



PLRVST400

RV Wall Mount Audio/Video Receiver

AV Stereo Headunit with Wireless Bluetooth Streaming,
Multimedia Disc Player, HDMI ARC, AUX/MP3/USB Reader

User Manual

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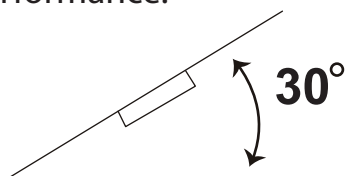
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INSTALLATION

Notes:

Choose the mounting location where the unit will not interfere with the normal driving function of the driver.

- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation.
The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is an emergency stop.
- If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.



- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

DIN FRONT/REAR-MOUNT

This unit can be properly installed either from “**Front**” (conventional DIN Front-mount) or “**Rear**” (DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods.

Installation Opening

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

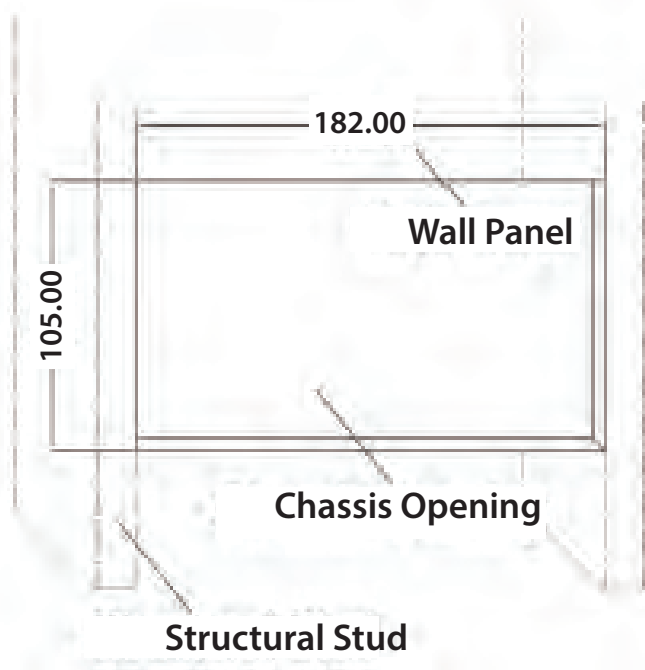
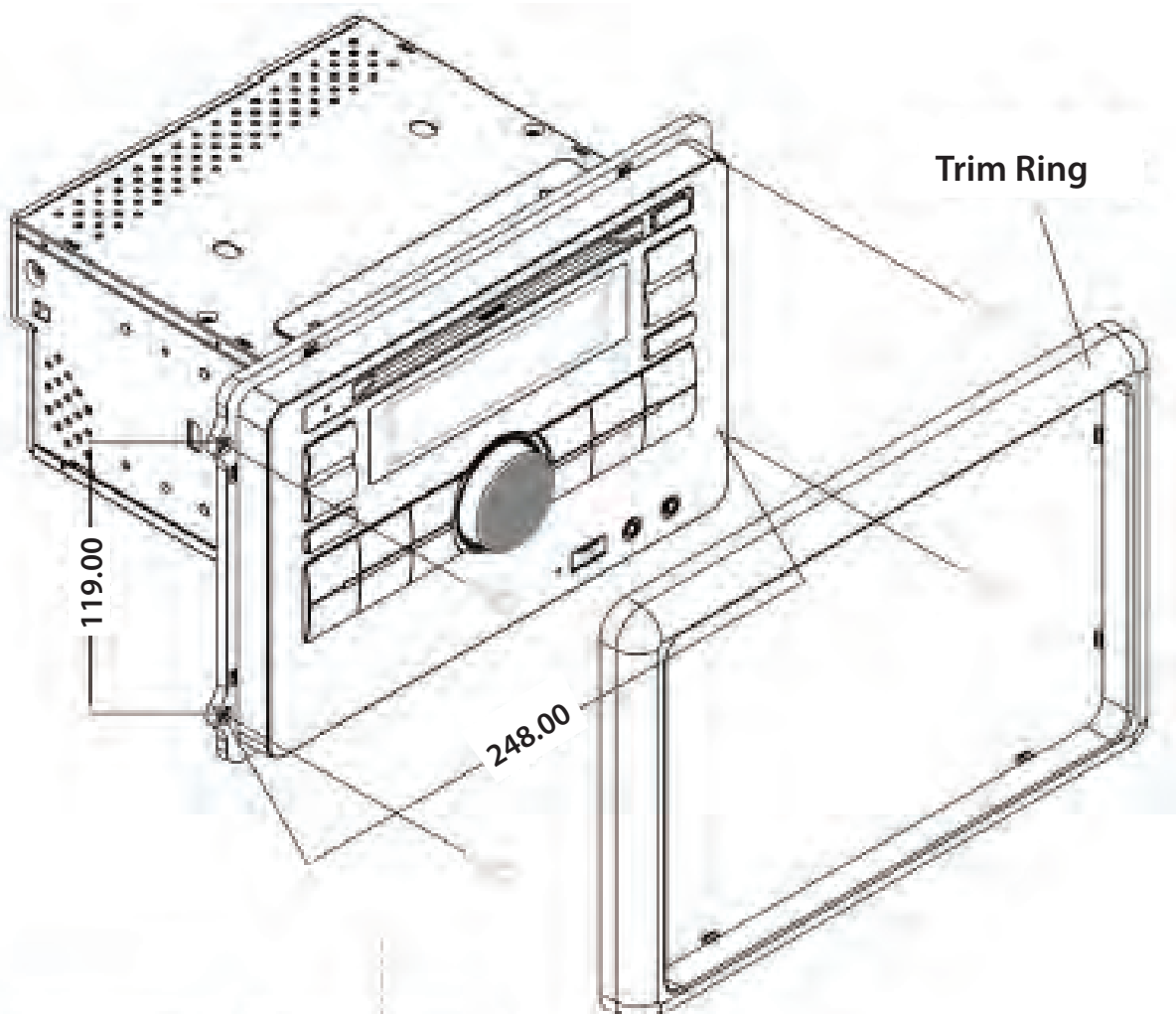
ATTENTIONS OF INSTALLATION

1. This player should be installed by professional technician.
2. please read the instruction and operation of equipment carefully before installing.
3. Make sure to connect other wires before power connection.
4. To avoid short circuit. Please make sure all the exposed wire are insulating.
5. Please fix all the wires after installation.
6. Please make connection to the player accordingly to this instruction manual.
Wrong connection may cause damage.
7. This player only fit for 12V DC device and please make sure your car belongs to this kind of cathode grounding electrical system.
8. Please connect the wires rightly. Wrong connection will cause malfunction or damage the electrical system.

MOUNTING

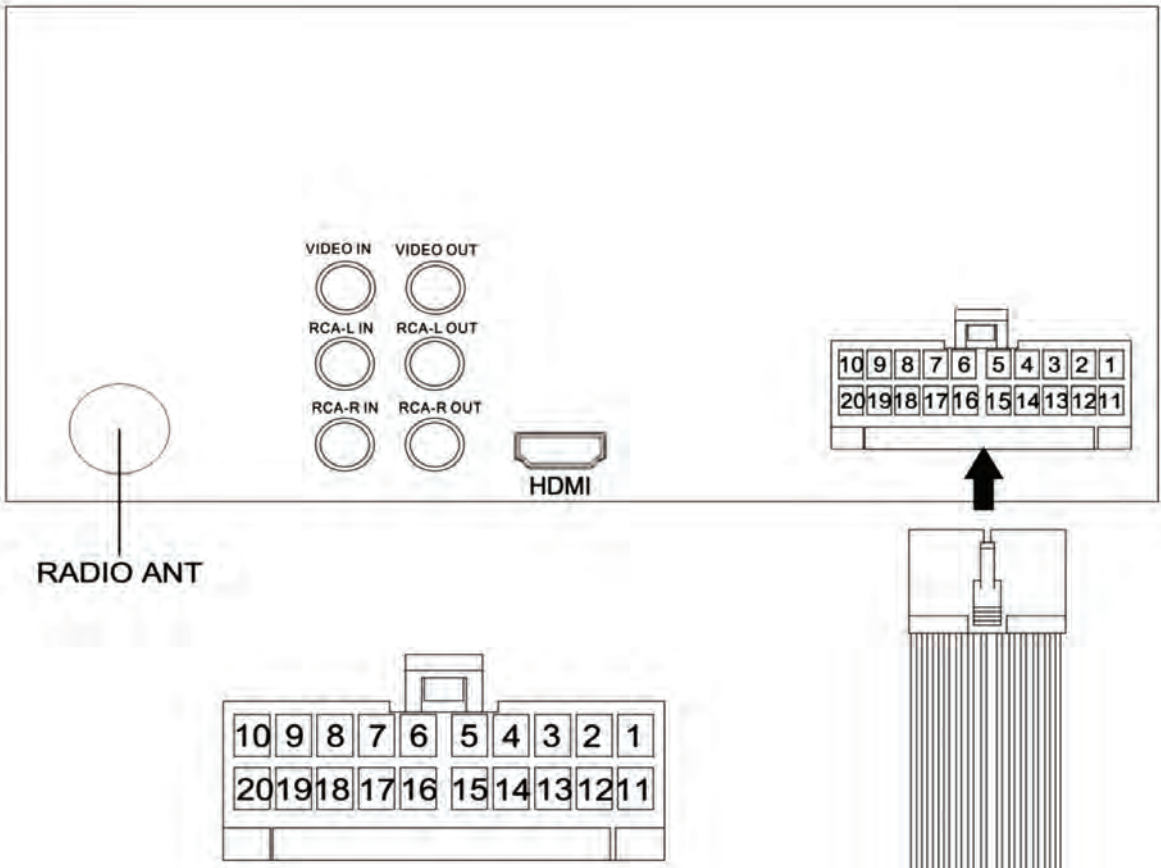


CAUTION: Do not install radio without rear cover installed. No user serviceable parts inside. Rear cover provides protection against potential fire hazard.



WIRING CONNECTION

ISO CONNECTION

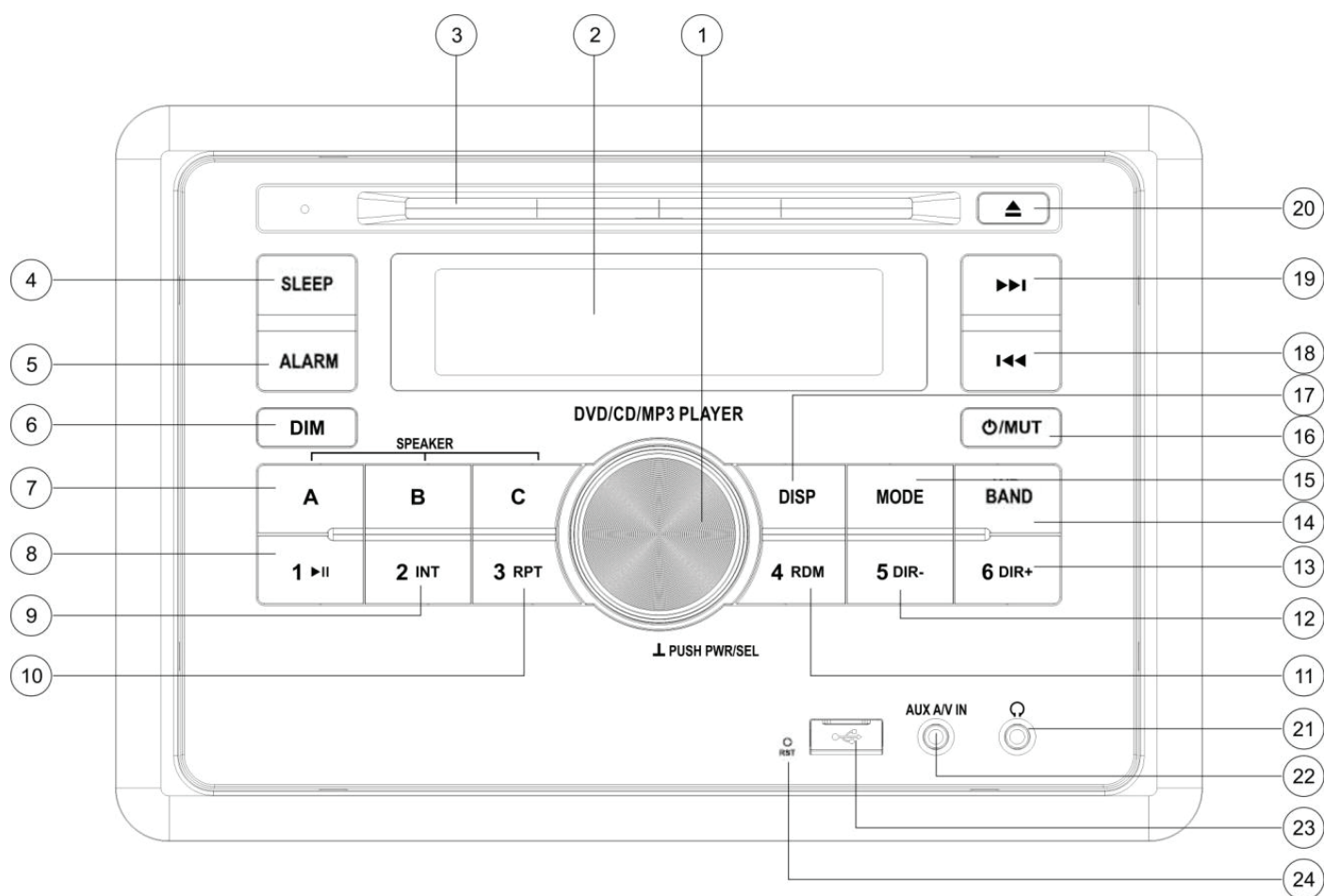


WIRE INSERTION VIEW

PIN NO	WIRE COLOR	DESCRIPTION
1	ORANGE / BLACK	RIGHT SPEAKER (+)
2	ORANGE / BLACK	RIGHT SPEAKER (-)
3		
4		
5	BLUE	POWER ANTENNA
6		
7	GRAY / BLACK	FRONT RIGHT SPEAKER (-)
8	GRAY	FRONT RIGHT SPEAKER (+)
9	PURPLE / BLACK	REAR RIGHT SPEAKER (-)
10	PURPLE	REAR RIGHT SPEAKER (+)
11	BROWN / WHITE	LEFT SPEAKER (+)
12	BROWN	LEFT SPEAKER (-)
13		
14	RED	ACC
15	YELLOW	B+
16	BLACK + BLACK	GROUND
17	WHITE / BLACK	FRONT LEFT SPEAKER (-)
18	WHITE	FRONT LEFT SPEAKER (+)
19	GREEN / BLACK	REAR LEFT SPEAKER (-)
20	GREEN	REAR LEFT SPEAKER (+)

OPERATION

LOCATION OF KEYS



- | | |
|------------------|----------------------|
| 1. VOL/PWR/SEL | 17. ↶/DISP |
| 2. LCD | 18. ⏮ |
| 3. DISC SLOT | 19. ⏭ |
| 4. SLEEP | 20. ▲ (Eject) |
| 5. ALARM | 21. EAR PHONE OUTPUT |
| 6. DIM (Dimmer) | 22. AUX IN Jack |
| 7. SPEAKER A/B/C | 23. USB INTERFACE |
| 8. 1 PAU | 24. RESET button |
| 9. 2 INT | |
| 10. 3 PRT | |
| 11. 4 RDM | |
| 12. 5 DIR- | |
| 13. 6 DIR+ | |
| 14. BAND | |
| 15. MODE | |
| 16. POWER/MUTE | |

OPERATION

Turn ON/OFF the unit and mute function

Press **MUTE** button to turn **ON** the unit. When the unit is on, shortly press this button for mute on/off. Press and hold this button to turn off the unit.

Audio & Setting Adjustment

Shortly press **SEL** button and rotate **VOL** knob to show below:

ZONE A->ZONE B->ZONE C.

To select one of them and press **SEL** and rotate **VOL** to enter below items:

BAS (-7~+7)->TRE (-7~+7)->BAL (R7~L7)->EQ (POP-ROCK-CLASS-JAZZ-OFF)

->LOUD (off/on)->P-VOL (00-40)

In each item, press **SEL** and rotating the **VOL** knob to set them.

Press and hold **SEL** button and rotate **VOL** into the **SETTING** menu as below:

CT (indep/sync)->CLOCK (12/24)->BEEP (off/on)->AREA (USA/EUR)->DX (LOC)

->STEREO (MONO)

In each item, press **SEL** and rotating the **VOL** knob to set them.

When shows menu, press the **DISP** button to exit the menu.

P_VOL Setting

Setting the power on volume. If the volume at shutdown is small than the **P-VOL**. Next time turning on the unit, the volume will be maintained at shutdown volume. If the volume at shutdown is greater than the P-VOL. Next time turning on the unit the volume will be restored to the P-VOL value.

CT (INDEP/SYNC)

CT INDEP: The clock works independently. It doesn't be synchronized to the RDS station's time.

CT SYNC: The clock will be synchronized to the received RDS station's time.

Note: When the time was set by manual. The CT will go back to INDEP mode automatically.

CLOCK 24/12: Setting the time to 24H or 12H format.

BEEP (ON/OFF): Turn on/off the beep sound.

AREA (USA/EUR): To choose USA or EUROPE frequency.

DX/LOC (Distance/Local):

LOC: Receive the strong signal station only in seek station.

DX: Receive strong and weak signal station in seek the station.

STEREO/MONO:

STEREO: Receive FM stereo signal.

MONO: Change FM stereo to monochrome. It can reduce the noise when the signal is weak.

Dimmer Function

Press **DIM** button to set the brightness to high/low.

ALARM Operation

Press and hold **ALARM** button to set the alarm time (using VOL knob to set them). Shortly press **ALARM** button to on/off alarm function. When alarm function is ON. The time is running to the alarm time. The speaker will output beep sound. The beep sound will output all the time until any key was pressed.

SLEEP Operation

Press and hold **SLEEP** button to set the sleep time (using **VOL** knob to set them). Shortly press **SLEEP** button to on/off sleep function. When sleep function is on and the time is running to the set time. The unit will turn off the unit automatically.

Information/Clock display

Shortly press **DISP** button to show the clock or information.

Clock Setting

Press and hold **DISP** button for 2 seconds. The "HH" will be flashing. Rotate **VOL** knob to set the hour. After that press **DISP** or **SEL** button the "MM" will be flashing. Rotate **VOL** knob to set the minute. Then press **DISP** or **SEL** button to confirm.

Speakers Output Control

The three speaker output buttons (SPEAKER A/B/C) control speaker output. Press any of the three buttons to turn up or down the corresponding speaker output.

RCA/HDMI Output

Behind the head unit, there are RCA sockets output. According the wiring picture above to connect. When playing the video file. You also use the HDMI port connect to the TV set (TV set needs to be set to HDMI source).

AUX IN/AV IN Function

AUX IN for front panel 3.5mm jack. AV IN for RCAs (Audio + Video) behind of the unit. Press **MODE** button switch to **AUX IN/AV IN** source.

ARC Function

Connecting the head unit and TV set used a HDMI cable. Press **MODE** button switch to **HDMI ARC** mode. The TV set's sound will transmit to the head unit's speakers.

MCU Reset

When some errors occur in display or functions doesn't work. Press **RESET** button (24) to reset the **MCU**. Then press **POWER** button to turn ON the unit.

DATA Reset

Press **MODE** button switch to **AUX IN** source. Press and hold "▶▶" button for 5 seconds. It will restore all data to factory settings. (**Note:** All memories will be lost.)

RADIO OPERATION

Receiving a radio station

Press **MODE** button to select radio source. Then press **BAND** button to select a band. Shortly press ▶▶/◀◀ button to receive the desired radio station. Press and hold ▶▶/◀◀ button for manual tuning the frequency.

Auto Store Station

Press and hold **BAND** button for 2 seconds to auto store stations to numeric buttons 1-6 of band 1~3.

Manually store station & recall preset station

To receive a station with **▶▶** or **◀◀** button. Press and hold one of the 1- 6 preset button for 2 seconds. The current station is stored into the number button. Shortly press the preset button (1~6) to directly listen the station that saved in the corresponding preset button.

In WEATHER BAND

1 button: 162.400 MHz

2 button: 162.425 MHz

3 button: 162.450 MHz

4 button: 162.475 MHz

5 button: 162.500 MHz

6 button: 162.525 MHz

The next station is 162.550 MHz.

Press **▶▶**/**◀◀** button to change these stations.

DISC/MP3/WMA Operation

Switch to DISC Source

Gently insert the **DISC** with the printed side uppermost into disc slot. DISC playback begins. Or press **MODE** button switch to DISC source.

SELECTING TRACKS

Press **◀◀**/**▶▶** button move to the previous / next track.

Hold **◀◀**/**▶▶** button to fast reverse or fast forward. Press "**▶||**" button to play again.

Pause/Play Operation

Press **▶||** button to pause playing. Press it again to resume play.

Intro Operation

Press **INT** button to play first 10 seconds of each track. Press it again to cancel this function.

Repeat One/All Operation

Press **RPT** button to repeat the same track. Press it again to repeat all tracks.

Random ON/OFF Operation

Press **RDM** button to play all tracks in random order. Press again to cancel this function.

Eject the disc: Press **▲** button to eject the disc.

DIR+/DIR- Function (for MP3/WMA)

Press **DIR-/DIR+** button to select previous/next directory to play.

+10/-10 File Function (for MP3/WMA)

Press and hold **DIR+/DIR-** button for 2 seconds to skip **+10/-10** file to play.

Search Song Operation

Press **BAND** button to select song search mode: DIR SCH or NUM SCH

1. **DIR SCH:** Press **BAND** button one time. It shows "**DIR SCH**". Rotating **VOL** knob to select the folder then press **SEL** knob into the folder. Rotate the **VOL** knob again to select the song. Then press **SEL** to play.
2. **NUM SCH:** Press **BAND** button twice. It shows "**NUM SCH**". You can select the song by directly enter numeric buttons: 0~9 (MODE=7, **⏮**=8, **⏭**=9, DISP=0).
You also can rotate the **VOL** knob to select the numeric. Then press **SEL** to play.

Video/Photo/Music Playing Change

When there are Video/Photo/Music files in the disc/USB. Insert the disc/USB to the unit, it will play the music automatically. Repeatedly Press and hold **BAND** button to change to below playing: **Music-->Video-->Photo**

CAUTION:

1. When connecting an MP3 player that has normal battery (non rechargeable battery), you should remove the battery first from the MP3 player then connect it to the USB interface. Otherwise, it may cause battery burst.
2. When there are important files in the DISC/USB/SD, do not connect it to the main unit to play. Our company assumes no responsibility for any important files that loss or damaged.

SUPPORTED MP3/WMA DECODING MODES

The main unit supports MP3/WMA (Windows Media Audio) decoding modes as below.

Standard	Bit Rate (kbps)	Bit Rate (kbps)
MPEG1 Audio Layer 3 (44.1kHz)	32, 48, 64, 96, 128,192, 256, 320	32, 48, 64, 96, 128,192, 256, 320
Windows Media Audio (44.1kHz)	64,96,128,192	64,96,128,192

The USB solution can support:

1. Folder: 500 max.
2. File: 999 max.
3. Depth of folder: 8 layers
4. Size: 64 GB

WIRELESS BT STREAMING OPERATION

PAIRING

Select the Wireless BT item and search the BT device on your phone. Select "**PyleUSA**" and input password "**0000**" if it needs a password. The BT icon will be displayed when successful paired.

Wireless BT Audio (A2DP function)

Press **MODE** button switch to "**BT MUSIC**" source. It will play a song of your mobile phone automatically. Press ►|| key to pause/play the song. Press ►|/◄| button to select next/previous song.

Disconnect the Wireless BT

After the phone is paired with the unit. Hold **MODE** key to disconnect/re-connect BT.

Note: At the first time pair with mobile phone, you have to use mobile phone to pair the unit. BT OFF/ON item only to disconnect and reconnect function.

DISC NOTES

A. Notes on discs:

Attempting to use non-standard shape discs (e.g. square, star, heart) may

1. Damage the unit. Be sure to use round shape CD discs only for this unit.
2. Do not stick paper or tape, etc, into the label side or the recording side of any discs, as it may cause a malfunction.
3. Dirt, dust, scratches and warping discs will cause misoperation.

B. Notes on CD-Rs (recordable CDs)/CD-RWs (rewritable CDs):

1. Be sure to use discs with following marks only for the unit to play:



2. The unit cannot play a CD-R and CD-RW that is not finalized.
(Please refer to the manual of your CD-R/CD-RW recorder or CD-R/CD-RW software for more information on finalization process).
3. Depending on the recording status, conditions of the disc and equipment used for the recording, some CD-Rs/CD-RWs may not be played on this unit. (see *1)
***1: To have more reliable play back, please see following recommendations:**
 - a. Use CD-RWs with speed 1x to 4x and write with speed 1x to 2x.
 - b. Use CD-Rs with speed 1x to 8x and write with speed 1x to 2x.
 - c. Do not play a CD-RW which has been written for more than 5 times.

C. Notes on MP3 files (MP3 Version Only):

1. The disc must be in the **ISO9660** level 1 or level 2 format, or Joliet or Romeo in the expansion format.
2. When naming MP3 file, be sure the file name extension is **".MP3"**.
3. For a non-MP3 file, even though the file name extension is **".MP3"**, the unit will not recognize it.

REMOTE CONTROL



KEYS	ACTION	RADIO	DISC	USB	AUX/AV IN	BT MUSIC
POWER	Short	Power off	Power off	Power off	Power off	Power off
	Long	power off	power off	power off	power off	power off
A	Short	Zone A mute on / off	Zone A mute on / off	Zone A mute on / off	Zone A mute on / off	Zone A mute on / off
	Long	/	/	/	/	/
B	Short	Zone B mute on / off	Zone B mute on / off	Zone B mute on / off	Zone B mute on / off	Zone B mute on / off
	Long	/	/	/	/	/
C	Short	Zone C mute on / off	Zone C mute on / off	Zone C mute on / off	Zone C mute on / off	Zone C mute on / off
	Long	/	/	/	/	/
MUTE	Short	Mute all on/off	Mute all on/off	Mute all on/off	Mute all on/off	Mute all on/off
	Long	/	/	/	/	/
VOL+	Short	Volume up	Volume up	Volume up	Volume up	Volume up
	Long	Volume up fast	Volume up fast	Volume up fast	Volume up fast	Volume up fast
VOL-	Short	Volume down	Volume down	Volume down	Volume down	Volume down
	Long	Volume down fast	Volume down fast	Volume down fast	Volume down fast	Volume down fast

DISC	Short	switch to DISC source	DIR SCH/ NUM SCH	switch to DISC source	switch to DISC source	switch to DISC source
	Long	/	/	/	/	/
AM/FM SAVE	Short	band change	switch to radio source	switch to radio source	switch to radio source	switch to radio source
	Long	Auto store	/	/	/	/
AUX	Short	switch to AUX IN source	switch to AUX IN source	switch to AUX IN source	/	switch to AUX IN source
	Long	switch to AV IN source	switch to AV IN source	switch to AV IN source	/	switch to AV IN source
USB	Short	switch to USB mode	switch to USB mode	DIR SCH/ NUM SCH	switch to USB mode	switch to USB mode
	Long	/	/	/	/	/
BT	Short	switch to BT source	switch to BT source	switch to BT source	switch to BT source	/
	Long	BT off/link	BT off/link	BT off/link	BT off/link	BT off/link
0/DIS P	Short	info/clock	info/clock/SCH:0	info/clock/SCH:0	info/clock	info/clock
	Long	Clock setting	Clock setting	Clock setting	Clock setting	Clock setting
1/PA U	Short	Recall M1 station	play/pause/SCH:1	play/pause/search :1	/	play/pause
	Long	Save to M1	/	/	/	/
2/INT	Short	Recall M2 station	INT on/off/SCH:2	INT on/off/SCH:2	/	/
	Long	Save to M2	/	/	/	/
3/RPT	Short	Recall M3 station	RPT(ONE/ALL)/ SCH:3	RPT(ONE/ALL)/ SCH:3	/	/
	Long	Save to M3	/	/	/	/
4/RD M	Short	Recall M4 station	RDM on/off/SCH:4	RDM on/off/SCH:4	/	/
	Long	Save to M4	/	/	/	/
5/DIR- +	Short	Recall M5 station	DIR-/SCH:5	DIR-/SCH:5	/	/
	Long	Save to M5	-10	-10	/	/
6/DIR +	Short	Recall M6 station	DIR+/SCH:6	DIR+/SCH:6	/	/
	Long	Save to M6	+10	+10	/	/
7/EQ/ LOUD	Short	POP-ROCK-CLAS-JAZZ-OFF	POP-ROCK-CLAS-JAZZ-OFF /SCH:7	POP-ROCK-CLAS-JAZZ-OFF /SCH:7	POP-ROCK-CLAS-JAZZ-OFF	POP-ROCK-CLAS-JAZZ-OFF
	Long	LOUD on/off	LOUD on/off	LOUD on/off	LOUD on/off	LOUD on/off
8/I<<	Short	Seek down	previous file/SCH:8	previous file/SCH:8	/	previous file
	Long	Manual turn down	FR	FR	/	/
9/>>I	Short	Seek up	next file/SCH:9	next file/SCH:9	/	next file
	Long	Manual turn up	FF	FF	/	/
REW <<	Short	Manual turn down	FR	FR	/	/
	Long	/	/	/	/	/
FWD >>	Short	Manual turn up	FF	FF	/	/
	Long	/	/	/	/	/

SEL	Short	ZONE A->ZONE B->ZONE C (BAS-TRE-BAL-E Q-LOUD-P_VOL)	ZONE A->ZONE B->ZONE C (BAS-TRE-BAL-E Q-LOUD-P_VOL)	ZONE A->ZONE B->ZONE C (BAS-TRE-BAL-E Q-LOUD-P_VOL)	ZONE A->ZONE B->ZONE C (BAS-TRE-BAL-E Q-LOUD-P_VOL)	ZONE A->ZONE B->ZONE C (BAS-TRE-BAL-E Q-LOUD-P_VOL)
	Long	CT(indep/sync/->CLOCK(12/24)->BEEP->AREA/DX /STEREO	CT(indep/sync/->CLOCK(12/24)->BEEP	CT(indep/sync/->CLOCK(12/24)->BEEP	CT(indep/sync/->CLOCK(12/24)->BEEP	CT(indep/sync/->CLOCK(12/24)->BEEP
ALARM	Short	Alarm on/off	Alarm on/off	Alarm on/off	Alarm on/off	Alarm on/off
	Long	Alarm setting	Alarm setting	Alarm setting	Alarm setting	Alarm setting
SLEEP	Short	Sleep on/off	Sleep on/off	Sleep on/off	Sleep on/off	Sleep on/off
	Long	Sleep setting(1-59 Minutes)	Sleep setting(1-59 Minutes)	Sleep setting(1-59 Minutes)	Sleep setting(1-59 Minutes)	Sleep setting(1-59 Minutes)
DIM	Short	DIM high/low	DIM high/low	DIM high/low	DIM high/low	DIM high/low
	Long	/	/	/	/	/
⏏	Short	/	Cursor up move	/	/	/
	Long	/	/	/	/	/
⏏	Short	/	Cursor down move	/	/	/
	Long	/	/	/	/	/
<	Short	/	Cursor left move	/	/	/
	Long	/	/	/	/	/
>	Short	/	Cursor right move	/	/	/
	Long	/	/	/	/	/
OK	Short	/	Confirm	Confirm	/	/
	Long	/	/	/	/	/
STOP	Short	/	stop	/	/	/
	Long	/	/	/	/	/
SETUP	Short	/	Setup menu	/	/	/
	Long	/	/	/	/	/
ZOOM	Short	/	Zoom in	/	/	/
	Long	/	/	/	/	/
TITLE	Short	/	back to TITLE menu	/	/	/
	Long	/	/	/	/	/
GOTO	Short	/	GOTO	/	/	/
	Long	/	/	/	/	/
AUDIO MO/ST	Short	MONO/STEREO	Audio	Audio	/	/
	Long	/	/	/	/	/
SUB-T	Short	/	Sub-title	/	/	/
	Long	/	/	/	/	/

TROUBLESHOOTING

Before going through the checklist, check wiring connection. If any of the problems persist after checklist has been made, consult your nearest service dealer.

Symptom	Cause	Solution
No power	The car ignition switch is not on.	If the power supply is connected to the car accessory circuits, but the engine is not moving, switch the ignition key to "ACC".
	The fuse is blown	Replace the fuse
Disc cannot be loaded or ejected.	Presence of CD disc inside the player.	Remove the disc in the player, then put a new one.
	Inserting the disc in reverse direction.	Insert the compact disc with the label facing upward.
	Compact disc is extremely dirty or defective disc.	Clean the disc or try to play a new one.
	Temperature inside the car is too high.	Cool off or until the ambient temperature return to normal.
	Condensation	Leave the player off for an hour or so, then try again.
No sound	Volume is in minimum	Adjust volume to a desired level
	Wiring is not properly connected	Check wiring connection
Sound skips	The installation angle is more than 30 degree.	Adjust the installation angle less than 30 degree.
	The disc is extremely dirty or defective disc.	Clean the compact disc, then try to play a new one.
The operation keys do not work	The built-in microcomputer is not operating properly due to noise.	Press the RESET button. Front panel is not properly fixed into its place.
The radio does not work. The radio station automatic selection does not work.	The antenna cable is not connected.	Insert the antenna cable firmly.
	The signals are too weak.	Select a station manually.

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Questions? Issues?

We are here to help!

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Email: support@pyleusa.com