is already inserted, press the MENU button on the front of the unit to access the MAIN Menu. When the MAIN Menu appears, touch the DISC icon.

Direct Track Selection

To select and set a track directly, touch the track displayed at the top of the screen to enter the direct entry menu. When a selection is entered, touch "OK" to return to the track playing.
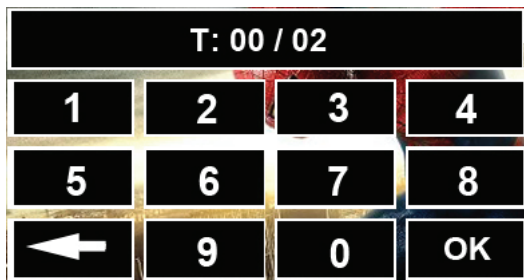
To exit the screen without changing the chapter, touch outside of the menu area**.** To clear an entry and start over, touch the back arrow.
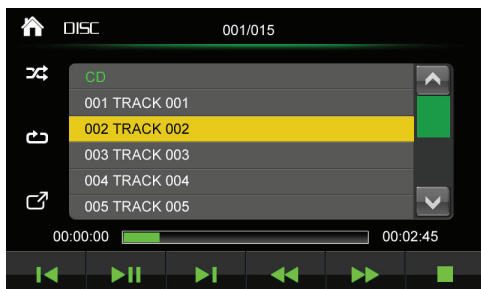
Shuffle

Touch the SHUFFLE **(⤬)** icon to play tracks in random order during CD playback. Touch the icon again exit Shuffle mode.

Repeat Playback

Touch the REPEAT (⟳) icon once during playback to repeat the current track. Touch the icon a second time to repeat the current title. Touch the icon a third time to turn the repeat function OFF.

Source Menu

Touch the SOURCE MENU (▨) icon to access the CD track menu to view or change tracks manually. Touch the icon a again to return to the playback of the current track.

⌂ DISC	001/015
🔀	CD
	001 TRACK 001
⟲	002 TRACK 002
	003 TRACK 003
	004 TRACK 004
☑	005 TRACK 005

00:00:00 ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ 00:02:45

|◄ ►❚❚ ►| ◄◄ ►► ■

Touch a track title (if available) or track number to begin playback of that track.

Touch ▲ to view the previous play list page. Touch ▼ to view the next play list page.

Elapsed Time Indicator

Displays the elapsed playback time (left side of time bar) and total time of the current track playing (right side of time bar).

Previous Track

Touch the PREVIOUS TRACK (|◄) icon to move to previous track.

Play/Pause

Touch the PLAY/PAUSE (►❚❚) icon when disc is loaded to begin playback. During playback of the disc touch the icon again to pause and once again to resume playback.

Next Track

Touch the NEXT TRACK (►|) icon to advance to the next track on the CD.

Fast Reverse

Touch the FAST REVERSE (◄◄) icon once to reverse playback of the disc two times faster (x2) than normal playback speed. Keep touching and releasing the icon to increase the rate from "x2" to "x4", "x8", and "x16". Touch the icon again to resume normal play of the CD.

Fast Forward

Touch the FAST FORWARD (►►) icon once to forward playback of the disc two times faster (x2) than normal playback speed. Keep touching and releasing the icon to increase the rate from "x2" to "x4", "x8", and "x16". Touch the icon again to resume normal play of the CD.

Stop

Touch the STOP (■)icon on the first control menu page to stop the playback of the disc.

PLAYING MP3/WMA
USING CD/DVD/SD/USB Device

Media and File Requirements
The VM9026 allows you to playback MP3 and WMA files recorded onto CD-R/RWs/ DVD+R/RWs/DVD-R/RWs/SD Cards/and USB Devices.

NOTE: *For CD-RWs, please make sure it is formatted using the full method and not the quick method to prevent illegal disc operation.*

NOTE: *For the greatest file capacity, Dual Layer DVD's can be used when burning music to a disc.*

MP3 Format Compatibility
File naming formats compatible with the VM9026 are known as ISO 9660 Standard, and are listed below:
- 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".

NOTE: *The VM9026 will recognize one folder level deep and 1000 songs / files in the ROOT directory of a disc / USB / SD card*

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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 lower left of the radio's front panel.

AUX-F PORT

SD SLOT

USB PORT
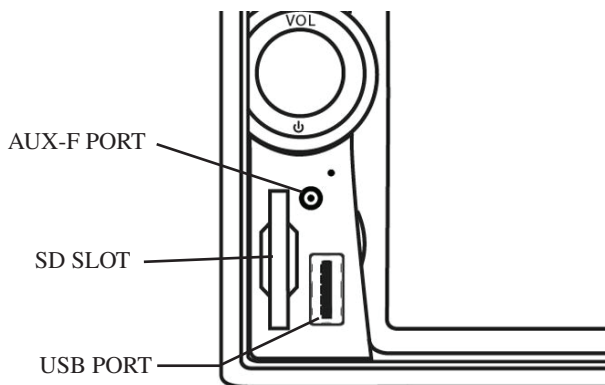
2. Lift the protective cover to reveal the USB/SD slots.
3. Insert the USB/SD device into the USB/SD connectors. The unit will read the audio/video files on the USB/SD device automatically.
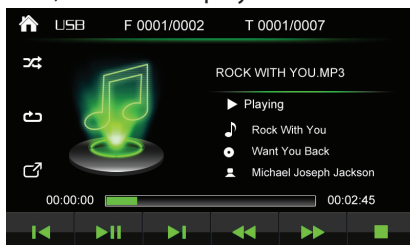
To remove the USB/SD device, press the MAIN menu button to switch to another mode, and then remove the USB/SD device from the connector.
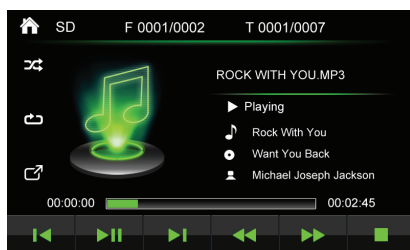
MP3/WMA Display

To access the on-screen controls, touch the icons at the bottom of the screen while playing tracks from a CD, USB Device of SD Card, select or set playback controls.
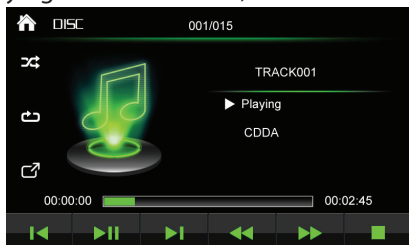
(CD) MP3/WMA Display

(USB) MP3/WMA Display

(SD) MP3/WMA Display

1. **MAIN MENU (⌂):** Touch to view the MAIN MENU and select a new playback source

2. **MODE:** Indicates that unit is in DISC/USB or SD playback mode.

3. **FOLDER:** Displays the current folder number playing and total number of folders.

4. **TRACK INDICATOR:** Displays the current track number playing and total number of tracks (if folders are available).

5. **SHUFFLE (⤨):** This indicator is lit when the random mode is active.

6. **REPEAT (⟳):** This indicator is lit when the repeat mode is active.

7. **SOURCE MENU :** Touch to view the SOURCE Menu during playback

8. **ELAPSED TIME INDICATOR:** Displays the elapsed playback time (left side of time bar) and total time of the current track playing (right side of time bar).

9. **PREVIOUS TRACK (◄◄):** Touch to play the previous track.

10. **PLAY/PAUSE (►❙❙):** Touch to begin playback. Press the icon again to pause playback.

11. **NEXT TRACK (►►❙):** Touch to advance to the next track.

12. **FAST REVERSE (◄◄):** Touch to fast reverse "x2" to "x4", "x8", and "x16" times the normal playback speed.

13. **FAST FORWARD (►►):** Touch to fast forward "x2" to "x4", "x8", and "x16" times the normal playback speed.

14. **STOP (■):** Touch to stop playback.

Controlling Playback

Inserting a CD-R/CD-RW/DVD+R/RW and DVD-R/RW
Insert the disc gently label side facing up (do not push disc, the unit will pull the disc in). The unit will detect the disc and will automatically begin playback.

> **NOTE:** *You cannot insert a disc if there is already a disc in the unit or if the power is OFF.*

Connecting a USB Device
Plug the USB Device cable into the USB Port. The unit will detect the USB Device and will automatically begin playback.

Inserting a SD Card
Insert SD Card label side facing toward the left (press the SD until it clicks and locks in-place).

Ejecting a CD
Press the EJECT (▲) button on the front of the unit to eject the disc. The unit will automatically revert to RADIO mode. You may eject a disc with the unit powered OFF. The unit will remain OFF after the disc is ejected.

Ejecting a SD Card
To eject the SD Card, press on the SD Card and it will spring outward. You may eject a SD Card with the unit powered OFF. The unit will remain OFF after the SD Card is ejected.

Direct Track Selection
To select and set a track directly, touch the track displayed at the top of the screen to enter the direct entry menu. When a selection is entered, touch "OK" to return to the track playing.
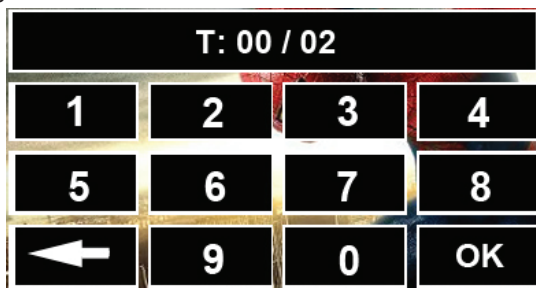
To exit the screen without changing the chapter, touch outside of the menu area**.** To clear an entry and start over, touch the back arrow.

Shuffle

Touch the SHUFFLE **(✕)** icon to play tracks in random order during playback. Touch the icon again exit Shuffle mode.

Repeat Playback

Touch the REPEAT (⊕) icon once during playback to repeat the current track. Touch the icon a second time to repeat the current title. Touch the icon a third time to turn the repeat function OFF.

Source Menu

Touch the SOURCE MENU (⊠) icon to access the track menu to view or change tracks manually. Touch the icon a again to return to the playback of the current track.

Touch a track title (if available) or track number to begin playback of that track.
Touch ▲ to view the previous play list page. Touch ▼ to view the next play list page.

Elapsed Time Indicator

Displays the elapsed playback time (left side of time bar) and total time of the current track playing (right side of time bar).

Previous Track

Touch the PREVIOUS TRACK (◄) icon to move to previous track.

Play/Pause

Touch the PLAY/PAUSE (►❚❚) icon when disc is loaded to begin playback. During playback, touch the icon again to pause and once again to resume playback.

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Next Track
Touch the NEXT TRACK (▶▶|) icon to advance to the next track.

Fast Reverse
Touch the FAST REVERSE (◀◀) icon once to reverse playback of the disc two times faster (x2) than normal playback speed. Keep touching and releasing the icon to increase the rate from "x2" to "x4", "x8", and "x16". Touch the icon again to resume normal play.

Fast Forward
Touch the FAST FORWARD (▶▶) icon once to forward playback of the disc two times faster (x2) than normal playback speed. Keep touching and releasing the icon to increase the rate from "x2" to "x4", "x8", and "x16". Touch the icon again to resume normal play.

Stop
Touch the STOP (■) icon on the first control menu page to stop the playback.

VIEWING JPEG FILES

JPEG files can be viewed from a SD Card, Disc or a USB device. JPEG images can be stored as individual images or in folders. The unit will display the root menu.

1. **MAIN MENU ( ):** Touch to view the MAIN MENU and select a new playback source
2. **MODE:** Indicates that unit is in JPG viewing mode.
3. **FOLDER (F):** Touch to select and manually set a image folder directly using the on-screen display.
4. **IMAGE TOTAL (T):** Touch to select an image directly using the on-screen display.
5. **IMAGE RESOLUTION ( ):** Displays the image resolution

JPG Menu Control Bar 1/2
6. **1/2:** Touch to select one of the two JPG Menu Control Bars.
7. **REPEAT PLAY ( ):** Touch to alter repeat mode in the following sequence:
8. **PREVIOUS CHAPTER ( ):** Touch to move to previous chapter.
9. **NEXT CHAPTER ( ):** Touch to advance to the next chapter on the JPG.
10. **PLAY/PAUSE ( ):** Touch to begin playback. Press the icon again to pause playback.
11. **STOP ( ):** Touch to stop JPG playback.

JPG Menu Control Bar 2/2
12. **2/2:** Touch to select one of the two JPG Menu Control Bars.
13. **SHUFFLE ( ):** Touch to play JPGs in random order during disc playback.
14. **ZOOM ( ):** Touch to zoom in or out during playback.
15. **ROTATE ( ):** Touch to rotate JPEG images.

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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, you must purchase the jLink-USB cable.*

iPod®/iPhone® OPERATION

To access the on-screen controls, touch the icons at the bottom of the screen while a iPhone®/iPod® is playing, select or set playback controls.
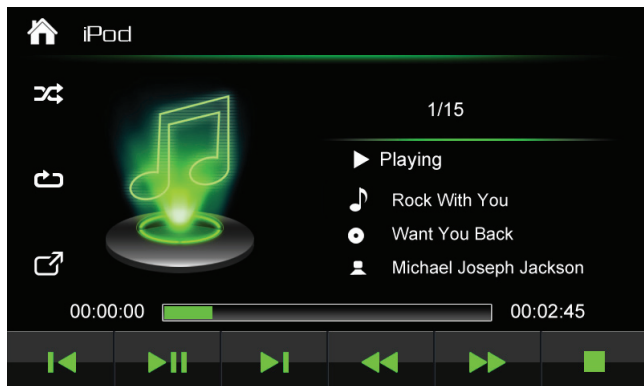
1. **MAIN MENU (⌂):** Touch to view the MAIN MENU and select a new playback source
2. **MODE:** Indicates that unit is in iPhone®/iPod® playback mode.
3. **SHUFFLE (⤫):** This indicator is lit when the random mode is active.
4. **REPEAT (⟳):** This indicator is lit when the repeat mode is active.
5. **SOURCE MENU :** Touch to view the SOURCE Menu during playback
6. **ELAPSED TIME INDICATOR:** Displays the elapsed playback time (left side of time bar) and total time of the current track playing (right side of time bar).
7. **PREVIOUS TRACK (◄◄):** Touch to play the previous track.
8. **PLAY/PAUSE (►❙❙):** Touch to begin playback. Press the icon again to pause playback.
9. **NEXT TRACK (►►❙):** Touch to advance to the next track.
10. **FAST REVERSE (◄◄):** Touch to fast reverse.
11. **FAST FORWARD (►►):** Touch to fast forward.
12. **STOP (■):** Touch to stop playback.

Shuffle

Touch the SHUFFLE **(⤨)** icon to play tracks in random order during iPhone®/iPod® playback. Touch the icon again exit Shuffle mode.

Repeat Playback

Touch the REPEAT (⤬) icon once during playback to repeat the current track. Touch the icon a second time to repeat the current title. Touch the icon a third time to turn the repeat function OFF.

Source Menu

Touch the SOURCE MENU (🖼) icon to access the iPhone®/iPod® track menu to view or change tracks manually. Touch the icon a again to return to the playback of the current track.
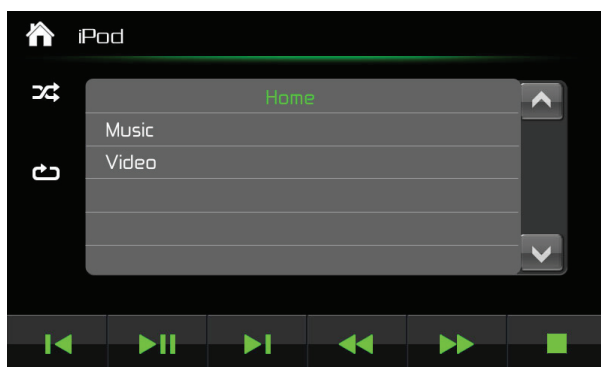
Touch a track title (if available) or track number to begin playback of that track.
Touch ▲ to view the previous play list page. Touch ▼ to view the next play list page.

The SOURCE Menu allows the user to select music or video files stored in the iPhone®/iPod®/iPod® touch/iPod® nano.

Touch the Music list box to view and select music grouped by playlists, artists, albums, genres, songs, composer or podcast. Touch the Video list box to view and select videos grouped by movie, music videos, TV shows, video podcasts and rentals and video play lists.

Elapsed Time Indicator

Displays the elapsed playback time (left side of time bar) and total time of the current track playing (right side of time bar).

Previous Track

Touch the PREVIOUS TRACK (◄) icon to move to previous track.

Play/Pause

Touch the PLAY/PAUSE (▶❚❚) icon when iPhone®/iPod® is loaded to begin playback. During playback of the iPhone®/iPod® touch the icon again to pause and once again to resume playback.

Next Track

Touch the NEXT TRACK (▶❚) icon to advance to the next track on the iPhone®/iPod®
.

Fast Reverse
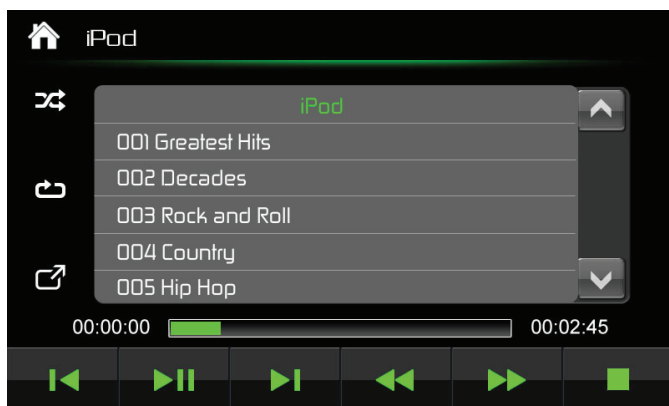
Touch the FAST REVERSE (◀◀) icon to fast reverse.

Fast Forward

Touch the FAST FORWARD (▶▶) icon to fast forward.

Stop

Touch the STOP (■) icon on the first control menu page to stop the playback.

Controlling your iPod®


To select music or videos from the source menu, touch the name on the display and playback of the selection will begin. To return to the iPod® main screen touch the SOURCE Menu ◧ icon.

NOTE: *To transmit the video from your iPod® to the VM9026 screen, you must set the following options through the iPod® video settings menu: TV Out = ON, TV Signal = NTSC, and Widescreen = ON.*

REAR CAMERA OPERATION

This unit is camera ready. A rear video camera must be installed to access camera features.

When the camera is not installed and the function is accessed by the gear selector being placed in reverse or by the unit's MAIN menu, the message "No Signal Input" will appear, indicating the function is not available.
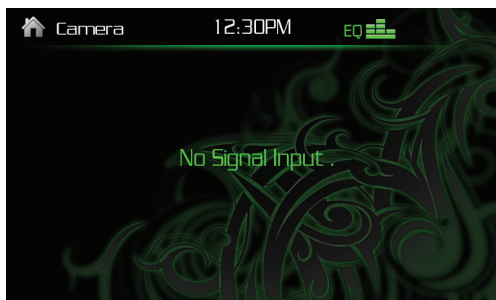
When the camera is installed, the rear view image of what is behind the vehicle will appear when the vehicle is placed in reverse gear. When leaving reverse gear, the unit displays the previous screen.

The rear camera image can be adjusted from Normal to Mirror using the Setup Menu within the General Sub-menu.
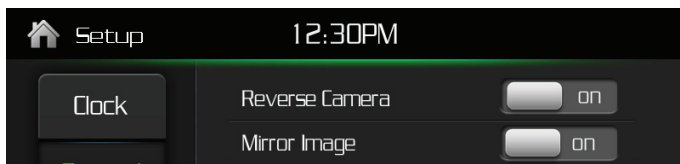
STEERING WHEEL CONTROL (SWC) INTERFACE

The VM9026 is compatible with various aftermarket SWC adapters from companies such as PAC / Metra / ADS. Information about SWC interfaces and other adapters is available on each companies web site. A 3.5mm female connector on the back of the VM9026 allows connectivity to various aftermarket SWC adapters.

SWC functions supported from the VM9026
1. Volume Down
2. Volume Up
3. Mute
4. Seek Down / Previous Track
5. Seek Up / Next Track
6. Source (SRC)
7. Band (AM-FM)

TROUBLESHOOTING

Table 9: Troubleshooting (1 of 3)

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 left corner of the front panel under AV Input cover.
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 "TEL 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

Table 9: Troubleshooting (2 of 3)

Problem	Cause	Corrective Action
TFT Monitor		
No image	Incorrect connection to parking brake wire	Check wiring and correct
	Parking brake is not engaged	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
	LOCAL function is activated	Turn LOCAL function off
DISC		
Cannot insert disc	Disc already inside unit	Eject current disc and insert new one

Table 9: Troubleshooting (3 of 3)

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 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	PBC is not available on the disc	
No repeat or searching while playing VCD	PBC is on	Turn PBC 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 10: 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.

System Reset

To correct a system halt or other corrupt operation, use the tip of a pen to press the reset button [RESET] Button located on the front bottom-left corner of the unit (above the USB port). 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.*

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

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, -3dB

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)

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General
Auxiliary Input Impedance: 10k
Power Supply: 11 to 16VDC, Negative Ground
Power Antenna (Blue): 500mA Max
Amplifier Remote (Blue/White): 500mA Max
Operating Temperature: -20C ~ 65C
Fuse: 15-amp 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

VM9026 Common Replacement Parts

Owner's Manual, Install Manual	30613820
Wire Harness (Speaker, Power, A/V)	30313820
Trim Ring	30413820
Hardware Bag - Miscellaneous Hardware	30513820

128-9195