USER'S MANUAL

630UASB

BLUETOOTH®-ENABLED

MP3-COMPATIBLE DIGITAL MEDIA AM/FM RECEIVER

FEATURING BUILT-IN SPEAKERS


MP3 AUDIO OUTPUT COMPATIBLE

BLUETOOTH

AUDIO STREAMING

USB

AUX FRONT

SD

WIRELESS R/C

CD

BOSS®
AUDIO SYSTEMS

CONTENTS

INSTALLATION

- Choose the mounting location where the unit will not interfere with the driver.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected 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 angel exceeds 30° from horizontal, the unit might not give its optimum performance and could compromise water resistance.
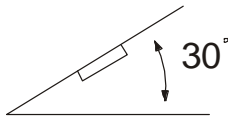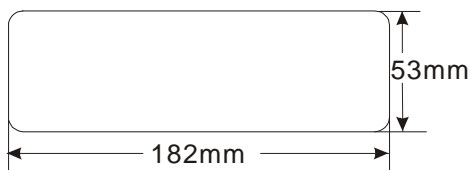

- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

DIN MOUNT

Installation Opening

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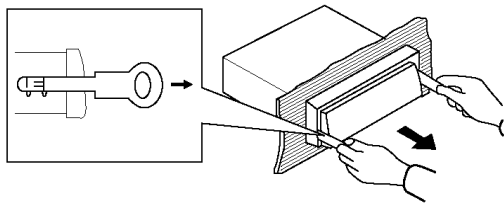

Installing the unit

1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Disconnect the wire harness and the antenna.
3. Mount the sleeve by inserting the sleeve into the opening of the dashboard and bend open the tabs located around the sleeve with a screw driver. Not all tabs will be able to make contact, so examine which ones will be most effective. Bending open the appropriate tabs behind the dashboard to secure the sleeve in place.
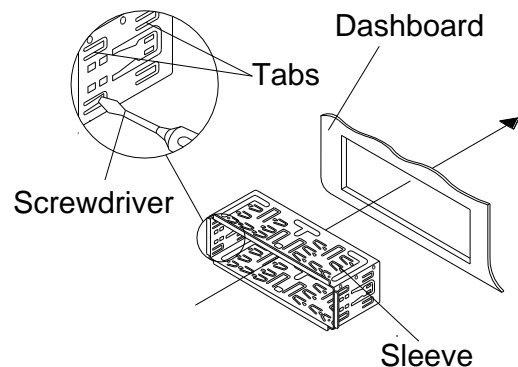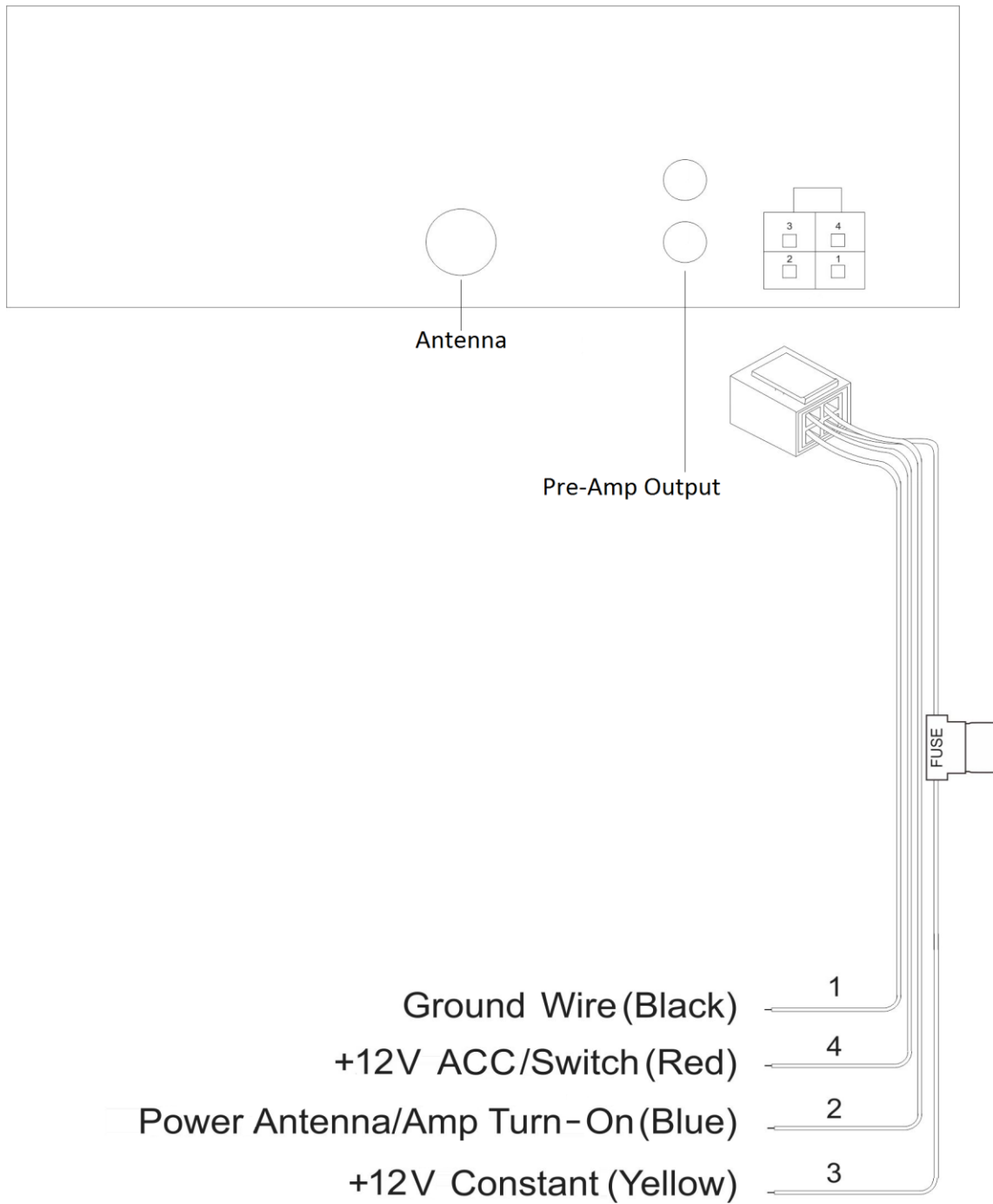

4. Reconnect the wire harness and the antenna and be careful not to pinch any wires or cables.
5. Slide the unit into the sleeve until it locks into place.
6. Reconnect the cable to the vehicle battery's negative (-) terminal. Then replace the outer trim ring.

REMOVING THE UNIT

1. Make sure the ignition is turned off, then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Remove the metal strap attached the back of the unit (if attached).
3. Lift the top of the outer trim ring then pull it out to remove it.

4. Insert both of the supplied keys into the slots at the middle left and right sides of the unit, then pull the unit out of the dashboard.

WIRING

Antenna

Pre-Amp Output

FUSE

3	4
2	1

Ground Wire (Black) — 1
+12V ACC/Switch (Red) — 4
Power Antenna/Amp Turn-On (Blue) — 2
+12V Constant (Yellow) — 3

OPERATION

Button Description
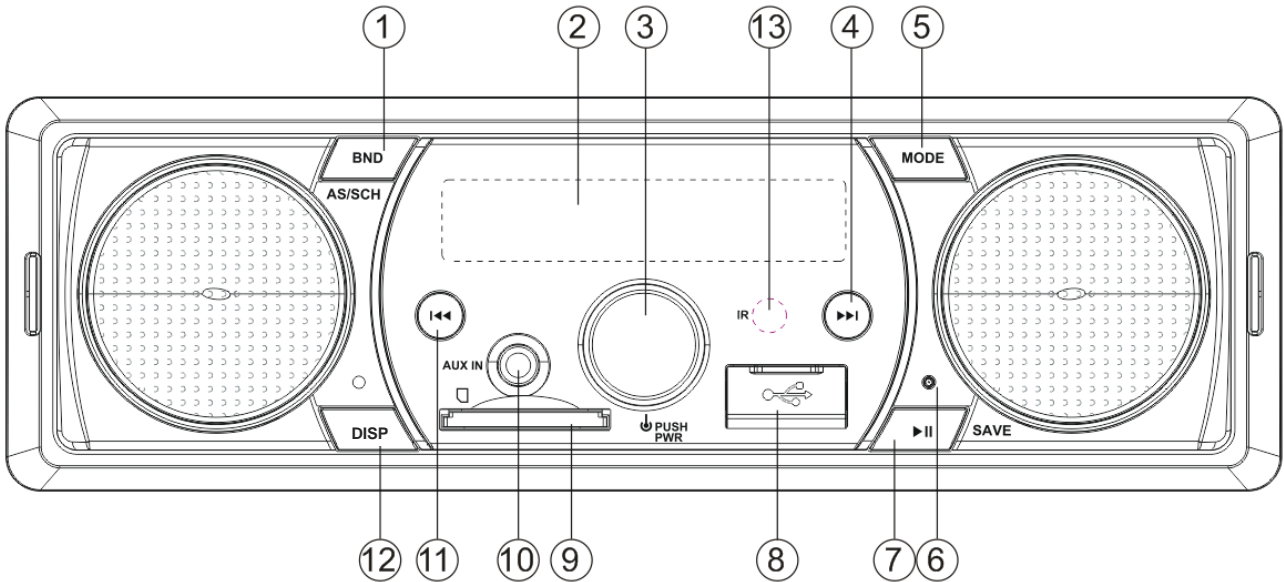
1. Answer / BND / AS / SCH	8. USB port
2. Display	9. SD Port
3. VOL / SEL / PWR	10. AUX-In
4. Next Track / Seek Up	11. Prev. Track / Seek Down
5. (End Call) / MODE	12. Display clock
6. RESET	13. IR Remote Sensor
7. Play / Pause, Store Preset	

OPERATION

Powering ON/OFF

Press **PWR** button (3) to turn on the unit. When the unit is on. Press and hold for 2 seconds to turn off the unit.

Audio Adjustment

Press **SEL** button to cycle.
→BAS-TRE-BAL -LOUD-EQ-ST-DX-VOL

   BAS: Bass
   TRE: Treble
   BAL: Balance
   LOUD: Loudness
   EQ: Preset EQ Curves
   DX: Distance
   LOC: Local
   VOL: Volume

Display Time

Press **CLK** button to display the time.

Clock Adjustments

-Press **DISP**
-Press and Hold **DISP** for 2 seconds
"HH" will flash, using the volume, change the hour.
-Press **DISP** button once more for minuets
"MM" will flash using the volume, change the minutes.
-Press **DISP** once more to store the time settings

Loudness

This feature has a gentle boost to enhance low and high frequencies.

EQ Presets

Preset audio EQ curves are selectable:
FLAT →POP→ROCK→CLASSIC→EQ OFF

Aux-In

A 3.5mm audio cable is required (not included)
Track Functions, Play/Pause, will not be used for this mode.

RESET FUNCTION

The **RESET** button is to be activated for the following reasons:
- Initial installation of the unit when all wiring is completed.
- All the function buttons do not operate.
- Error symbol on the display.

Radio

- **SWITCHING TO RADIO MODE**
  Use the **MODE** button to select Radio

- **Radio Band**
  Press **BAND** to cycle through tuner:
  →FM1→ FM2→ FM3→ AM1→ AM2

- **Station Selection**
  Press ▶▶| or |◀◀ to activate the automatic seek function.
  It will search up/down a station automatically.
  Press and hold for 2 seconds until "**MANUAL**" appears on the display, the manual tuning mode is selected.
  In this mode, frequencies are manually tuned.
  5 seconds after the last button has been pressed, "**AUTO**" will default again.

- **Auto Memory Store (AMS) & Scanning**
  - Automatic Memory Store
    Press and Hold **AS** button for 2 seconds, and it will store 18 presets (FM 1-3)

OPERATION

- **Selecting Presets**

  Press the ▶ll.

  You can select the preset station (CH 1-6).

- **Manually Store Presets**

  Press and Hold the **SAVE** for 2 seconds.

  It will show "SAVE CH1".

  If you want to store the station to CH2. Press it again it will show "SAVE CH2".

  During this action, Press and Hold the **SAVE** for 2 seconds.

  The current station is stored into the CH2.

- **Local Function**

  Press SEL knob several times till appear "DX". Using the Volume, to choose the LOC (local) mode.

  In **LOC** mode the unit will reduce the receiving sensitivity when you search station.

  It will ignore the stations with poor reception.

  In DX mode it will increase the receiving sensitivity when you search the station.

STEREO/MONO

Press **SEL** until "ST" appears.

Using the Volume knob to select STEREO or MONO mode.

In STEREO mode you can receive FM stereo signal.

In MONO mode the stereo signal will be switched to monaural, this can reduce the noise by the signal reception.

USB / SD Playback

Memory up to 32Gb is supported

Note:

MP3 files are only supported. Any other files that are combined with music folder will cause errors and will not play

Selecting Tracks

Press ▶▶l / l◀◀ buttons to skip tracks

Press and hold ▶▶l button or l◀◀ button for 2 seconds to fast forward or fast reverse.

The track will play when you release the button.

Play/Pause

If a track is playing, Press ▶ll to pause playing. Press it again to resume playing.

Direct Track Access (USB/SD Mode)

Press **SCH** button to active the file search mode.

It will show "TNO- - -".

Use the VOL knob to select the tracks number, 1'st number. 3 seconds later to select the 2'nd number...

Press "**SEL**" to confirm.

Bluetooth

- **PAIRING**

  On the mobile phone, select the Bluetooth set up. (Please refer to the instruction manual of your mobile phone on how to operate Bluetooth.)

  2) **"BOSS AUDIO"** should appear in the list on your mobile phone, please select "BOSS AUDIO"

  If a passcode is required enter: "0000"

  3) When paired and connected successfully paired, the BT icon will illuminate.

Answering / Rejecting an incoming call

During an incoming call, Press 📞 to answer the call.

Press ☎ to reject the call.

- **End a Call**

  Press ☎ key to end the call.

OPERATION

- **Connect/Disconnect Bluetooth**

  Press and Hold ☏ for 3 seconds to disconnect.

  Press and Hold it again to connect the device again.
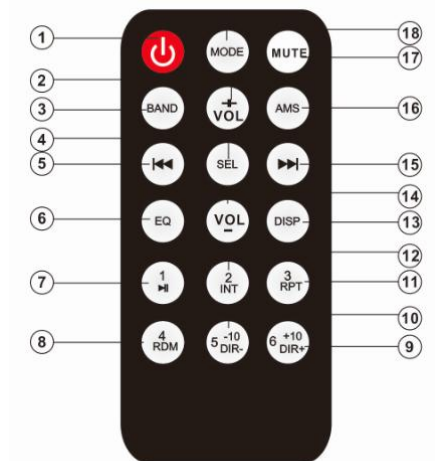
Audio Streaming (A2DP)

Press **MODE** to enter BT mode.

Note: BT will only be active when there is a device that has been paired and is connected.

Press ▶️II to Play/Pause.

Press ▶▶I button or I◀◀ button to select next/previous song.

REMOTE CONTROL (OPTIONAL)

KEY & CONTROL

1. ⏻   Power ON/OFF

2. VOL+   Volume Up
3. BAND   Band Select (FM1, FM2, etc...)
4. SEL   Audio Adjustment/Enter
5. ⏮   Radio: Seek/Scan

                         MP3 mode: skip to the previous file or fast reverse.

6. EQ   Press it to select desired audio equalization.
7. 1/▶II   Radio mode: Preset 1

                         MP3 mode: Play/Pause

8. 4/RDM   Radio mode: Preset 4

                         MP3 mode: Random On/Off

9. 6/+10/DIR+:   Radio mode: Preset 6

                         MP3 mode: Press for to advance folder

                                 Long press for +10 track function

10. 5/-10/DIR-:   Radio mode: Preset 5

                         MP3 mode: Press for previous folder

                                 Long press for -10 track function

11. 3/RPT   Radio mode: Preset 3

                         MP3 mode: Repeat one/all

12. 2/INT   Radio mode: Preset 2

                         MP3 mode: Turn on/off the INTRO function

13. DISP   Press DISP to show the time
14. VOL-   Volume Down
15. ▶▶I   Radio mode: Seek/Scan

                         MP3 mode: skip to the next file or fast forward

16. AMS   Same as the AS/PS function. See page 10

                         MP3 mode: File search function

17. MUTE   Mute
18. MODE   Press to change the source

SPECIFICATION

General

Power Supply Requirements	: 12 V DC, Negative Ground
Chassis Dimensions	: 178 (W) x 64 (D) x 50 (H)
Current Drain	: 3 Amp (max.)

Audio

Tone Controls
- Bass (@ 100 Hz)	: ±10 dB
- Treble (@ 10 kHz)	: ±10 dB
Pre-Amp Output	: Full-Range

Radio

FM

Frequency Coverage	87.5 to 107.9 MHz
IF	10.7 MHz

AM

Frequency Coverage	520 to 1710KHz
IF	450 kHz

TROUBLESHOOTING

Before going through the checklist, check wiring connection. If any of the problems persist after checklist has been made, call our Tech Dept. (M-F, 8:30a-5p PST) 805-751-4853

Symptom	Cause	Solution
Does not power on	The car ignition switch is not on.	Turn the key to the "ACC" or "IGN" position
	The fuse is blown.	Replace the fuse. Always replace with the same type and rating.
No sound	Volume is at minimum	Adjust volume to a desired level.
	Change the source	Press "MODE" to select radio
Unit is not responsive	Remove any external media. i.e. USB/SD	Press the reset button.
1) Poor Reception 2) The AMS does not function.	The antenna cable is not connected.	Insert the antenna cable firmly.
	The signals are too weak.	Select a station manually.

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