

User's Manual

615UA

MP3-COMPATIBLE
IN-DASH DIGITAL MEDIA RECEIVER
WITH USB AND SD MEMORY CARD PORTS
AND FRONT PANEL AUX INPUT



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Notes:



615UA

MP3-Compatible
In-Dash Digital Media Receiver
with USB And SD Memory Card Port
And Front Panel AUX Input

Congratulations on your purchase
of a **BOSS** Digital Media Receiver.

It has been designed, engineered
and manufactured to bring you the
highest level of performance and
quality, and will afford you years of
listening pleasure.

Thank you for making **BOSS** your
choice for car audio entertainment!

What's inside the box:

615UA x 1

Instruction Manual x 1

Wire Harness x 1

Support Strap x 1

5mm Nut x 1

5 x 15mm Screw x 1

Unit Release Lever x 2

Remote Control x 1

USER'S MANUAL

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Installation

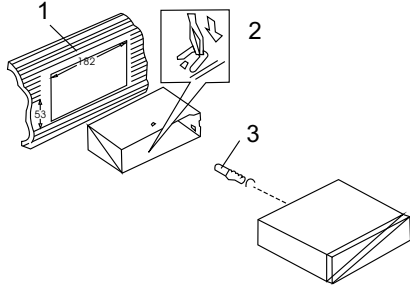
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your 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 a sudden stop, like an emergency stop.
- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from heater, or where it would be subject to dust dirt or excessive vibration.
- Be Sure to remove the front panel before Installing the unit.

DIN FRONT/REAR-MOUNT

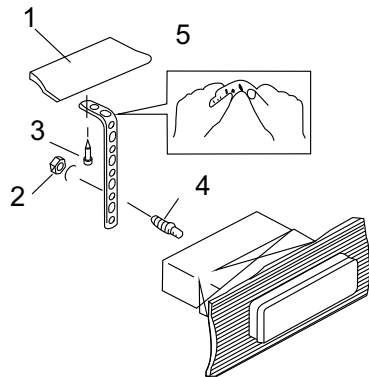
This unit can be properly installed either from "Front" (conventional DIN Front-mount) or "Rear" (DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods A and B.

DIN FRONT-MOUNT (Method A)

Installation the unit



1. Dashboard
2. Holder
After inserting the half sleeve into the dashboard, select the appropriate tab according to the thickness of the dashboard material and bend them inwards to secure the holder in place.
3. Screw



1. Dashboard
2. Nut (5mm)
3. Screw (5x15mm)
4. Screw
5. Support Strap
Be sure to use the support strap to secure the back of the unit in place. The strap can be bent by hand to the desired angle.

Trouble Shooting

Before going through the check list, check wiring connection. If any of the problems persist after check list 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 properly connected to the car accessory terminal switch the ignition key to ACC.
	The fuse is blown.	Replace the fuse.
No sound.	Volume is in minimum.	Adjust volume to a desired level.
The radio does not work.	Wiring is not properly connected.	Check wiring connection.
	The antenna cable is not connected.	Insert the antenna cable firmly.
Poor AM and FM reception	The signals are too weak.	Select a station manually.
		Replace with a good sensitivity whip antenna

NOTES: Good ground connections eliminate most electrical noise problems and require tight contact with the metal vehicle chassis. Remove plastics, paint, or rust for good electrical contact

Setting Mode:

You can make changes to the system setting in the following area:

Radio Frequency Range + Enable/Disable AUX In + Clock Format

The display will show “TEST MOD” briefly to indicate you are in system setting area and then automatically change to Radio Frequency selection mode. At any time, you can press the > button to step through the above areas. When you are ready to leave the System Setting area, press ENTER. The unit will reboot to initialize with the new setting.

- Radio Settings

The unit can operate on several different frequency ranges. Please see the following for these ranges. The default frequency range is “AMERICAN 2” .

BAND NAME	FREQUENCY RANGE	
AMERICAN 1	FM:87.5-108MHz	AM:520-1710kHz
AMERICAN 2	FM:87.5-107.9MHz	AM:530-1710kHz
EUROPE 10	FM:87.5-108MHz	AM:522-1620kHz
EUROPE 5	FM:87.5-108MHz	AM:522-1620kHz
MID EAST	FM:87.5-108MHz	AM:531-1602kHz
AUST (AUSTRALIA)	FM:87.5-108MHz	AM:522-1593kHz
RUSSIA	FM:87.5-108MHz	AM:522-1620kHz
JAPAN	FM:87.5-108MHz	AM:522-1629kHz

To change the range to suit your location, press DOWN ARROW until the desired frequency range is highlighted. The press > to save it and move to next setting area.

-AUX Input Enable/Disable

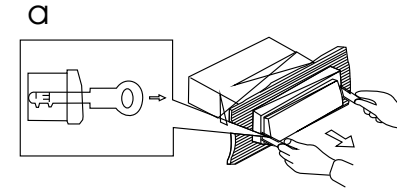
Press DOWN ARROW to move between Enable and Disable modes. When the selection has been made, press > to save it and move to next setting area or press ENTER to leave the System Setting mode.

If Aux Input is disabled in System Settings, any input connected will not be played.

-Clock Format (12-hour or 24-hour)

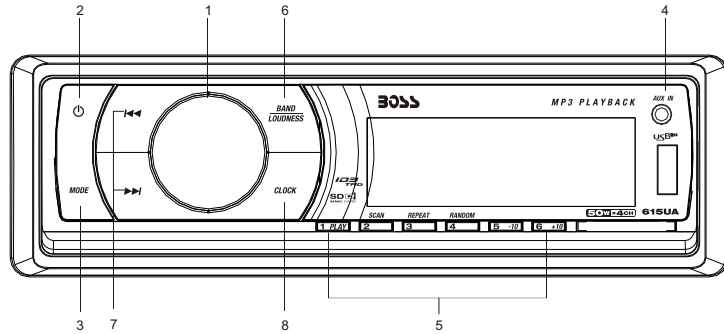
Press DOWN ARROW to move between 12-hour and 24-hour format, press > to save it and move to next setting area or press ENTER to leave the System Setting mode.

Removing the unit



a. Insert the levers supplied with the unit into the grooves at both sides of the unit as shown in figure until they click. Pulling the levers makes it possible to remove the unit from the dashboard.

General And Radio Control



- 1.) **VOLUME UP/DOWN KNOB (TURN)**
AUDIO MODE SELECTOR (PRESS)
 In normal mode, use this knob to increase / decrease the volume level.

To access various sound parameters push the button (like a button) to cycle through the following adjustable settings:

VOLUME>BASS>TREBLE>BALANCE
 >FADER>EQUALIZER

Use volume knob to increase / decrease the setting of Volume, Bass, Treble, Balance and Fader

For Equalizer, rotate the volume knob cycle through and select response curve you wish:
 POPS, ROCK , CLASSIC or FLAT.

To save setting, press the knob and move on next parameter. You can exit the system by pressing until you return to VOL, or simply do nothing and the unit will return to normal mode automatically.

- 2.) **POWER / MUTE**

Press Power to turn on the unit, press Power to MUTE the audio. Rotate VOL to return to normal. Press and hold Power to turn off the unit.

- 3.) **MODE**

Press the button repeatedly to cycle through the audio input sources:

RADIO>USB>SD CARD>AUX IN

- 4.) **AUX IN**

This jack is a convenient way to play music from MP3 player such as iPod through your car stereo.

Simply connect headphone output from MP3 player to this input jack. Press MODE to select AUX as input source and begin to play music on the MP3 player.

- 5.) **RADIO PRESET 1-6**

These buttons are used to store radio stations. To set a preset, tune the desired radio station, then press and hold the preset you wish to assign that station more than one second and release. To replace it with different station, repeat the process and the new setting will override the previous one.

- 6.) **BAND**

Press briefly, repeatedly to cycle through five radio bands:

FM1>FM2>FM3>AM1>AM2

- 7.) **TUNE/SEEK UP/DOWN BUTTON**

Press this button briefly to step up or down the radio dial in single step increments. Press and hold for half second to enter SEEK mode. In this mode the tuner will stop at the next strong station available.

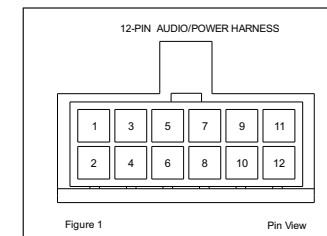
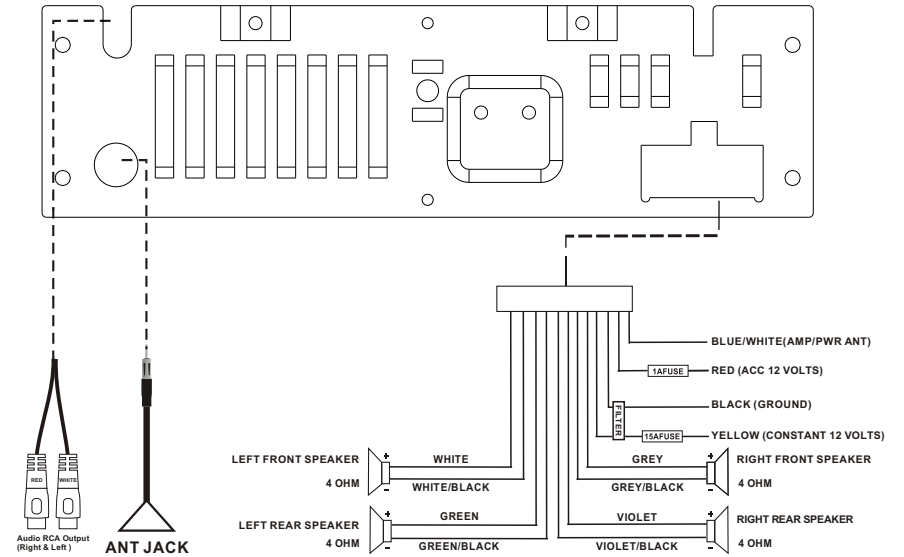
- 8.) **CLOCK**

Press to display clock. See instruction elsewhere in this manual for setting the time.

Specifications

Supply voltage : 12V DC(11V-15V)
 Current consumption : Less than 15A
 Audio signal output : 2 CH line out
 Characteristics : Frequency response: 100Hz - 10KHz
 Frequency coverage : AM 530 - 1710KHz ; FM 87.5 - 107.9MHz

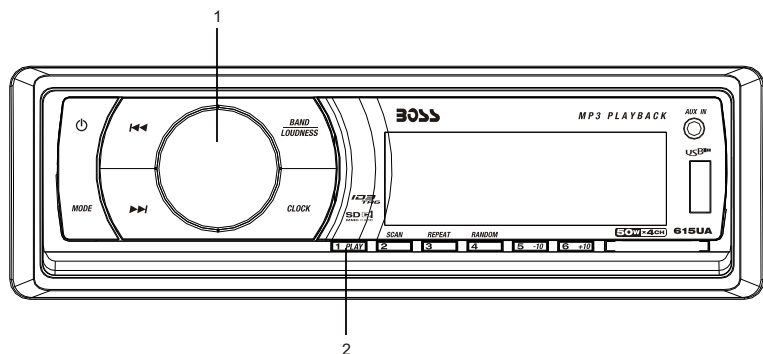
WIRE CONNECTION DIAGRAM +13.8V DC NEGATIVE GROUND



PIN	WIRE COLOR	FUNCTION/LABEL
1	VIOLET	RIGHT REAR SPEAKER(+)
2	VIOLET/BLACK	RIGHT REAR SPEAKER(-)
3	GREY	RIGHT FRONT SPEAKER(+)
4	GREY/BLACK	RIGHT FRONT SPEAKER(-)
5	WHITE	LIFE FRONT SPEAKER(+)
6	WHITE/BLACK	LIFE FRONT SPEAKER(-)

PIN	WIRE COLOR	FUNCTION/LABEL
7	GREEN	LEFT REAR SPEAKER (+)
8	GREEN/BLACK	LEFT REAR SPEAKER (-)
9	BLUE	POWER ANTENNA
10	RED	IGNITION(ACC)
11	BLACK	CHASSIS GROUND
12	YELLOW	BATTERY(+)

Setting the clock



To change the clock setting, press and hold the **CLOCK** button (2). The hour and minutes display will begin flashing.

Setting the time

After pressing **CLOCK**, to change the time, rotate the knob (1) to correct the time. To switch between hour and minutes settings, press the knob. To enter the normal mode, press **CLOCK** or wait few seconds.

Setting the time display mode

After pressing **CLOCK**, to switch between 24 hour mode and 12 hour mode ("AM/PM" mode), by pressing and hold **CLOCK** until the display mode changes.

using remote control....

1.) POWER Use to turn receiver on/off

2.) TUNE/SEEK Press this button briefly to step up or down the radio dial in single step increments. Press and hold for half second to enter **SEEK** mode. In this mode the tuner will stop at the next strong station available.

3.) EQ (Preset Equalizer Curves) Press repeatedly to cycle through four preset curves **FLAT**, **POPS**, **ROCK** or **CLASSIC**.

4.) MUTE Press to silence the audio. Press again to return to previous volume level.

5.) VOLUME - / VOLUME + Use to increase or decrease volume level

6.) LOC (Local/Distant Select) In some areas, the reception of FM stations may be weak. Change the reception mode to **LOC** by pressing the button may improve the reception. Press again to return to **DISTANT** mode.

7.) SELECT Press this button to cycle through the following adjustable settings:

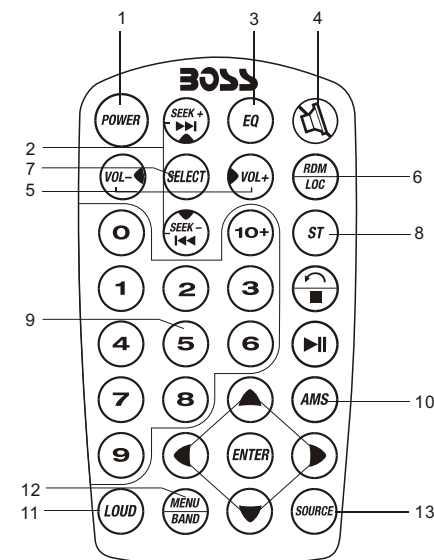
VOLUME>BASS>TREBLE>BALANCE
>FADER>EQUALIZER

8.) MO/ST In some areas, the reception of FM stations may be weak. Change the reception mode to **MONO** by pressing the button may improve the reception. Press again to return to **STEREO**

9.) RADIO PRESET 1-6 After you preset the stations via front panel, you can use this buttons 1-6 to select the preset stations.

10.) AMS (Auto Music Scan) This is the easiest way to set up the preset station in each radio band. If you press **AMS**, the radio will scan up all the strongest station and preset automatically. Please note, all the previous preset will be lost.

11.) Loudness Press to increase bass output. Press again to turn off Loudness function.



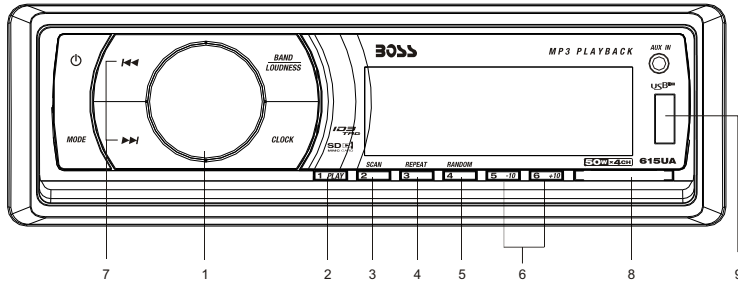
12.) BAND Press briefly, repeatedly to cycle through five radio bands:

FM1>FM2>FM3>AM1>AM2

13.) SOURCE (Input select, same as **MODE** on head unit) Press the button repeatedly to cycle through the audio input sources:

RADIO>USB>SD CARD
> AUX IN

USB/SD Card (MP3 Playback) Control



1.) DIRECT SEARCH

The MP3 playback in USB/ SD Card contain Direct Search function. You can press and hold VOL knob until “DIRSEARCH”. Rotate the knob to select specific track folder. Press the knob to play those tracks.

2.) PLAY/PAUSE

Files will begin to play automatically. Press Play to pause the MP3 playback and “PAUSE” will be displayed. Press again to resume playback.

3.) SCAN (Intro Scan)

To audition the first 10 seconds each track, press this button. Press again to cancel and begin to play the auditioned track.

4.) REPEAT (Repeat Play Mode)

Press this button to repeat all the playback automatically. “RPT ON/OFF” will be displayed. Press again to cancel.

5.) RANDOM (Random Play Mode)

Press this button to play all MP3 files in random order. “RDM ON/OFF” will be displayed. Press again to cancel.

6.) -10 / +10 BUTTONS

To skip back or ahead 10 tracks, press this button.

7.) |<< and >>| (Skip back/skip forward)

Press those buttons to skip back or ahead one track.

8.) SD CARD SLOT

Insert SD card in this slot for playback

9.) USB PORT

Insert USB drive in this port for playback

using remote control...

1.) |<< and >>| (Skip back / forward)

Press those buttons to skip back or ahead one track.

2.) RDM (Random Play Mode)

Press this button to play all MP3 files in random order. “RDM ON/OFF” will be displayed. Press again to cancel.

3.) STOP

Press to stop playback. Press PLAY PAUSE to begin playback on the first track (NOT the track on last play)

4.) PLAY/PAUSE

Files will begin to play automatically. Press Play to pause the MP3 playback and “PAUSE” will be displayed. Press again to resume playback.

5.) RPT (Repeat Play Mode)

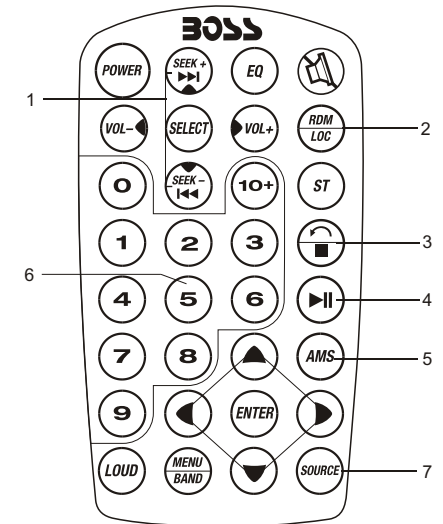
Press this button to repeat all the playback automatically. “RPT ON/OFF” will be displayed. Press again to cancel.

6.) NUMERIC PAD

Press the number key during playback to select particular track.
For example, #45, press 4, 5, Enter and the 45th track will begin to play.

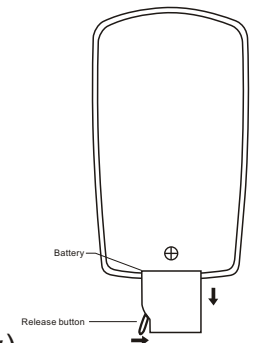
7.) SOURCE (Input select, same as MODE on head unit)

Press the button repeatedly to cycle through the 4 audio input sources in order to select either USB or SD modes.



Changing the battery in remote control

The remote is held one small “drawer” on one edge of the remote. To open this drawer, press and hold the small button on the edge of this small drawer (as show) and slide the drawer out.



Insert the new battery and push the drawer back fully into the remote.