Mobile 1 DIN DVD Player

INSTRUCTION MANUAL

nextar™

TABLE OF CONTENTS

PRECAUTIONS

• Use only in a 12-volt DC negative-ground 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.

• The player is a class 1 laser product, do not attempt to disassemble the unit. Last 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.

• When your vehicle has been parked in direct sunlight resulting in a considerable rise in the temperature inside, allow the unit to cool off before operating it.

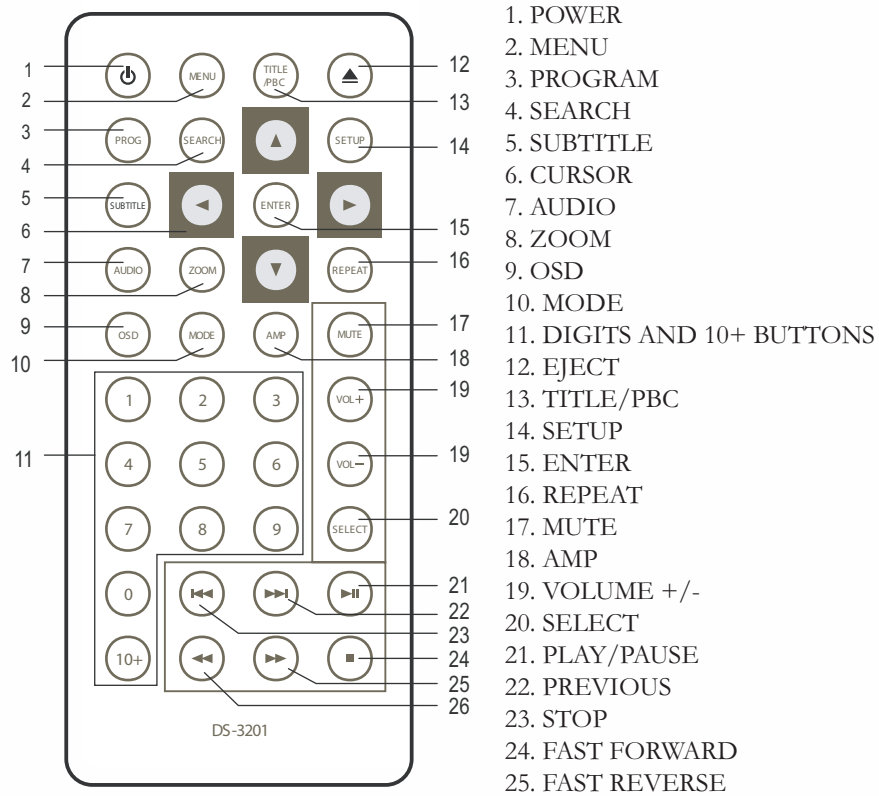• Keep the volume at a level at which you can hear outside warning sounds (horns, sirens, etc)

BASIC OPERATION

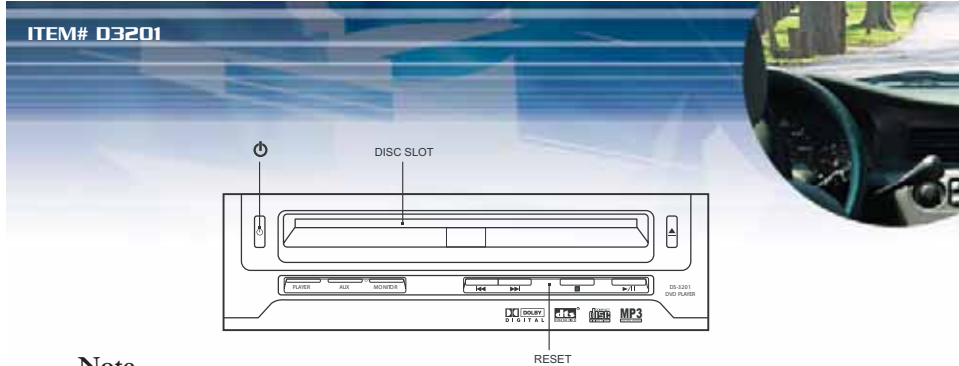
1   2   3   5   6   7   8   4   9   10   11
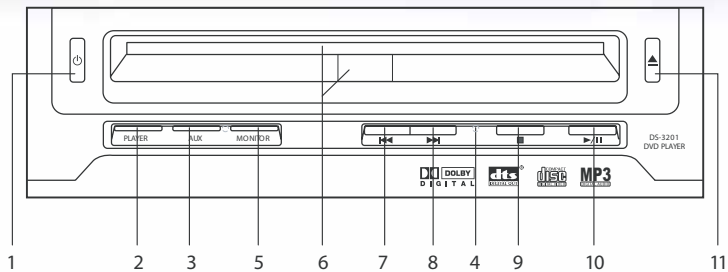
1. **Power/source** button/indicator *Press this key to turn on the unit and press again to turn off the unit. If press and hold over 3 seconds, then release this key will select PLAYER or AUX INPUT.*

2. **PLAYER** indicator

3. **AUX** indicator

4. **RESET** button *Press to reset the original settings.*

5. **MONITOR** indicator

6. **Disc slot/open, close** indicator

7. ◄◄ **Previous** button *Press to go to the previous track/chapter.*
   If press and hold over 2 seconds, it performs fast reverse playback.

8. ►►**Next** button *Press to go to the next track/chapter.*
   If press and hold over 2 seconds, it performs fast forward playback.

9. ■ **Stop** button/indicator *Press to stop playback*

10. ►/▐▐ **Play/Pause** button/indicator *Press first to pause playback and press second to playback*

11. ▲ **Eject** button/indicator *Press to eject the disc.*

Remote Control

1. POWER
2. MENU
3. PROGRAM
4. SEARCH
5. SUBTITLE
6. CURSOR
7. AUDIO
8. ZOOM
9. OSD
10. MODE
11. DIGITS AND 10+ BUTTONS
12. EJECT
13. TITLE/PBC
14. SETUP
15. ENTER
16. REPEAT
17. MUTE
18. AMP
19. VOLUME +/-
20. SELECT
21. PLAY/PAUSE
22. PREVIOUS
23. STOP
24. FAST FORWARD
25. FAST REVERSE

DS-3201

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DISC SLOT

RESET

Note

Some keys are assigned two or more functions. For detailed descriptions, refer to the related pages.

Preparing the remote control

Insert battery (3V, CR2025) into the remote control.

Make sure the + side of the battery faces up before closing the cover.

• Turning the unit on/off
   Press ⏻ to turn on the unit
   Press ⏻ again to turn off the unit

• Changing the source mode
 Press and hold ⏻ over 3 seconds, cycles through source modes in the following order
        PLAYER ⟶ AUX
 The "PLAYER" or "AUX" indicator will turn on
 You can also press the "MODE" key to select "Player" or "Aux" input on the remote.
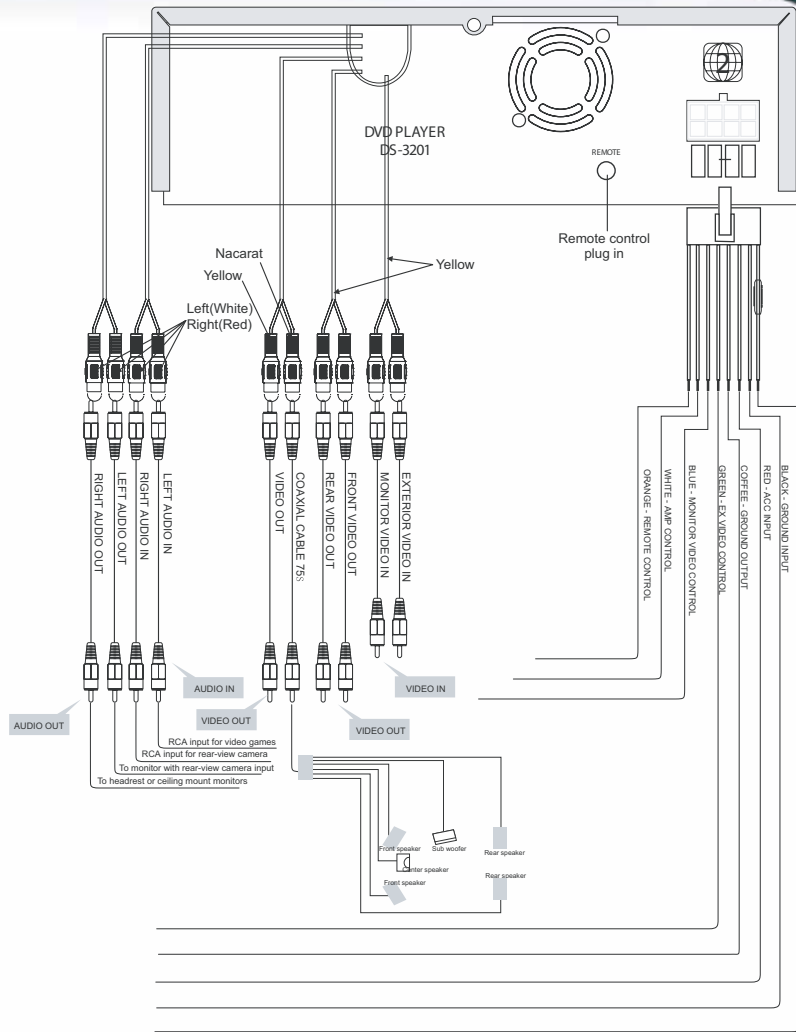
• Eject
 Press this key to eject the disc

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• Previous, Next

Each time you press the PREVIOUS key " ◄◄ " during playback will skip a track/chapter backward.

Each time you press the NEXT key " ►►| " during playback will skip the track/chapter and play the next one.

• Fast Reverse/Fast Forward

The first four pressings of Fast Reverse key "◄◄" or Fast Forward key " ►►" during playback will enter different fast modes, the fifth time you press it will return to normal playback speed.

• Volume and Mute

Press "+" to increase volume, and press "-" to decrease.

The first press of MUTE will display MUTE, the second press will return to normal playback.

• Equalizer On/Off

Press SELECT on the remote to turn on Equalizer. Press again to turn off Equalizer.

Under the "equalizer ON" mode, you can select the following audio effect:

Classic -> Jazz -> Rock -> Pops -> Balled -> Dance -> Personal

In the "personal" mode, use < or > on the remote you can change the equalizer setting.

• Reset button

If the unit does not operate properly, press the reset button with a pointed object such as a pencil etc.

Note: If you press reset, all your settings will be erased and set to default.

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Connections

DVD PLAYER
DS-3201

REMOTE

Remote control
plug in

Nacarat
Yellow
Yellow

Left(White)
Right(Red)

RIGHT AUDIO OUT

LEFT AUDIO OUT

RIGHT AUDIO IN

LEFT AUDIO IN

VIDEO OUT

COAXIAL CABLE 75Ω

REAR VIDEO OUT

FRONT VIDEO OUT

MONITOR VIDEO IN

EXTERIOR VIDEO IN

ORANGE - REMOTE CONTROL

WHITE - AMP CONTROL

BLUE - MONITOR VIDEO CONTROL

GREEN - EX VIDEO CONTROL

COFFEE - GROUND OUTPUT

RED - ACC INPUT

BLACK - GROUND INPUT

YELLOW - BATTERY INPUT

AUDIO OUT

AUDIO IN

VIDEO OUT

VIDEO IN

VIDEO OUT

RCA input for video games
RCA input for rear-view camera
To monitor with rear-view camera input
To headrest or ceiling mount monitors

Front speaker
Center speaker
Front speaker

Sub woofer

Rear speaker

Rear speaker

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DISC PLAYER OPERATION

Basic Playback

Plays DVD, CD. CD-R. CD-RW. Kodak Picture CD procedure described below.

- Press and hold ⏻ key for 3 seconds to select PLAYER mode
- "PLAYER" indicator turns on.
- Press ⏏ Eject button to eject the disc
- Press ▶/⏸ play/pause button first to pause playback and press again to start playback
- Press ⏮ Previous button to go to the previous track, and hold down for 2 seconds to perform fast reverse playback.
- Press ⏭ Next button to go to the next track, and hold down for 2 seconds to perform fast forward of playback
- Press ■ Stop button to stop playback

Advance Playback

• MENU
Press the button to go to the root menu. Select track according to your preference. (This key is valid to DVD disc possessing multi-layer menu, you can select according to your preference)

• PROG
Press "PROG" to enter program mode. Press the digits to select tracks. Press "ENTER" to start program playback. If you want to cancel this function, press "STOP" first, then press "PROG" and "ENTER" to cancel (For VCD, press "ENTER" to cancel)

• SEARCH
Press "SEARCH" and input the desired time, then press "ENTER" to start playing from the input time. The input cannot exceed the actual maximum time of a disc.

• OSD

Press OSD four times to cycle between title elapsed title remain, chapter elapsed, and chapter remain. Press a fifth time to cancel the DISPLAY

• ZOOM

The picture can be zoomed to enlarge the image. Each time the ZOOM button is pressed, the image size will increase.

• SUBTITLE

Press "SUBTITLE" five times to cycle between SUBTITLE 01/04, SUBTITLE 02/04, SUBTITLE 03/04, SUBTITLE 04/04, and SUBTITLE CANCEL This function can select up to 32 languages displayed on screen. (Valid for discs possessing this function)

• AUDIO

Press "Audio" on remote control or "L/R" on front panel during DVD playback, and audio 1, audio 2 will be displayed on screen when playing VCD disc. LEFT, RIGHT STERERO will be displayed.

• TITLE/PBC

On same DVD disc, pressing this key will display the title menu which you can use to select preferred tracks. On some VCD disc, pressing this key will turn on/off PBC."

• CURSOR

Use to select options when playing disc. Cursors in four directions enable a convenient way for users to make selections in the operating interface, menu, and disc operation. Likewise, the cursor can be used to move the on-screen image when in 4X (or greater) zoom mode.

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• SELECT
Press this button to select the audio effect functions.

• REPEAT
Press "REPEAT" and "CHAPTER REPEAT" will be displayed on screen. The second press will display "TITLE REPEAT". The third press will cancel repeat function. For CD playing, the first press will display track; the second press will display "ALL REPEAT", and the third press will cancel repeat function.

Disc Note:
• Playing a defective or dusty disc can cause dropouts in sounds.
• DO NOT touch the unlabelled side.
• DO NOT attach any seal, label, or data protection sheet to either side of disc.
• DO NOT expose a disc to direct sunlight ore excessive heat.
• Wipe a dirty disc from the center outward with a clean dry cloth.
• NEVER use solvents such as benzenes or alcohol.
• This unit can not play 3-inch (8cm) disc.

System Setup

Press "SETUP" on remote control to enter system setup. In this menu, you can setup "GENERAL SETUP", "SPEATER SETUP", "AUDIO SETUP", or "PREFERENCES". If the unit is in playback mode, it will automatically pause, press RETURN or SETUP to continue playing.

```
                SETUP MENU--MAIN PAGE

        GENERAL SETUP
        SPEAKER SETUP
        AUDIO SETUP
        PREFERENCES

        EXIT SETUP



        GENERAL SETUP
```
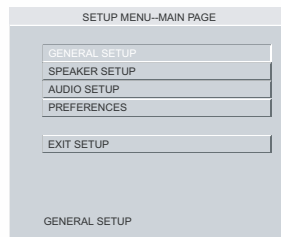
In setup menu, you can use the cursor to select an option, then press "ENTER" to confirm. Press "SETUP" to exit, and the unit will save your setup selections automatically.
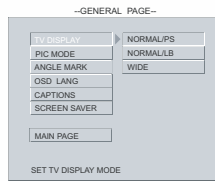
The TV Display selects the different display formats and the screen size of your TV. There are various types of displays on screen for different matches between Disc and TV.
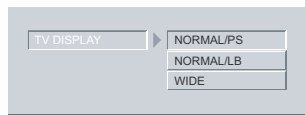
Note:
• No matter which display format is selected, a picture recorded in standard 4:3 format always displays in the 4:3 aspect ratio.
• The display format of DVD titles may vary, please refer to the information that accompanies your specific DVD title.
• If the DVD title is recorded in 16:9 widescreen format and the TV is a standard 4:3 screen, horizontal compression of the image will result.
• Some DVD titles may be recorded in special formats. In such cases, the DVD titles will always appear on the screen in their original format, regard less of which TV display format you select.
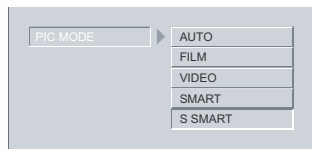
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1. GENERAL SETUP PAGE

--GENERAL PAGE--

TV DISPLAY	NORMAL/PS
PIC MODE	NORMAL/LB
ANGLE MARK	WIDE
OSD LANG	
CAPTIONS	
SCREEN SAVER	
MAIN PAGE	

SET TV DISPLAY MODE

1.1 TV DISPLAY

TV DISPLAY	▶	NORMAL/PS
		NORMAL/LB
		WIDE

1.2 PICTURE MODE

This sets the quality of the video output from DVD player

PIC MODE	▶	AUTO
		FILM
		VIDEO
		SMART
		S SMART

1.3 ANGLE MARK

Users can select a particular camera angle when playing a DVD which offers multiple angles.

ANGLE MARK	▶	ON
		OFF

1.4 ON SCREEN DISPLAY (OSD) LANGUAGE

Users can select the setup menu and on-screen display language

OSD LANG	▶	ENGLISH
		FRENCH
		GERMAN
		ITALIAN
		PORTUGUESE
		SPANISH

1.5 CAPTIONS

For the hearing-impaired, the picture can be displayed with recorded explanatory captions.

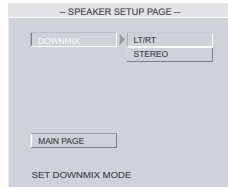| CAPTIONS	▶	ON
		OFF

1.6 SCREEN SAVER

If the screen saver is on, then there will be an animated picture on the screen whenever the DVD player is idle for a certain period of time.
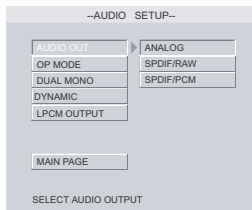
SCREEN SAVER	▶	ON
		OFF

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2. SPEAKER SETUP PAGE

```
-- SPEAKER SETUP PAGE --

DOWNMIX          LT/RT
                 STEREO




MAIN PAGE

SET DOWNMIX MODE
```
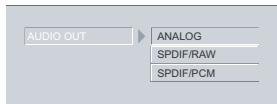
DOWNMIX MODE: sets front speakers to LT/RT STEREO
• Turn first 2 settings (LT/RT STEREO) downmix the sounds speakers. This setting allows you to enjoy the multi channel audio effects with only two speakers.

3. AUDIO SETUP PAGE

```
--AUDIO  SETUP--

AUDIO OUT          ANALOG
OP MODE            SPDIF/RAW
DUAL MONO          SPDIF/PCM
DYNAMIC
LPCM OUTPUT


MAIN PAGE

SELECT AUDIO OUTPUT
```

3.1 AUDIO OUT:
Sets the audio outputs

```
AUDIO OUT          ANALOG
                   SPDIF/RAW
                   SPDIF/PCM
```

This DVD player includes three kinds of audio inputs:
  1) ANALOG. An analog surround sound format is output through the back-panel connects for left and right channels.
  2) SPDIF/RAW or SPDIF/PCM: This surround sound format is output to a Dolby Digital/DTS decoder through the optical and coaxial connectors on the back-panel of the unit.

Note: The DVD player simultaneously outputs a Dolby Digital signal and an analog sigal, but you have to select the Analog output if you want to take advantage of the Karaoke effects contained on certain discs.

3.2 OPERATIONAL MODE
This can set the type of output and adjust audio frequency.

```
OP MODE          LINE OUT
                 RF REMOD
```

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3.3 DUAL MONO

If your amplifier/decoder has Dolby Digital output, you may select stereo, left mono, right mono, or mixed mono mode for your amplifier decoder.

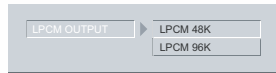| DUAL MONO	▶	STEREO
		L-MONO
		R-MONO
		MIX-MONO

3.4 DYNAMIC

This setting can dynamically lower the volume while still maintaining the original tone quality. This selection is the range, measured in decibels (dB), between the loudest and the quietest sound peaks in the program material.
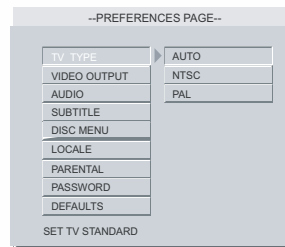
DYNAMIC	▶	▬ FULL
		6/8
		4/8
		2/8
		0
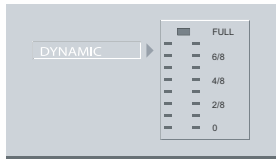
3.5 LPCM OUTPUT

Includes LPCM 48K and LPCM 96K, PCM audio format output.

LPCM OUTPUT	▶	LPCM 48K
		LPCM 96K

4. PREFERENCES SETUP PAGE

--PREFERENCES PAGE--	
TV TYPE	AUTO
VIDEO OUTPUT	NTSC
AUDIO	PAL
SUBTITLE	
DISC MENU	
LOCALE	
PARENTAL	
PASSWORD	
DEFAULTS	

SET TV STANDARD

4.1 TV TYPE

This player supports multiple TV output, including MULTI (Auto), NTSC and PAL systems.

If your TV support only NTSC or PAL, and you inadvertently selected the wrong TV type, the TV screen will become black and white. In this case, you should press the SETUP button to set the right setting.

TV TYPE	▶	AUTO
		NTSC
		PAL
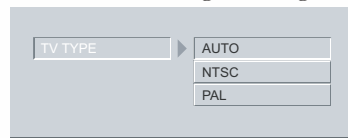
Note: How to Set the TV Type?
 • You may switch the NTSC/PAL settings of the DVD player to match the video signal of your TV.

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4.2 VIDEO OUTPUT

Use to set the video output mode

VIDEO OUTPUT	▶	CVBS

4.3 AUDIO

Sets the preferred audio language
as the default when playing DVD.

AUDIO		ENGLISH
		FRENCH
		SPANISH
		CHINESE
		JAPANESE
		GERMAN
		ITALIAN

4.4 SUBTITLE

Sets the preferred subtitle
language as the default when
playing DVD

SUBTITLE	▶	ENGLISH
		FRENCH
		SPANISH
		CHINESE
		JAPANESE
		GERMAN
		ITALIAN
		OFF

4.5 PREFERRED MENU LANGUAGE

Sets the preferred menu language
as the default when plaing DVD.
Actual language support depends
on DVD.

DISC MENU	▶	ENGLISH
		FRENCH
		SPANISH
		CHINESE
		JAPANESE
		GERMAN
		ITALIAN

4.6 LOCALE

Sets the preferred country region
language as the default when playing
DVD. Actual language support
depends on DVD.

LOCALE	▶	CHINA
		FRANCE
		HONG KONG
		JAPAN
		TAIWAN
		GBR
		USA

4.7 PARENTAL

The parental control function works
in conjunction with the different
censorship classes assigned to DVDs.
These classes help to control the
types of DVDs that can be viewed.
Note: The PARENTAL is changeable
when you input the password

PARENTAL	▶	▲
		2
		3 PG
		4 PG-13
		5
		6 PG-R
		7 NC-17
		8 ADULT
		NO PARENTAL
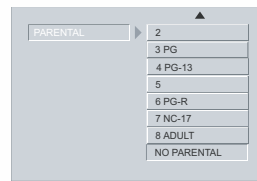
4.8 PASSWORD CHANGE

In this setup, you can change the
password for parental control setup.
The initial number is 3308.

PASSWORD	▶	CHANGE

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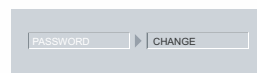
4.9 DEFAULT

This function will reset the DVD player to all the manufacturer's original settings. Only reset the DVD if you have changed settings and the DVD no longer functions as it does before settings are changed.

| DEFAULTS | ▶ | RESET |
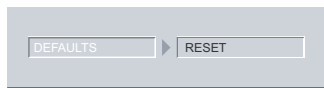
MP3 Operation

When the Navigation Menu is set up, a Navigation Menu will be displayed automatically when loading an MP3 disc.

In the Menu, use Left or Right button to move the Cursors to select operation position, use UP or DOWN button to move the Cursors to choose operation object, and use ENTER button to select operation object item.

On the page, use LEFT or RIGHT button to move the Cursor to the playing mode option; use UP or DOWN button to choose playing mode, then when chosen, use LEFT or RIGHT key to move the Cursor to select the item.

SMART NAVI		
ROOT	ROOT	0
	AALB1(1)	1
	BALB1(2)	2
	CALB1(3)	3
	DQPN1	4
	EPLP1	5

SMART NAVI		
ROOT	AALB1(1)	0
AALB1(1)	MP3 A01	1
BALB1(2)	MP3 A02	2
CALB1(3)	MP3 A03	3
DQPN1	MP3 A04	4
EPLP1	MP3 A05	5

Note:
Menu interface may have different formats for different MP3 discs.

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TROUBLE SHOOTING

If operation freezes the screen goes black or the unit should otherwise not function properly, try turning the power off then back on. Alternatively, try the following methods in the order listed until the unit returns to normal playback mode.

1. Turn the car's ignition OFF and back ON again.

2. Press the RESET button on the face of the unit.

This guide will help you isolate the problems if the unit is at fault. Otherwise, make sure the rest of your system is properly connected, or consult a professional mobile video installer.

Symptom	Cause	Remedy
Unit does not operate	Fuse is blown	Replace with a fuse of the specified capacity
	Monitor's power is not ON	Turn on the monitor's power
	Condensation	Wait a while (about 1 hour) for the condensation to dry
Operation is unstable	Remote control battery is out	Replace the remote control unit's battery with new one
	Remote control sensor or transmitter is dirty	Clean the sensor or transmitter
No picture	Monitor's mode is not switched to the correct mode	Clean the disc
Playback does not start	Disc is loaded upside-down	Check the disc and load it with the labeled side facing upward
	Disc is dirty	Clean the disc
	Disc is not in correct format for playback	Check if the disc format is supported
	Parental lock is set	Cancel the parental lock or change the rating level
Picture is unclear or noisy	Disc is doing fast-forwarded or fast-reversed	The picture may be slightly disturbed, but this is normal
	Vehicle's battery power is weak	Check the battery power and wiring. The unit may malfunction if the battery power is under 10 volts with a load applied
	Monitor's fluorescent tube its worn	Replace the monitor's fluorescent tube
Image stops at times	Disc is scratched	Replace with it non-scratched disc
No disc	No disc is loaded	Load a disc
	Disc is dirty	Clean a disc
"Not valid" message displayed	Remote control operation is not allowed	For some discs or playing modes, certain operations are not allowed. This is not a malfunction
Video signal system is not correct	PAL (or NTSC) disc is loaded	Change the TV TYPE of the unit
No sound	Wrong Audio Out selected	According to the connections, set ANALOG for using audio cable, set SPDIF/RAM/PCM for using coaxial cable

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SPECIFICATION

AUDIO

Audio output (analog)	2 ± 0.2 V 100K Ω
Audio output (coaxial)	0.5 V 75Ω
Signal-to-noise ratio	More than 90dB
Dynamic Range	More than 85dB
Distortion	Less than 0.08%

VIDEO

Video output	1 ± 0.2V
Resolution	More than 500 lines

POWER

Power requirement	$12^{+20\%}_{-20\%}$ V DC, 3A
Power consumption	Less than 20W

GENERAL

Dimensions (approx)	178x50x183mm (w/h/d) include.Projecting parts
Weight	1.4Kg
Normal Operation temperature range	23˚F to 131˚F

Note
• We reserve the right to modify the design without notice
• The illustrations in this manual may appear different from the actual product
  due to printing limitations

ACCESSORIES AND HARDWARE
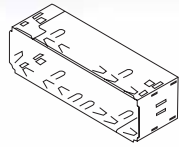
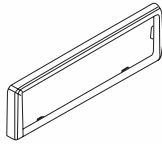Mounting Bracket
(Half Sleeve) X1
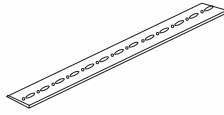
Rear Strap
(Brace) X1
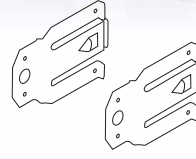
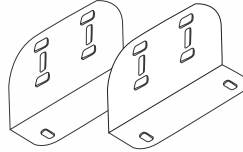Side bracket X2
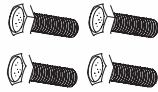
Hex bolt M5X14(4PCS)
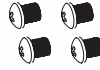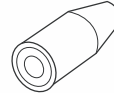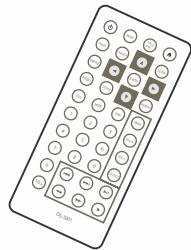
Half head screw M5X6(4PCS)
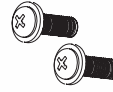
Self-screw

Removable Trim Ring
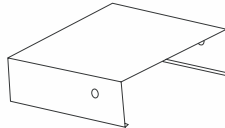equipped on the unit
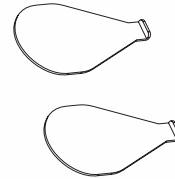X1

Mounting Bracket X2

Mounting Grommet
X1

Remote Control X1

Metal Cover (x1)

Lithium Button ce (3V) X1

KEY(2PCS)

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