Bluetooth® | Fully Marinized
MP3-Compatible Digital Media
AM/FM Receiver

MR1360UAB

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MP3-Compatible Digital Media AM/FM Receiver

0715

BOSS®
AUDIO SYSTEMS

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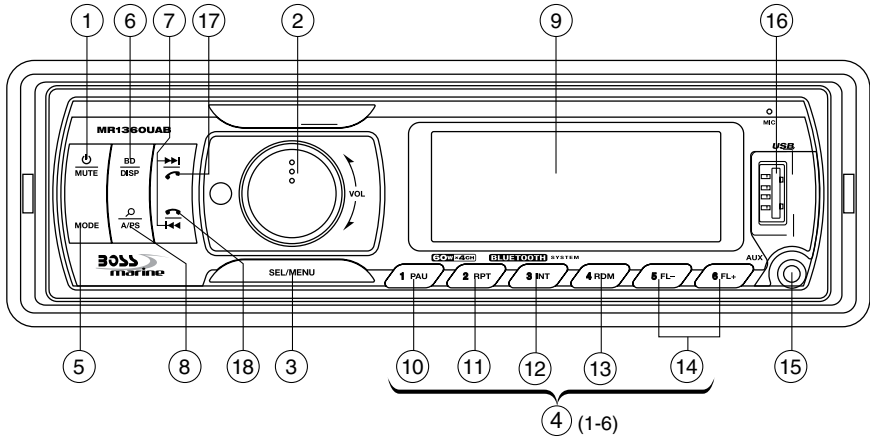tech support: www.bossaudio.com/technical-support
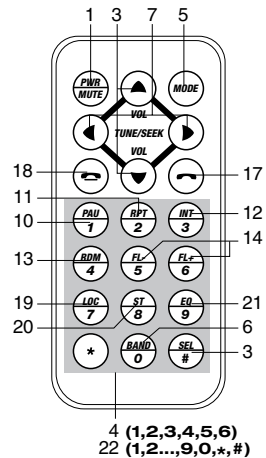
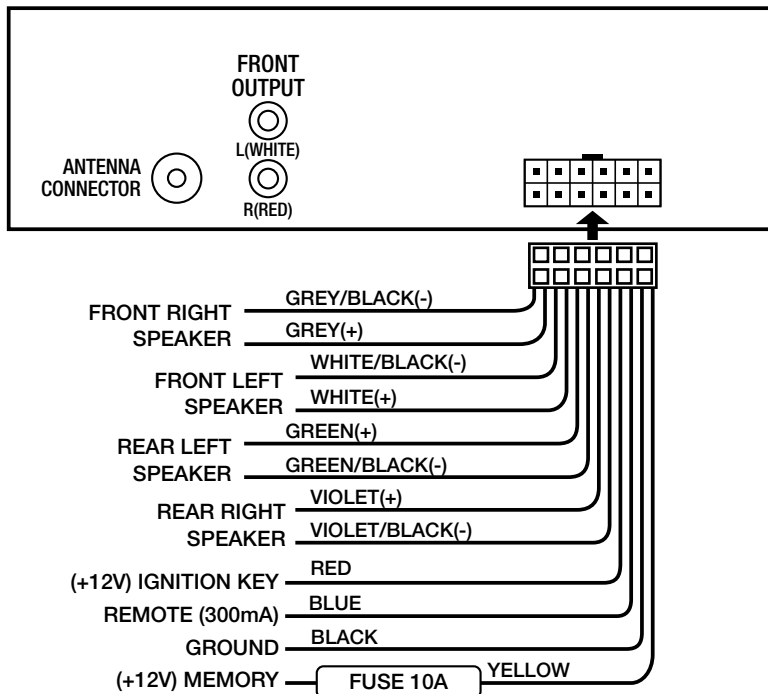**FULLY MARINIZED**

BOSS®
AUDIO SYSTEMS

LOCATION OF PARTS AND CONTROLS

1. POWER ON/OFF (⏻) / MUTE (MUTE)
2. VOL UP/VOL DOWN
3. FUNCTION SELECT BUTTON: BASS/TREBLE/BALANCE/FADER /
   EQ/VOLUME LEVEL/STEREO/LOUDNESS/LOCAL/ADJUST CLOCK (SEL/MENU)
4. PRESET STATIONS (1,2,3,4,5,6)
5. MODE BUTTON (MODE)
6. BAND / DISPLAY BUTTON (BD/DISP)
7. AUTOMATIC OR MANUAL TUNING
   (FREQ UP ▶▶ OR FREQ DOWN ◀◀ /
   TRACK/SEARCH BUTTON)
8. AUTO SEEK SEARCH TUNING (A/PS)
9. LCD DISPLAY
10. PAUSE BUTTON (PAU)
11. REPEAT BUTTON (RPT)
12. INTRO BUTTON (Preview all Tracks) (INT)
13. RANDOM BUTTON (RDM)
14. SEARCH PREVIOUS / NEXT FOLDER (FL- / FL+)
15. AUX IN
16. USB PORT
17. ANSWER CALL (☎)
18. END A CALL (☎)
19. LOCAL/DISTANT BUTTON (LOC)
20. STEREO/MONO BUTTON (ST)
21. EQUALIZER CONTROL (EQ)
22. PHONE NUMBER

WIRE CONNECTION

Front Pre-Amp Output:
Left (White), Right (Red)

Note: Red Wire must be connected by car ignition key in order to avoid that car battery being drained when the car will be not used for long period.

Maintenance
FUSE REPLACEMENT
If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after the re-placement, there may be an internal malfunction. In this case, consult your nearest repair center.

Warning
Use the specified fuse amperes for each lead. Use of a higher fuse amperes may cause serious damage.
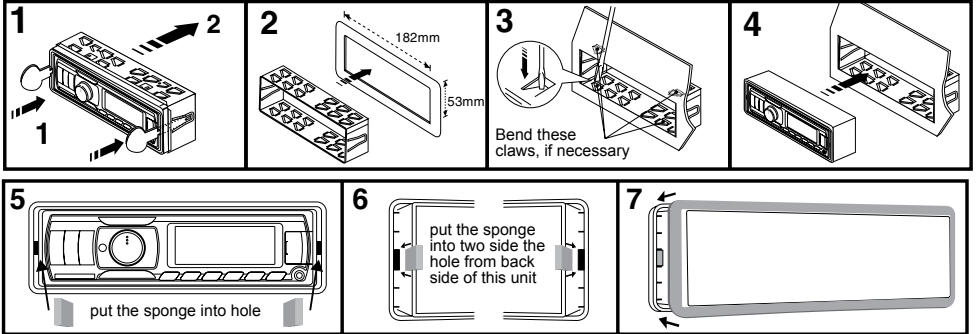
INSTALLATION

PRECAUTIONS
- Choose the mounting location carefully so that the unit will not interfere with the normal driving functions of the driver.
- Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight or where it would be subject to dust, dirt or excessive vibration.
- Use only the supplied mounting hardware for a safe and secure installation.
- Be sure to remove the front panel before installing the unit.

MOUNTING EXAMPLE
Installation in the dashboard

1

2
182mm
53mm

3
Bend these claws, if necessary

4

5
put the sponge into hole

6
put the sponge into two side the hole from back side of this unit
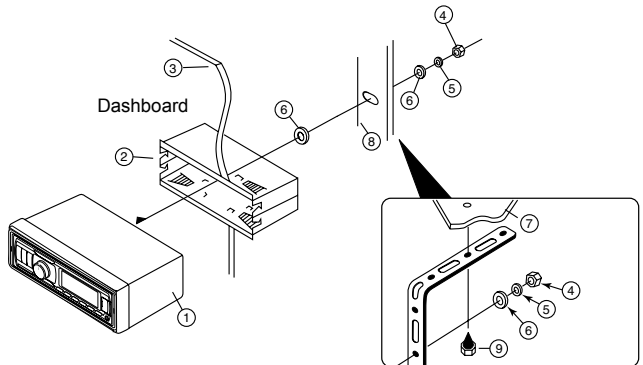
7

Note: Keep the release key in a safe place as you may need it in the future to remove the unit from the car.

TO SUPPORT THE UNIT

1. UNIT
2. RELEASE CASE
3. DASH BOARD
4. HEX NUT
5. LOCK WASHER
6. PLAIN WASHER
7. CAR BODY
8. REAR SUPPORT STRAP
9. TAPPING SCREW

Dashboard

OPERATING INSTRUCTIONS

1. POWER ON/OFF / MUTE

Press and hold this key to switch the unit on and off.
If you just press this key briefly, it will turn to MUTE. To return to sound, press it briefly again.

2. VOLUME UP/DOWN

Turn the VOL knob ⟳ or ⟲ to increase or decrease the volume levels.

3. SELECT / MENU

Press the SEL knob to adjust BASS/TREB/BAL/FAD. To select other functions, continue to press the SEL knob until the desired function is shown on the display. See Figure 1.
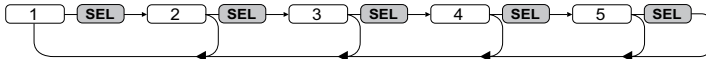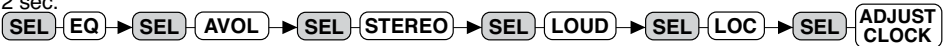
| 1 | → SEL → | 2 | → SEL → | 3 | → SEL → | 4 | → SEL → | 5 | → SEL |

Fig. 1 Selection of sound control functions

1. VOL   2. BAS   3. TRB   4. BAL   5. FAD

Press and hold **SEL** to adjust below function:

2 sec.

SEL → EQ → SEL → AVOL → SEL → STEREO → SEL → LOUD → SEL → LOC → SEL → ADJUST CLOCK

EQ MODE

Turn VOL knob to select one of the settings EQ OFF/CLASS/ROCK/POP/EQ FLAT.

AVOL

Turn the VOL knob to set the volume level, with which the device is to be set when turned on.

STEREO/MONO

When FM signal is weak or distorted, reception may improve by turn VOL knob to select MONO.

LOUDNESS

Turn the VOL knob to the Loudness ON or OFF function.

LOCAL

"Local" position in areas with strong signal will cause radio to stop at only strong stations. During manual tuning (LOC appears). Select Distant position in areas with weak signal. Turn the "VOL" knob to set the LOCAL ON/OFF.

ADJUST CLOCK

Turn the VOL knob to anti-clockwise for hours and turn VOL knob to clockwise for minutes.

4. PRESET STATIONS

Six numbered preset button store and recall stations for each band.
Storing a station:
1. Select a band
2. Choose your favorite station
3. Hold a preset button longer than one second. Preset station number appears in the display when station is saved.

Recall a station:
1. Select band
2. Press a preset button for less than one second to select stored station.

5. MODE BUTTON

By pressing this key, user can select. AUX/TUNER/SD/USB/BT mode.

6. **BAND / DISPLAY BUTTON**
   Press this button to select the desired band. FM1---FM2---FM3---AM1---AM2.
   DISPLAY INFO: Press and hold **BD** button to show the clock.

7. **AUTOMATIC OR MANUAL TUNING (FREQ UP ▶▶❙ OR FREQ DOWN ❙◀◀)**
   (A) RADIO MODE
   When pressed for less than 1 second, these keys operate as MANUAL tuning mode.
   When pressed longer than 1 second they operate as AUTOMATIC tuning mode.
   If the keys are not pressed for 3 seconds, they will return to SEEK mode again.
   (B) MP3/WMA PLAYER MODE
   When pressed for less than 1 second, they will operate as TRACK UP or TRACK DOWN mode.
   When pressed longer than 1 second they will operate as CUE or REVIEW mode.

8. **AUTOMATICALLY STORE STATIONS**
   Select six strong stations and store them in selected band.
   1. Select a band
   2. Hold **A/PS** button for more than three seconds. The new stations replace stations already stored in
      that band.
   Preset Scan
   Scan stations stored in current band
   1. Select a band
   2. Press **A/PS** for more than one second but less than three seconds. Radio pauses for five seconds
      at each station. Press **A/PS** again to stop scanning when desired station is reached.

9. **LCD DISPLAY**
   The Liquid Crystal Display will display the current state of the unit.

MP3/WMA CONTROL

TRACK/SEARCH BUTTON
FORWARD ▶▶ AND REVERSE ◀◀ TRACK SEARCH
Press and release to advance to next track or to return to the beginning of the current track (track number will be displayed.) Press and hold to fast forward ▶▶ or reverse ◀◀ . Play will begin at the point when you release the button.

10. PAUSE BUTTON 'PAU'
   During "PLAY", press 'PAU' button to "PAUSE". Press it again to resume play.
   *Note: Press and hold **PAU** button to play first title on the storage medium.*

11. REPEAT BUTTON 'RPT'
   When this button is pressed, 'RPT' indication is displayed and play of the selected track will be continually repeated.
   RPT ONE - the current track is repeated.
   RPT DIR - the current directory is repeated.
   RPT ALL - all tracks are repeated.

12. INTRO BUTTON (Preview all Tracks) 'INT'
   Press this button to display 'INT'. Each track will play for a few seconds successively. Press again to stop intro and listen to selected track.

13. RANDOM BUTTON 'RDM'
   When this button is pressed, 'RDM' is displayed and each track will play in random instead of normal sequence. To cancel RANDOM mode, press 'RDM' button again.

14. SEARCH PREVIOUS / NEXT FOLDER: (In case of MP3/WMA files) 'FL- / FL+'
   Press preset button 5 to search previous folder / Press preset button 6 to search next folder

15. FRONT AUX IN
   An external audio source (e.g. portable MP3 player) can be connected to the AUX IN socket to be played back by the vehicle loudspeakers.
   • Connect the AUX IN socket with the audio output of the external device.

Connecting it to Portable MP3 Player

16. USB PORT
   The device is equipped with a USB interface. MP3 or WMA files stored on these media can be played.
   1. Plug your USB storage medium into the USB port.
   2. The player automatically switches to the input used and starts playback.
   3. See the section on operations common for audio files on how to control USB playback.
   Note:
   • *Due to the great variety of USB, we cannot guarantee that all media will be recognized and that all operational functions will be available with this device. This is due to different manufacturing requirements.*
   • *You cannot operate USB hard drives.*

HOW TO SELECT MP3/WMA FILES

Searching by Track:
- Press **"A/PS"**, then search track is activated.
- Turn **"VOL"** knob to left or right, select first digit desired. (ex. 000->**1**00->**2**00....)
- Press **"SEL"** button to select second, third or fourth.... digit desired. (ex. 0**1**0->01**3**->0**23**...)
- Press **"1 PAU"**, the song selected will start.

Searching by Character:
- Press **"A/PS"** twice, then character search mode is activated.
- Turn **"VOL"** knob to left or right, you can select the desired letter. The songs with the same character that you selected by ◄◄ / ►► is displayed.
- Press **"1 PAU"**, the song selected will start.

Searching by Folder:
- Press **"A/PS"** 3 times, then folder search is activated.
- Turn **"VOL"** knob to left or right, you can select the desired folder.
- Press **"1 PAU"**, the song selected will start.

BLUETOOTH OPERATION

Pairing and Connecting a mobile device
Activate the Bluetooth function on your mobile phone and conduct a search for Bluetooth devices. After a successful search the entry *"BOSS AUDIO"* appears for the device in the display of the mobile phone. Select this entry for the connection and for the subsequent password request enter the password *"0000"* for the device. You may possibly have to confirm the connection structure once more.
*Note: Press **MD** button the voice output between mobile phone and speakers. A2DP can't convert the sound output.*

Call accept/end
With an incoming call you will hear the call signal via the speakers attached to the device and via your mobile telephone. The call number is shown in the device's display.
•   You accept an incoming call by pressing the 📞 button.
•   You end the call by pressing the 📞 button.

Rejecting a call
With an incoming call press the 📞 button to reject that call.

Redial
Head unit: Press and hold 📞 button in BT mode to redial last phone number.

Audio streaming (A2DP)
The device uses the A2DP profile (Advanced Audio Distribution Profile) and therefore can playback your mobile phone's audio data. Select an audio file from your mobile phone and start the playback. The device's display will show BT mode and the audio data will be played back via the speakers connected to the device.
***Notice:** On the mobile phone it may possibly be necessary to switch playback via the Bluetooth stereo headset. Consult the operating manual of your mobile phone for more information.*

Memory Backup
This unit is equipped with built-in memory I.C. to save user settings such as tuner preset stations and audio control settings. In the event of a power loss (i.e. battery disconnect, unit unplugged,etc...) the settings will not be lost.

TECHNICAL SPECIFICATIONS

MP3/WMA PLAYER SECTION

Signal to noise ratio   > 60 dB
Channel separation   > 50 dB (1kHz)
Frequency response   20Hz - 15 kHz

TUNER (FM)

Frequency range   87.5-109 MHz
Channel step   200 kHz
Sensitivity   2.8 µV
Stereo separation   30 dB
Signal to noise ratio   50 dB

TUNER (AM)

Frequency range   530-1710 KHz
Usable sensitivity   32 dB

Pre-Amp Output

Output   1V (max.)
Impedance   10k Ohm

GENERAL

Power supply   12V DC (10.8-15.6V allowable)
Speaker impedance   4 or 8 Ohm
Output power   4 x 60 Watts
Fuse   10A

Note: Specifications and design may be subject to change without prior notice.