



Thank You for purchasing the

**IND-1035**

**3.5" Single DIN DVD/CD Player  
With 180watt AM/FM Tuner**

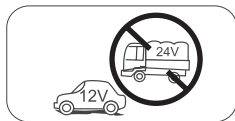


## **USER MANUAL V1.2**

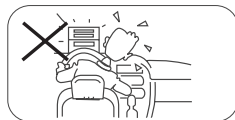
Bravo View Technology  
19917 HARRISON AVE  
WALNUT, CALIFORNIA 91789  
United States of America  
909-869-0699  
[www.bravoview.com](http://www.bravoview.com)

## Safety Precautions

1. Only connect the unit to a 12-volt power supply with negative grounding.



2. Never install this unit where the operation & condition for safety driving is restrained.



3. Never use the video display function in the front when driving to prevent the violation of laws & regulations and also to reduce the risk of traffic accident except using for rear view video camera.



4. To ensure safe driving, please adjust the volume to a safe & comfort level in case of emergency situations.

5. Never expose this unit, amplifier, and speakers to moisture or water for preventing electric sparks or fires.

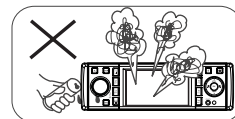


6. Please don't change the fuse on the power cord without professional guidance, using improper fuse may cause damage to this unit or even cause fire.



7. Please power off this unit at once and send it back to the after-sales service center or the dealer/distributor you purchased from if one of the following symptoms is found:

- (a). No audio output;
- (b). No image output;
- (c). Water or other obstacle enters the unit;
- (d). Smoking;
- (e). Peculiar smell.



## Safety Information

### Warning

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

### Caution

This product is a CLASS 1 LASER PRODUCT. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not repair yourself. Refer servicing to qualified personnel.

### Two Laser Products

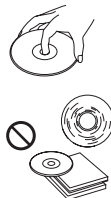
Wave length: CD: 780nm DVD: 650nm

Laser power: No hazardous radiation is emitted with safety protection.

To reduce the risk of fire electric shock, and annoying interference, use only the included components.

### Disc Notes

- Playing a defective or dusty disc can cause dropouts in sound.
- Hold discs 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 disc to direct sunlight or excessive heat.
- Wipe a dirty disc from the center outward with a cleaning cloth.
- Never use solvents such as benzine or alcohol.
- This unit cannot play 3-inch (8cm) discs.
- Never insert a 3-inch disc contained in the adapter or an irregularly shaped CD. The unit may not be able to eject it.



## Contents

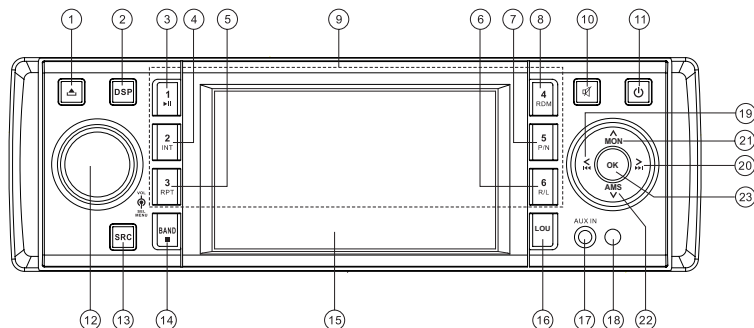
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To provide a clear demonstration and an alternative for easy understanding of the operation of this unit, graphic illustration was used. However, this illustration is not necessary printed as the actual image found on the unit.

# Faceplate Control

**Power on/off:** Press  to turn on/off the unit.

- 1 Faceplate open
- 2 Display switch/Time adjust
- 3 Button 1: Play/Pause
- 4 Button 2: Intro play
- 5 Button 3: Track repeat play
- 6 Button 6: - DVD audio channel L/R/ST  
- VCD audio channel L/R/ST  
- Folder down (USB/SD/MP3 Disc)
- 7 Button 5: - Video system PAL/NTSC/AUTO  
- Folder up (USB/SD/MP3 Disc)
- 8 Button 4: Track random play
- 9 Button 1~6: Radio preset: Press to listen to a preset station, and hold for more than 2 seconds to store station.
- 10 Mute
- 11 Power on/off
- 12 - Rotate the knob to adjust volume level.  
- Press to select BAS/TRE/BAL/FAD/BRI/CON/SAT,  
- Rotate the knob to adjust level.
- 13 - Radio  
- Disc (When disc inserted)  
- USB (When USB inserted)  
- Card (When SD/MMC inserted)  
- AV IN (External peripheral could be connected to this unit via rear RCA Video Input & front 3.5mm AUX IN [for Audio])  
The auxiliary input allows you to connect a portable CD, MP3, MiniDisc, video game or computer to the receiver.
- 14 - Band switch: FM1→FM2→FM3→AM1 (MW1)→AM2 (MW2)  
- Stop
- 15 3.5 inch TFT display
- 16 Loudness
- 17 AUX in hole
- 18 Remote sensor

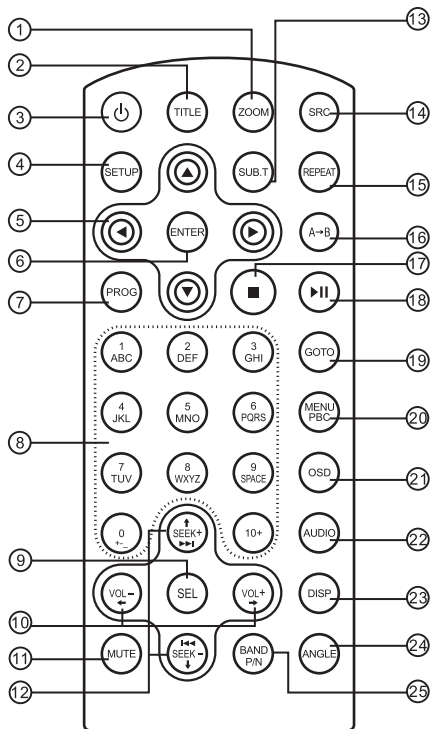


- 19 - Radio tune  
- Track skip/seek  
- Last track (DVD, CD mode)  
- Fast rewind (DVD, CD mode, press more than 2 seconds)  
- Manual tuning backwards (Radio mode)  
- Menu cursor left (MP3 mode)
- 20 - Radio tune  
- Track skip/seek  
- Next track (DVD, CD mode)  
- Fast forward (DVD, CD mode, press more than 2 seconds)  
- Manual tuning forwards (Radio mode)  
- Menu cursor right (MP3 mode)
- 21 FM Stereo/Mono  
- Menu cursor up (MP3 mode)
- 22 - AMS: Radio auto preset/Radio preset scan  
- Menu cursor down (MP3 mode)
- 23 Confirm operation (in settings mode)

# Remote Control

**Power on/off: Press  to turn on/off the unit.**

- 1 Zoom (DVD/VCD only)
- 2 Title (DVD only)
- 3 Power on/off
- 4 Setup
- 5 Menu cursor
- 6 Enter
- 7 Program
- 8 Digit area
- 9 - Audio mode select Bas/Tre/Bal/Fad/Bri/Con/Sat  
- Press more than 2 seconds to menu mode
- 10 Volume
- 11 Mute
- 12 - Radio tune  
- Track skip/seek
- 13 Subtitle (DVD only)



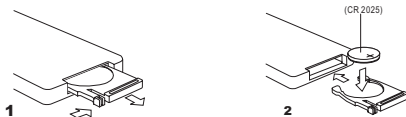
- 14 - Radio  
- Disc (when disc inserted)  
- USB (when USB inserted)  
- Card (when SD/MMC inserted)  
- AV IN
- 15 Repeat
- 16 Repeat A→B
- 17 Stop/Return
- 18 Play/Pause
- 19 Goto search
- 20 - DVD menu  
- PBC (for VCD 2.0 or up)
- 21 On screen display
- 22 - DVD audio  
- VCD audio L/R/ST
- 23 On faceplate display
- 24 Angle (DVD only)
- 25 - Video system PAL/NTSC/AUTO  
- Radio band

## Remote Control

### Replacing the lithium battery of remote control unit.

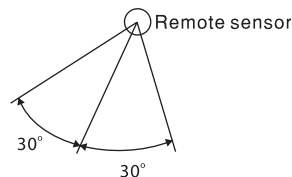
When the range of the operation of the card remote control becomes short or no longer functions while operating, replace the battery with a new lithium battery. Make sure the battery polarity replacement is correct.

1. Pull out the battery holder while pressing the stopper.
2. Insert the button-type battery with the stamped (+) mark facing upward. Insert the battery holder into the remote control.



### Remote control operating range

The remote control can operate within a distance of 3~5m.

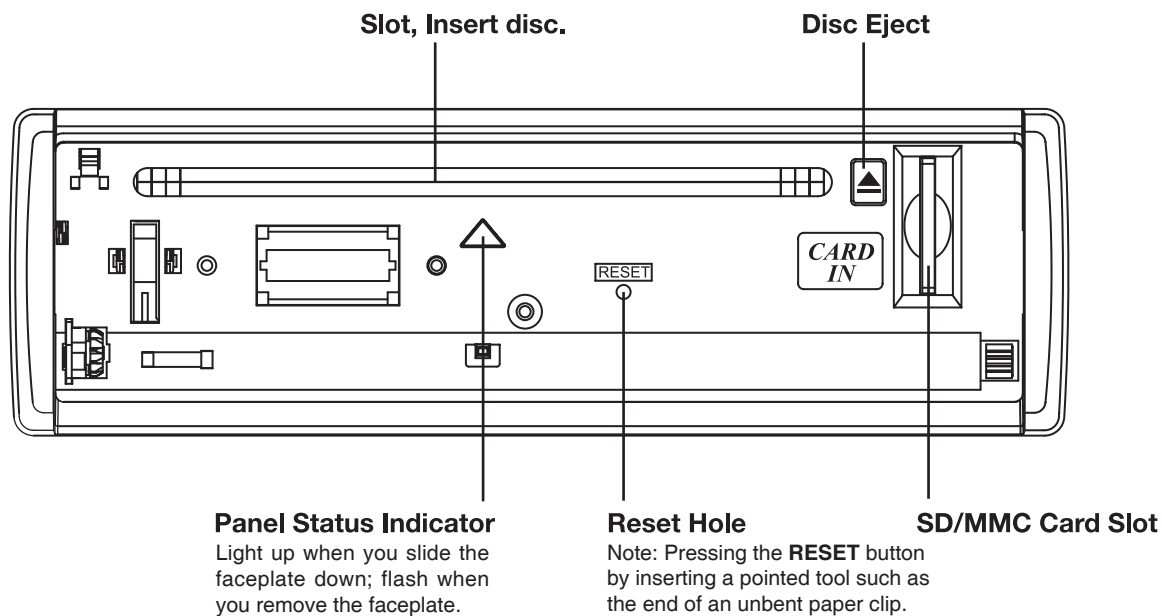


### Warning

- Store the battery where children cannot reach. If a child accidentally swallows the battery, consult a doctor immediately.
- Do not recharge, short, disassemble or heat the battery or dispose it in a fire.
- Do not expose or bring into contact the battery with other metallic materials.
- When throwing away or saving the battery, wrap it in tape and insulate; otherwise, the battery may give off heat, crack or even cause a fire.

## Getting Started

Press the  button to open the faceplate and press  to eject the disc.



## USB/SD/MMC/MP3 Playback

### 1. Load SD/MMC card

Open the faceplate and insert the SD/MMC card into the slot. Close the faceplate, the unit will read the file of the card automatically.

### 2. Take out SD/MMC card

Press **SRC** button to non-SD mode, press the SD/MMC card to pop out. Take out the card.

### 3. Load USB device

Insert USB device into the USB jack. The unit will read the file in the USB device automatically.

### 4. Take out USB device

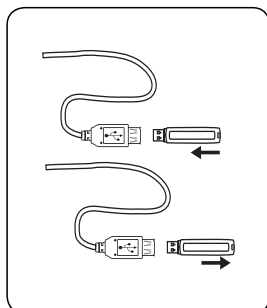
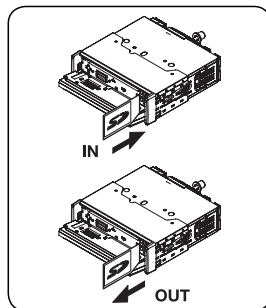
Press the **SRC** button to non-USB mode and take out the USB device from the USB jack.

### USB/SD/MMC Notes

USB functions (flash memory type) MP3 music play

1. SD/MMC card support
2. USB flash memory 2 in 1 (SD/MMC ) support
3. Support FAT 16 & FAT 32
4. File name: 32 byte/dir name: 32 byte/tag name: 32 byte
5. Tag (id3 tag ver 2.0)
  - Title/artist/album: 32 byte support
6. Multi card reader not support
7. USB 1.1 support

Not all kinds of USB devices are compatible with the unit.





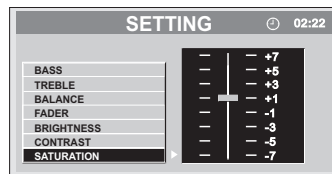
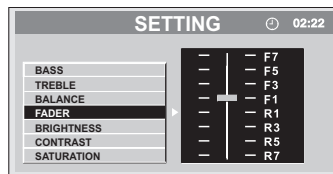
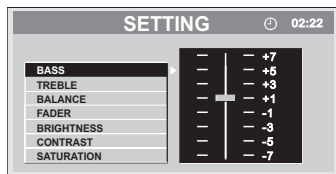
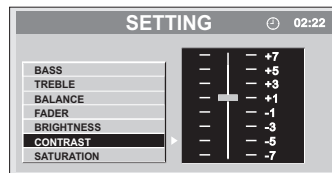
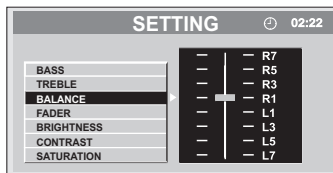
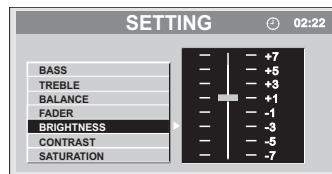
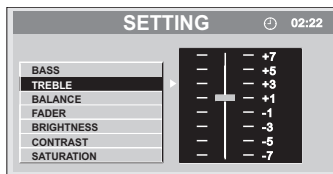
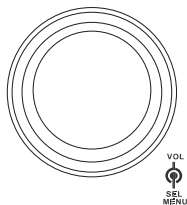
# General Operation

## Switching on and off

1. Press **⏻** to turn on the unit.
2. Press **SRC** once or more to select your desired function: DISC, Tuner (Radio), USB & SD/MMC, AV IN.
3. Press **⏻** to power off.
4. When you switch off the system or car ignition, the settings, tuner presets and the volume level will be retained in the unit's memory.

## VOL Knob Function

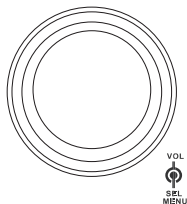
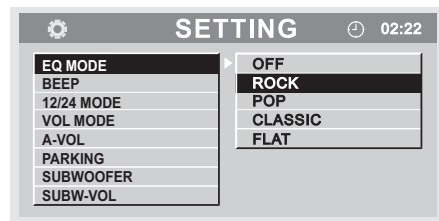
Press the knob once to select BASS/TREBLE/BALANCE/FADER/BRIGHTNESS/CONTRAST/SATURATION, and rotate the knob to adjust.



## Rotary Knob Menu

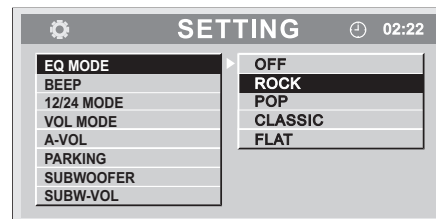
Press the knob more than 2 seconds to enter menu mode, then each press changes the mode as follows:

**EQ MODE** → **BEEP** → **12 /24 MODE** → **VOL MODE** → **A-VOL**  
→ **PARKING** → **SUBWOOFER** → **SUBW-VOL**



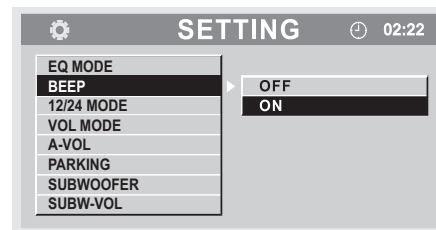
### EQ mode

Rotate the knob to select EQ sound effect:  
ROCK - POP - CLASSIC - FLAT - EQ OFF



### BEEP ON/OFF mode

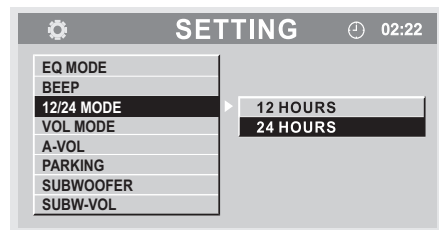
Rotate the knob to choose button beep sound on or off.



## Rotary Knob Menu

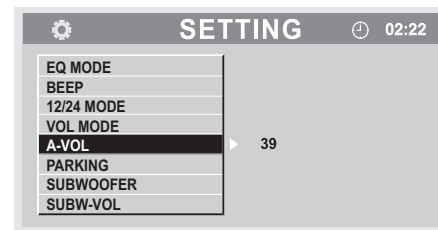
### 12/24 mode

Select 12 hours mode or 24 hours mode.



### A - VOL

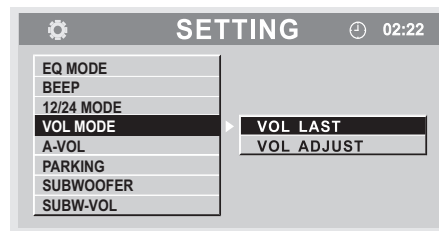
Rotate the knob to choose A-VOL level.



### VOL - MODE

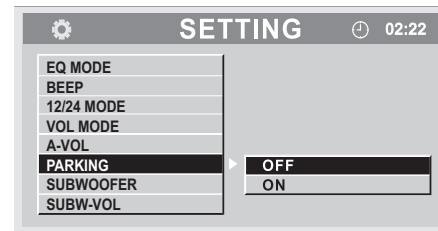
Rotate knob to choose VOL LAST, the turn-on volume level is the volume of latest power off.

Rotate knob to choose VOL ADJ, then rotate the knob to set the turn-on volume level.



### PARKING mode

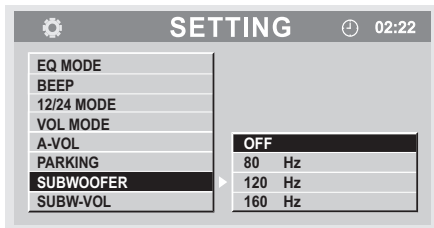
Rotate the knob to turn rear parking attention on or off. While the unit enters PARKING ON mode, and plays the video disc, the screen will appear "DO NOT WATCH VIDEO WHILE DRIVING", and blank screen.



## Rotary Knob Menu

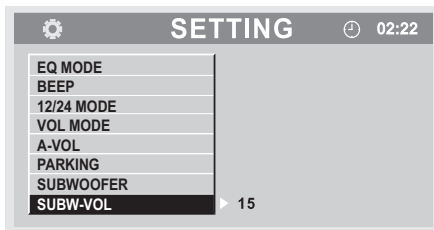
### Subwoofer Cross Over

Rotate the knob to choose SUBWOOFER frequency: 80Hz, 120Hz, 160Hz.



### Subwoofer Volume

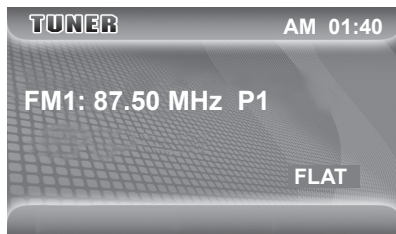
Rotate the knob to choose SUBW - VOL.



## Radio

### Band

1. Press **⏻** to power on, then press **SRC** once or more to select tuner.
2. Press **BAND** once or more to select FM1 → FM2 → FM3 → AM1 (MW1) → AM2 (MW2). Display shows wave band, frequency, and preset station number if already stored.

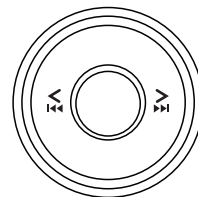


### Tune

Radio tune by step manually:  
Press **▶▶** or **◀◀** less than 2 seconds.

Radio seek automatically:  
Press **▶▶** or **◀◀** more than 2 seconds.

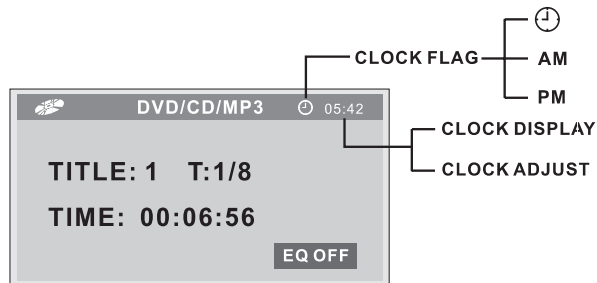
Press either ①-⑥ button to store the selected station.



## DVD & AV IN Mode

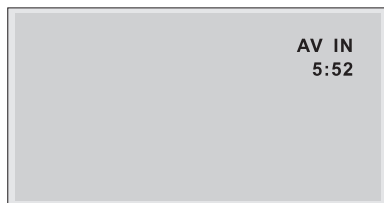
### DVD Mode

Press **SRC** button to select DVD mode (when disc is inserted, and unit is reading disc), then press the **DISP** button. The LCD will display:



### AV IN Mode

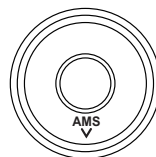
Press **SRC** button to select AV IN mode (when unit is reading). The LCD will display:



## Radio and Clock

### AMS: Auto Memory Store

Press **AMS** briefly to scan the preset station 1 - 6 for 5 seconds each. Hold more than 2 seconds, the 6 strongest available stations will be automatically saved in the memory of preset button 1 - 6.




### Clock Setting



1. Press **DISP** more than 2 seconds, minute display blinks, rotate the knob to set minute.
2. Press the knob once, hour display blinks, rotate the knob to set hour.
3. Press **DISP** to confirm.




## Disc Playback

### Disc Load / Eject

Load: Press  button to flip down the faceplate. Insert the disc into the slot.

Eject: Press  button to flip down the faceplate. Press  to eject the disc.

### Disc Playback

1. When disc inserted, display shows LOAD. For MP3 or disc with mixed files, reading time may exceed 1 minute.
2. ERROR will be displayed if error found in disc operation.
3. For VCD/CD, VCD or CD icon will appear on the display.
4. While MP3/WMA files playback, MP3/WMA icon will appear on the display.
5. For DVD, DVD icon will appear on the display and TITLE appears. Press **ENTER** or  to play.

## Disc Playable

### File type supported

Audio file: MP3(\*.mp3), WMA(\*.wma)

Video file: MP4(\*.avi, DIVX3.11 / 4.0 / 5.0 / 6.0 / 7.0)

MPEG 2(\*.vob)

MPEG 1(\*.dat)

Picture file: JPEG(\*.jpg)

MP3 file: ISO 9660 or ISO 9660 + Joliet format - Max. 30 characters.

Max. nested directory is 8 levels.

The max. album number is 99.

The max. length of each track is 99 minutes 59 seconds.

Supported sampling frequency for MP3 disc: 8KHz to 48KHz (44.1KHz preferably).

Supported bit-rates of MP3 disc are: 32 - 320 kbps (128 kbps preferably).




### Disc and file NOT supported

\*.AAC, \*.DLF, \*.M3U, \*.PLS, MP3 PRO files and files with DRM.  
Open session discs.

## Audio/Video/Picture File Playback

When AUDIO/PICTURE/VIDEO file is played, Category/Folder/File list will be displayed on the screen, and file/folder name being played will be displayed on top. Current selected item will be highlighted.

### Category Select

Use ◀/▶ to select  AUDIO  
 PICTURE  
 VIDEO

Press **ENTER** to confirm.

### Folder Select

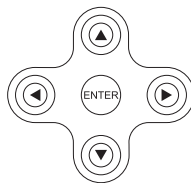
Use ◀/▶ to enter folder list and use ▲/▼ to select desired folder, press **ENTER** to confirm.

### File Select

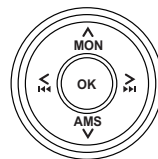
Use ◀/▶ to enter file list and use ▲/▼ to select desired file, press **ENTER** to play back, press ■ to return.

For PICTURE, press ▶|| to slide show the pictures, press **PROG** to select picture showing style.

For MUSIC, press ■ will enter intro logo, then press ▶|| to return.



On the remote control



On the faceplate



## Track Playback

### Select desired track

- Press **⏮** or **⏭** to skip to the next track.
- Use 1-9 and 0, 10+ buttons on the remote control to select desired track number.

### Fast forward/backward during playback

Press **⏮** or **⏭** for more than 2 seconds once or more to select X2, X4, X8, X20 to fast backward or forward track during playback.

- During the fast forward or backward operation, press **⏮** briefly to playback again.
- During the fast forward or backward operation, the volume will be muted.

### Intro (for CD/VCD only)

You can play the beginning of every track for 15 seconds in sequence.

1. During playback, press **INT** once.
  - INT ON/OFF will appear on the display.
2. Press **INT** again to select the current track.



### Random track playback (for CD/VCD/MP3 Only)

You can play all the tracks in random order.

1. During playback, press **RDM** once or more.
  - RDM icon will appear on the display.
2. Press **RDM** again to select normal playback.

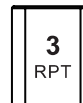


### Repeat

During playback, press **RPT** once or more.

- RPT icon will appear on the display.
- For VCD/CD: Display appears RPT ONE → RPT ALL → RPT OFF
- For DVD: Display appears RPT CHAPTER → RPT TITLE → RPT OFF
- For File disc: Display appears RPT ONE → RPT DIR → RPT ALL → RPT OFF

Note: If you do not select RPT on, when the entire disc or TITLE playback has finished, the system will stop. If no other control, after 5 minutes the unit will turn into standby mode.



### Repeat A → B

Select desired passage to repeat playback.

- Press **A → B** once to select starting point. Display shows REPEAT A.
- Press **A → B** again to select ending point.  
Display shows REPEAT A → B, and selected passage start to replay.
- Press **A → B** once again to exit. Display shows A → B CANCELLED.



## Track Playback

### Pause

- During playback, press **▶II** to pause playback.
  - The sound will be muted.
  - Display "PAUSE" in the TV screen, display and blink "PAUSE" on the faceplate display.
- Press **▶II** again to continue playback.



### PBC - Playback Control (for VCD only )

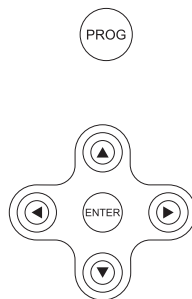
1. If you insert a VCD with PBC, playback starts from the beginning of the 1st track automatically.
2. Press **PBC** to show menu, use **◀◀** / **▶▶** or digit button to select desired track. Press **■** to return to menu. Press **PBC** again to exit menu.

### GOTO

Goto desired track/chapter or time point directly.  
Press **GOTO** button on the remote control, track or DVD Title/Chapter and time display on top of the screen. Current item is highlighted. Use **◀** / **▶** to select desired item. Use digit button to select number. Press **ENTER** to confirm.

### Program

- Press **PROG** to enter program list. Use **▲** / **▼** or **◀** / **▶** cursor and digit button to enter number.  
For DVD and File disc, select title and chapter number.  
For VCD and CD, select track number.
- Press **▶II** to play, or move the cursor to select "PLAY" and press **ENTER** to play.
- If you want to delete the list, move the cursor to "CLEAR", press **ENTER** to delete all the list set before.
- Press **PROG** again to exit program play.



PROG							
T	C	T	C	T	C	T	C
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
PLAY				CLEAR			

DVD and Files disc

PROG			
1	--	5	--
2	--	6	--
3	--	7	--
4	--	8	--
PLAY		CLEAR	

MP3, VCD and CD

## DVD Playback

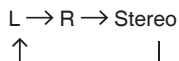
### DVD Audio Select

Press **AUDIO** or **R/L** to select audio language to listen if the DVD has multiple audio languages.



### VCD Audio Select

Press **R/L** to select audio channel to listen.



### DVD Subtitle Select

Press **SUB.T** to select the subtitle language to show if the DVD has multiple language subtitles.



### DVD TITLE Select

Press **TITLE** to display title or chapter list, use ◀ / ▶ or ▲ / ▼ cursor or digit number to select, press **ENTER** to play.



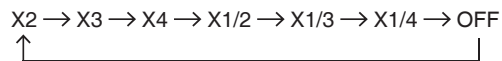
### DVD Angle Select

Press **ANGLE** to select different angle to view if the DVD has multiple-angle views.



### ZOOM

Press **ZOOM** button, the picture will be zoomed accordingly.



## DVD Setup

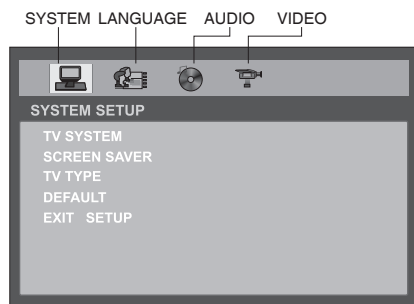
Press **SETUP** to display setup menu on the screen.

Use ◀/▶ to select setup items:

SYSTEM → LANGUAGE → AUDIO → VIDEO



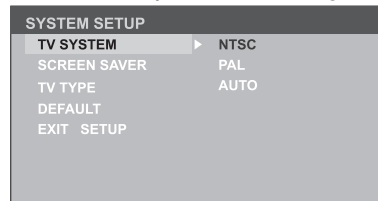
Use ◀/▶, ▲/▼ to select and **ENTER** to confirm.



## DVD System Setup

### TV System

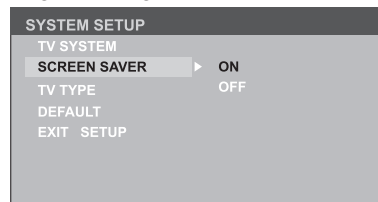
Select the TV system in the setting menu.



### Screen Saver

The screen saver appears if disc stop last more than 3 minutes.

Original setting: ON.



## DVD System Setup

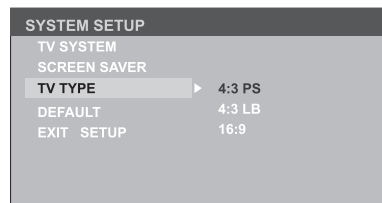
### Setting TV type

Select TV type to watch widescreen movies.

4:3 Pan Scan: For 4:3 TV, left and right edges will be cut.

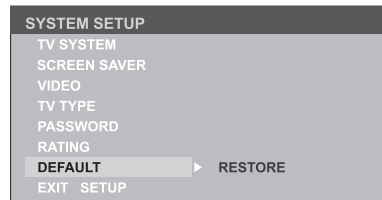
4:3 Letter Box: For 4:3 TV, black bars will appear on top and bottom.

16:9: For 16:9 wide screen TV.



### Load Default

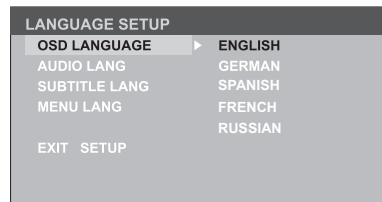
If this item is selected, the unit will return to original setting.



## DVD Language Setup

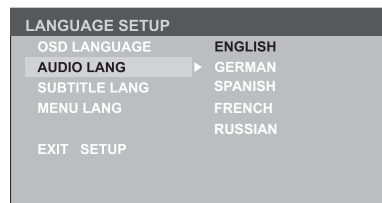
### OSD Language

Select on screen display language of the DVD.



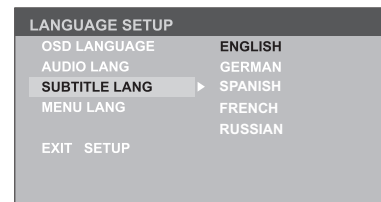
### Audio Language

Select audio language of the DVD from which are contained in the DVD.



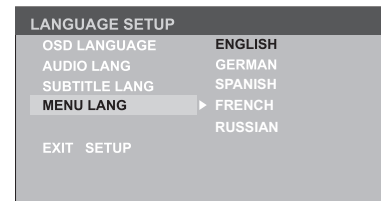
### Subtitle Language

Select subtitle language of the DVD from which are contained in the DVD.



### Menu Language

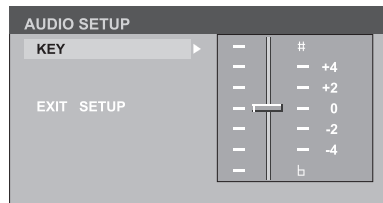
Select menu language of the DVD from which are contained in the DVD.



## DVD Audio Setup

### Setting Volume

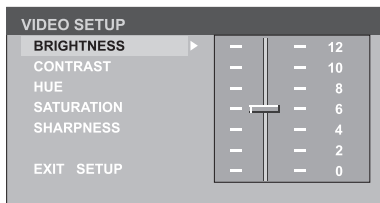
Setup the volume with the ▲ / ▼ buttons.



## DVD Video Setup

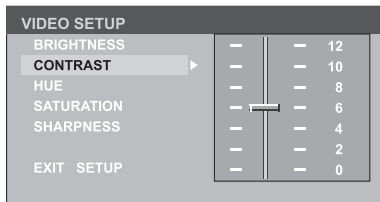
### Brightness

Set the brightness of the video output with ▲ / ▼ .



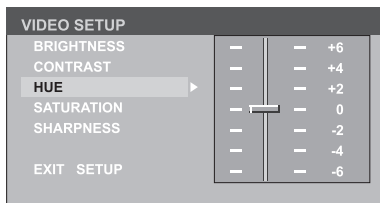
### Contrast

Set the contrast of the video output with ▲ / ▼ .



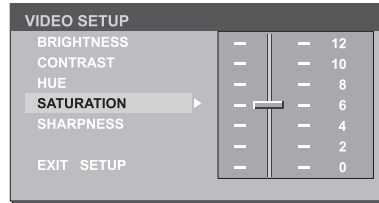
### Hue

Set the hue of the video output with ▲ / ▼ .



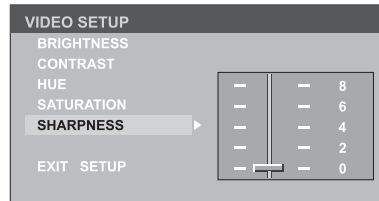
### Saturation

Set the saturation of the video output with ▲ / ▼ .



### Sharpness

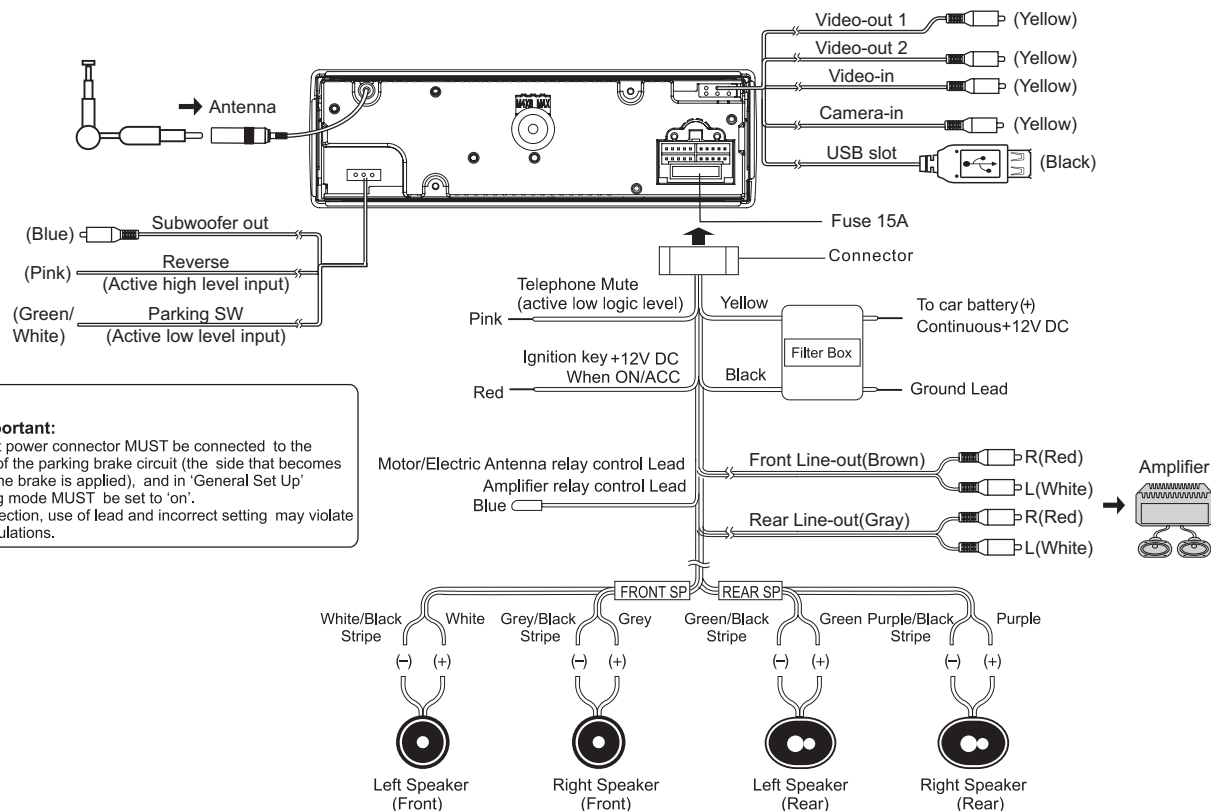
Set the sharpness of the video output with ▲ / ▼ .





# Electrical Connections

**Wiring Diagram (Professional Installation Recommended. Always Use a Voltage Meter for Testing. )**



## Important:


Parking lead at power connector **MUST** be connected to the switched side of the parking brake circuit (the side that becomes ground when the brake is applied), and in 'General Set Up' screen, parking mode **MUST** be set to 'on'. Improper connection, use of lead and incorrect setting may violate road traffic regulations.

# Installation Guide

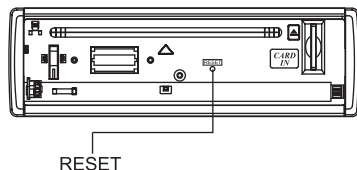
## Installation Procedures

First complete the electrical connections, and then check for correctness.

## Reset

Press  button to flip down the faceplate. Then press the **RESET** button with a pointed object to reset the unit to the original status.

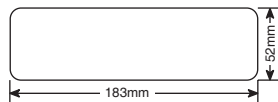
Note: Press the **RESET** button will erase the clock and stored stations.



## Installation Opening

This unit can be installed in any dashboard having an opening as shown below.

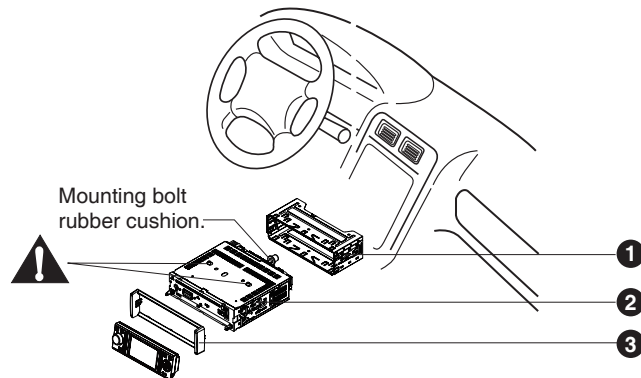
The dashboard should be 4.75mm - 5.56mm thick in order to be able to support the unit.



## IMPORTANT:



Remove these two screws before installation. Otherwise, the DVD player will not work.

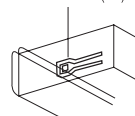


### 1. Inset mounting collar into the dashboard, and bend the mounting tabs out with a screwdriver.

Make sure that lock lever (※) is flush with the mounting collar (not projecting outward).

### 2. Secure the rear of the unit.

After fixing mounting bolt and power connector, fix the rear of the unit to the car body by rubber cushion.





### 3. Insert trim plate.

## Anti-Theft System

This unit is equipped with a flip-down detachable faceplate.  
Faceplate can be detached and taken with you, helping to deter theft.

### Remove the faceplate

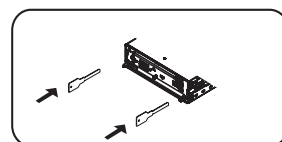
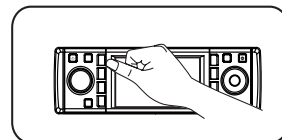
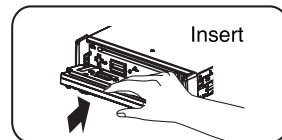
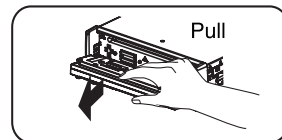
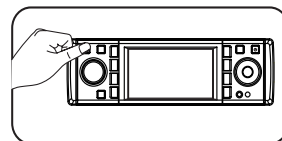
1. Press  button to switch off the power of the unit.
2. Press  button to flip down the faceplate.
3. Hold the right of the faceplate. Take off right end, and then take off the left end.
4. Place the faceplate into the case and take it with you when you leave the car.

### Install the faceplate

1. Hold the faceplate and ensure the faceplate faces downwards, and set the left side of the faceplate in the faceplate bracket.
2. Press the right side of the faceplate until it locks.

### Remove the unit

1. Remove the faceplate and the trim plate.
2. Insert both T-Keys into hole on the front of the set until they lock.
3. Pull out the unit.



## 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.

### General

#### No power or no sound.

Car's engine switch is not on. **Turn your car's key to ACC or ON.**

Cable is not correctly connected. **Check connection.**

Fuse is blown. **Replace fuse.**

**Check volume or mute on / off.**

If the above solutions cannot help. **Press the RESET button.**

**Check that telephone mute input cable is not been trapped and grounded during installation.**

### Disc

#### Disc is inside but 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 skips, tone quality is low.

Disc is dirty or damaged. Clean CD or change another CD.

#### Sound skips due to vibration.

Mounting angle is over 30°.

**Adjust mounting angle to less than 30°.**

Unstable mounting.

**Mount the unit securely with the mounting parts.**

### Radio

#### 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

#### Display shows ERROR.

Disc is dirty, damaged or upside down.

**Press  $\blacktriangle$  to eject the disc.**

#### When video file initializing time is too long.

File read error or file type not supported.

**Press SRC to exit. Then press SRC to play disc again.**

# Specifications

## General

Power supply	12VDC (11V-16V) Test voltage 14.4V, negative ground
Maximum power output	45Wx4 channels
Continuous power output	25Wx4 channels (4Ω 10% T.H.D.)
Suitable speaker impedance	4-8 ohm
Pre-Amp output voltage	4.0V(CD play mode: 1KHz, 0dB, 10KΩ load)
Fuse	15A
Dimensions(WxHxD)	178x50x166mm
Weight	2.2kg
Sub-out	4.0V
Aux-in level	≥ 300mV

## 3.5 Inch TFT LCD

Display resolution(dot)	320x(RGB)x234
Active area(mm)	76.32 (H)x42.822 (V)
Screen size(inch)	3.5 (16:9l)
Dot pitch(mm)	0.2385 (H)x0.183 (V)
Contrast ratio	350
Brightness	350nits

## FM Stereo Radio

Frequency range	87.5-108.0MHz (Europe) 87.5-107.9MHz (America)
Usable sensitivity	8dBμ
Frequency response	30Hz-15KHz
Stereo separation	30dB (1KHz)
Image response ratio	50dB
IF response ratio	70dB
Signal/noise ratio	>55dB

## AM(MW) Radio

Frequency range	522-1620KHz (Europe) 530-1710KHz (America)
Usable sensitivity(S/N=20dB)	30dBμ

## Disc Player

System	Disc digital audio system
Frequency response	20Hz - 20KHz
Signal/noise ratio	>80dB
Total harmonic distortion	Less than 0.20% (1KHz)
Channel separation	>60dB
Video signal format system	PAL/NTSC/AUTO
Video output	1 ± 0.2V
Horizontal nesowtiou	≥ 500 lines

## Components

Mounting collar	1
Machine screws M5x6 mm	4
M4x6 mm	4
Mounting bolt (50 mm)	1
Wire connector	1
Removable face plate case	1
Trim plate	1
T-key	2
Operating Instructions	1
Rubber cushion	1
Remote control	1

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

# Limited Warranty

Bravo View Technology warrants this product (including any accessory and/or cable) against defects in material or workmanship as follows:

1. **Labor.** For a period of 1 Year from original date of purchase, if the product is determined to be defective, Bravo View will repair or replace the product at no charge.
2. **Parts.** For a period of 1 Year from original date of purchase, Bravo View will at no charge, replace with new or rebuilt parts in exchange for defective parts. The warranty will either continue from date of original purchase or 90 days from repair (Whichever is longer).

This warranty does not cover customer misuse, improper installation, poor signal (including any "noise"), cosmetic damage, damage due by accident, abuse, negligence, commercial use, and improper operation.

Proof of Purchase in the form of a copy of a bill of sale or copy of receipted/invoice, which shows clearly the sale of the unit, is required.

Repair or Replacement as provided under this warranty is the exclusive remedy of the consumer. Bravo View Technology shall not be liable for any incidental or consequential damage for breach of any express or implied warranty on this product. In no event shall Bravo View Technology be liable for any incidental or consequential damage whatsoever arising out of the use or inability to use the product. Under no circumstance shall Bravo View Technology's liability exceed the purchase price paid for the product. Except to the extent prohibited by applicable law, any implied warranty or merchantability or fitness for a particular purpose on this product is limited in duration to the duration of this warranty.

## PROCESS:

1. Contact Bravo View and describe the problem with the unit. Please have your model number, date of purchase and where it was purchased ready. If requesting on-line, please include your name, address and telephone number.
2. If determined that the item is warrantable, Bravo View will issue a RA# and provide an address to mail the unit back to.
3. Bravo View is not responsible for articles lost or stolen during shipping. **IT IS ADVISABLE TO SHIP THE UNIT IN A METHOD IN WHICH YOU CAN TRACK THE PACKAGE, AND POSSIBLY INSURE THE PACKAGE.** Bravo View does not cover the expense of mailing the unit back to us.
4. Once Bravo View receives and validates the unit to ensure it is within warranty, Bravo View will replace the unit, fix the unit, or offer a substitute of the unit if a replacement is not available. Bravo View may send a refurbished unit back.
5. Bravo View will mail the unit back to you.

To obtain warranty service, you must contact Bravo View Technologies for a Return Authorization Number (RA#).  
866-40-BRAVO or visit [www.bravoview.com](http://www.bravoview.com).

