CD7326U-OR RDS / CD / MP3-USB
TUNER WITH CD PLAYBACK (24 Volt)
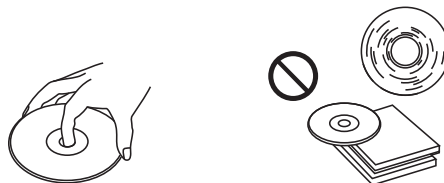
OWNER'S MANUAL

VDO

■ **Safety Information**

▶ **PRECAUTIONS**

- Use only in a 24-volt DC negativeground electrical system.
- Disconnect the vehicle's negative battery terminal while mounting and connecting the unit.
- When replacing the fuse, be sure to use one with an identical amperage rating. Using a fuse with a higher amperage rating may cause serious damage to the unit.
- DO NOT attempt to disassemble the unit. Laser beams from the optical pickup are dangerous to the eyes.
- Make sure that pins or other foreign objects do not get inside the unit, they may cause malfunctions, or create safety hazards such as electrical shock or laser beam exposure.
- If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.
- Keep the volume at a level you can hear outside warning sounds (horns sirens, etc.).

CD Notes

- Playing a defective or dusty CD can cause dropouts in sound.
- Hold CDs as illustrated.
- Do not touch the unlabeled side.
- Do not attach any seal, label or data protection sheet to either side of a disc.
- Do not expose a CD to direct sunlight or excessive heat.
- Wipe a dirty CD from the center outward with a cleaning cloth.
- Never use solvents such as benzine or alcohol.
- This unit cannot play 3-inch (8 cm) CDs. NEVER insert a 3-inch CD contained in the adapter or an irregularly shaped CD. The unit may not be able to eject it, resulting n a malfunction.
- Disc can not have foreign body,the damage caused by the disc with foreign body do not belong to the warranty scope.
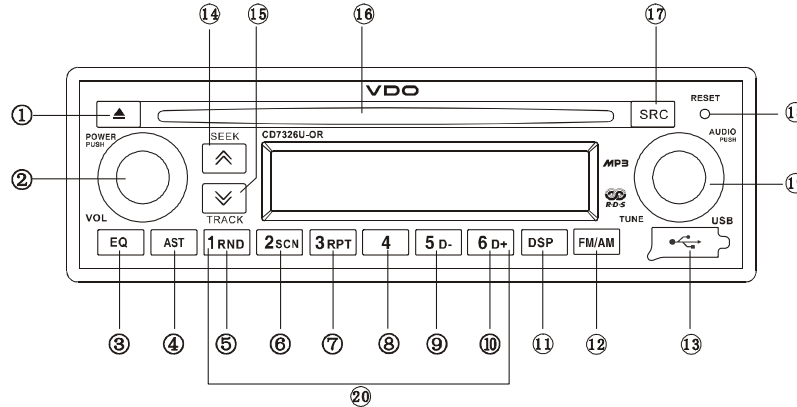
Before Operation

- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous. Stop the car before performing any complicated operation.

▶ **CAUTION**

- DO NOT open covers and do not repair yoursel f . Consul t the dealer or an experienced technician for help.
- In addition to ordinary CDs, this unit can playback CD-R or CD-RW, MP3.

☞ Note:
The system just support the english and number display ,other letter can't display or display *

■ Panel Controls

(1) Disc eject
(2) Rotate to adjust volume.
Radio:mute
CD/MP3:Pause
Hold it to power off (2 sec.)
(3) EQ setup button
(4) 1-6 Preset
automatically search station
(5) channel 1/random play
(6) channel 2/ intro play (10 sec.)
(7) channel 3/repeat play
(8) channel 4
(9) channel 5/MP3 folder back

(10) Channel6/mp3 folder ahead
(11) Display paly time and clock in the CDstate.
Turn and turn about folder name/file name /
ID3 TAG/system time
Display PTY info and system time in the Ra-
dio state.
(12) Band select
(13) USB connector
(14) Select previous track
(15) Select next track
(16) Disc slot

(17) SCR key
Radio
Disc play(when disc is in)
USB (when USB inserted)
AUX IN
(18) Reset hole
(19) Press to select VOL/BAS/TRE/BAL/LOUD/
FAD/AF/TA/PTY,
Rotate VOL knob to adjust RADIO: Rotate to
adjust radio tune
CD /MP3: Rotate to select track the previous
/next
(20) 1-6 Preset:
Press to tune in a preset station.
Hold for more than 2 seconds to store stati-
on.

■ Operate guide

Disc Load / Eject

Load: Insert the disc into the slot. Eject: Press ⏏ to eject the disc .

BAND mode

Press the button [FM/AM] to change BAND x FM1 x FM2 x FM3 x MW1 x MW2

SRC

Press [SRC] button to select different function once or time after time, the mode as follows: Radio - CD - USB - AUX IN mode

Auto Memory Store

Radio mode:
Press [AST] knob to scan the preset stations 1-6 for 10 seconds each. Hold it [AST]-knob more than 2 s conds, the 6 strongest available stations will automatically saved in the memory of preset button 1-6 .

SEEK mode

Disc/USB playback: Press the 🔼 / 🔽 or rotate the [TUNE]-knob to select the next or previous track. Hold the 🔼 / 🔽 to enter fast forward or reverse back mode.

EQ LOUD mode

Press [EQ] button setting to sound effect POP - CLASSIC - ROCK - JAZZ EQ - OFF
Press [TUNE]-knob to setting VOL / BAS / TRE / BAL / FAD / LOUD / AF / TA / PTY, Rotate [VOL]-knob to adjust value.

Clock setting

On the radio mode:
Press [DSP] to display PTY info/ time. On the time display menu:
Press again for more than 2 seconds, enter to the time setting state. the minutes blinks on the screen, Press [TUNE]-knob to switch minutes/hours, rotate [VOL]-knob to set the hours or minutes, for adjusting is ok, press [DSP] again or more than 5 seconds to exit the clock setting.
While playing MP3 file :
Press [DSP] to display the folder/file name and ID3 TAG

System setting

On the non time display menu:
Hold it [DSP] to enter the system setup menu, rotate [VOL]-knob to adjust value. BEEP - TA VOL - RETUNE
Set the BEEP tone, setting for "on", key-press emit the BEEP tone, setting for "OFF" is not emit .
TA VOL setting: Set the unit volume When having receive RDS Station with TA info, rotate [VOL]-knob to adjust value.

RETUNE: On the FM mode, set the TA time space Info of auto search with RDS.
Setting for "L", Auto search the TA time space for 1 80 sec,Setting for "S", auto search the TA time space for 45 sec

MP3 Track Search

USB/MP3 mode:
Press [AST]-knob to select "TRK SCH" mode.
Press [TUNE]-knob, LCD display will show "000".
The desired track number Press the [TUNE]-knob to switch first digit and tenth digit, rotate the [VOL]-knob to adjust the first digit and press the [TUNE]-knob to confirm.
also to the setting tenth digit and hundredth digit of the track number.

RDS

Press the [TUNE]-knob to set AF/TA ,rotate the [VOL]-knob to open or close AF/TA function.
Press the [TUNE]-knob to PTY function, rotate the [VOL]-knob, display NEWS and POP program type.
When display NEWS, press the 1-6 button to select opposite preset
1-SPORT / 2-DRAMA / 3-CULTURE / 4-WEATHER / 5-TRAVEL / 6-SOCIAL

When display POP, press the 1-6 button to select opposite preset
1-ROCK / 2-EASY / 3-LIGHT / 4-CLASSICS / 5-JAZZ / 6-FOLK

■ USB MP3/WMA Overview

Note on Mp3

- MP3 is short for MPEG Audio Layer 3 and refers to an audio compression technology standard.

This product allows playback of MP3 files on CD-ROM, CD-R or CD-RW discs.

The unit can read MP3 files written in the format compliant with ISO 9660. However it does not support the MP3 data written by the method of packet write.

- The unit can not read an Mp3 file that has a file extension other than ".mp3".
- If you play a non- MP3 file that has the " .mp3 " extension, you may hear some noise.
- In this manual, we refer to what are called "MP3 file" and "folder " in PC terminology as "track" and "Album," respectively.
- Maximum number of directory level is 8, including the root directory. Maximum number of files and folders per disc is 256.
- The unit may not play tracks in the order of Track numbers.
- The unit plays only the audio Tracks if a disc contains both audio tracks and MP3 files.
- When playing a disc of 8kbps or VBR[1], the elapsed playing time in the display window will not be correct and also the intro play may not function properly.

Note on creating your own CD-Rs or CD-RWs containing MP3 files

- To enjoy high quality sound, we recommend converting to MP3 files with a sampling frequency of 44.1 kHz and a fixed bit rate of 128 kbps.
- DO NOT store more than 256 MP3 files per disc.
- For ISO 9660 -compliant format, the maximum allowable depth of nested folders is 8, including the root directory (folder).
- When CD-R disc is used, playback is possible only for discs which have been finalized.
- Make sure that when MP3 CD-R or CDRW is burned that it is formatted as a data disc and NOT as an audio disc.
- You should not write non-MP3 files or unneeded folders along with MP3 files on the disc otherwise it takes a long time until the unit starts to play MP3 files.
- With some CD-R or CD-RW media, data may not be properly written depending on their manufacturing quality . In this case, data may not be reproduced correctly. High quality CD-R or CD-RW disc is recommended.
- Up to 16 characters are displayed for the name of an Album or a Track. ID3 TAG version 1.x is required.
- Note that the unit may not play Track in the order that you wrote them to the disc.
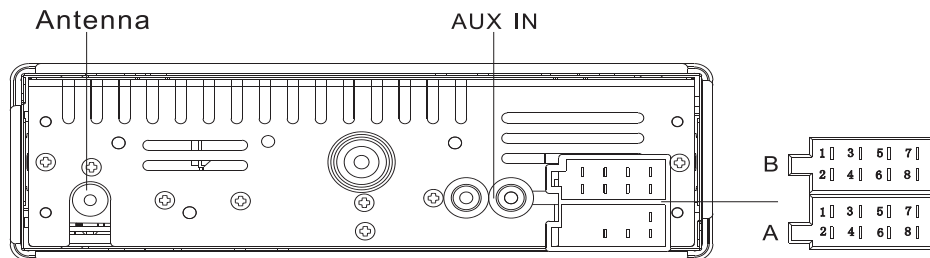
USB Notes

- USB functions (flash memory type) MP3 music play
- USB flash memory 2 in 1 support
- FAT 12 / FAT 16 / FAT 32 format supported.
- File name: 64 byte / dir name: 64 byte / tag name: 30 byte.
- Tag (id3 tag ver 2.0) - title / artist / album: 32 byte support.
- USB 1.1 support, USB 2.0 support (For 2.0, speed performance is as USB 1.1)
- Not all USB devices are compatible with the unit.
- Usb connector is support maximum work power with 500mA.

1.VBR: Variable Bit Rate

Electrical Connections

■ **Electrical Connections**

Wiring Diagram

Location	Function	Location	Function
A1	No Function	B1	Rear R+
A2	Telephone Mute High	B2	Rear R-
A3	Telephine Mute Low	B3	Front R+
A4	Ignition	B4	Front R-
A5	Antenna remote	B5	Front L+
A6	Illumination	B6	Front L-
A7	Battery +	B7	Rear L+
A8	Power Ground	B8	Rear L-

■ Troubleshooting

If you suspect something is wrong, immediately switch power off. Do not use the unit in abnormal condition, for example without sound, or with smoke or foul smell, can cause fire or electric shock. Immediately stop using it and call the store where you purchased it. Never try to repair the unit yourself because it is dangerous to do so.

Option	Selectable values	Function
General		
No power or no sound	Car's engine switch is not on	Turn your car's key to ACC or ON
	Car's engine switch is not on	Replace fuse
	Volume is too low	Check volume or mute on / off
	If the above solutions cannot help	Press the RESET button
Disc		
Disc is inside but is no sound	Disc is upside down	Place disc in the correct direction, and the label side up
	Disc is dirty or damaged	Clean disc or change another disc
Disc sound is skips,tone quality is low	Disc is dirty or damaged	Clean CD or change another CD
Radio		
Much noise in broadcasts	Station is too far, or signals are too weak	Select other stations of higher signal level
Preset station lost	Battery cable is not correctly connected	Connect the battery cable to the terminal that is always live.
Error Display Messages		
CD ERR	Disc is upside down	Place disc in the correct direction, and the label side up
	Disc format is not support or file date is wrong	check the disc

Troubleshooting

Option	Selectable values	Function
	Disc is wrong	Press ⏏ button more than 2 seconds to eject the disc. In case that the disc cannot be ejected by pressing ⏏ button, press the RESET switch and press the ⏏ button 2 seconds to eject the disc. If still not ejecting, consult your dealer.

☞ Note:
If the set inserts a non-standard size disc or card, you may long press the ⏏ button for 5 second, then it will be eiected forcibly.

■ **Specifications**

General

Power supply:	24 V DC negative ground
Maximum power output:	10 W x 4 channels (8 Ω)
Suitable speaker impedance:	8 Ω
Fuse spec:	5 A
ESP:	10s(CD-DA)/40 s (MP3)
Dimensions (WxDxH):	178 X 170.7 X 50 mm
Weight:	1.49 kg

☞ Note:
For different bit-rate MP3, ESP time are different; 40 seconds only for the bit-rate MP3 file of the 128Kbps

FM Stereo Radio

Frequency range:	87.5 - 108.0MHz
Usable sensitivity:	< 14dBμ
Frequency response:	50Hz-10KHz
Stereo separation:	≥22dB (1KHz)
Image response ratio:	≥40dB
IF response ratio:	≥60dB
Signal/noise ratio:	≥50dB

AM(MW) Radio

Frequency range:	522-1620KHz
Usable sensitivity (S/N=20dB):	< 35dBμ

Disc Player

System:	Disc digital audio system
Frequency response:	50Hz - 20KHz
Signal/noise ratio:	> 72dB(dBA)
Total harmonic distortion:	Less than 1% (1KHz)
Channel separation:	> 55dB

☞ Note:
Specifications and the design are subject to change without notice due to improvements in technology.

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