USER'S MANUAL

Planet Audio®

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CE e1

Planet Audio®

P375UA

MP3-Compatible In-Dash AM/FM CD Receiver
with USB and SD Memory Ports and Front Panel AUX Input

Planet Audio

P375UA

*In-Dash AM/FM
CD/MP3/SD/MMC Receiver With
Large LCD With Power Level Meter
With Front Panel USB Port*

Contents

TROUBLE SHOOTING

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

Symptom	Causes	Solution
No Power	The car ignition key has not been switched on	If the power supply is properly connected to the car accessory terminal, switch the ignition key to ACC
	The fuse is blown	Replace with a new fuse
CD Cannot Be Loaded or Ejected	A CD is already inside the player slot	Remove the CD from the player and insert the new one
	Inserting the CD in reverse direction	Insert the CD with the label facing up
	The CD is extremely dirty or defected	Clean the CD or try to play a new one
	Temperature inside the car is too high	Cool off until the ambient temperature return to normal
	Condensation	Leave the player off for an hour or so and try again
No Sound	Volume is at minimum	Adjust volume to desired level
	Wiring is not properly connected	Check wiring connection
Sound Skipping	The installation angle is more than 30°	Adjust the installation angle to less than 30°
	CD is extremely dirty or Defected	Clean the CD or try to play a new one
The Operation Keys Do Not Work	The built-in microcomputer is not operating properly due to Interference	Press the RESET button or reinstall the front panel properly
The Radio or Automatic Selection Does Not Work	The antenna cable is not connected correctly	Connect the antenna cable correctly
	The signals are too weak	Select the station manually

BEFORE PLAYING DISCS

CLEANING THE CD

Before playing a CD, wipe it off with a clean, dust-free cleaning cloth. Wipe the disc in the direction of the arrow.
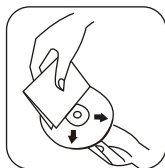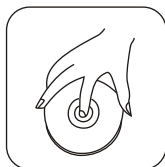
Always insert the CD with the label side facing upwards.
If the CD is inserted with the printed side facing downwards, the device may be damaged.

Note: *If there is already a CD in the CD slot , do not try to insert a second CD. This may damage the device.*

Always hold CDs by the edge. In order to keep the CD clean do not touch the surface. Pull out the CD as follows.

Do not attach any sticker or adhesive tape on the CD.
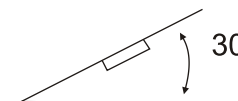Do not expose the CD to direct sunlight or sources of heating.
Do not leave CDs in a car if it parked in direct sunlight as that will lead to a considerable rise in the temperature inside the car.

Note: *Do not use any solvents such as petrol or thinning agents. Commercially available cleaning substances of antistatic spray will damage the device.*

INSTALLATION

NOTES ON INSTALLATION

● 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.

● Passenger if there is a sudden stop. Like an emergency stop. Install the unit where it does not get in the driver's way and cannot injure the

● If installation angle exceeds 30 degrees horizontally, the unit might not give its optimum performance.

30°

● Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, form the heater, or where it would be subject to dust, dirt or excessive vibration. Do not expose the equipment to rain or moisture.
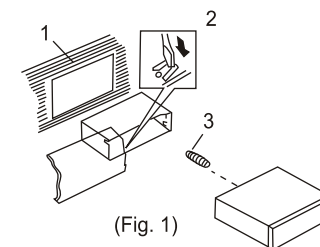
DIN FRONT-MOUNT (Method A)

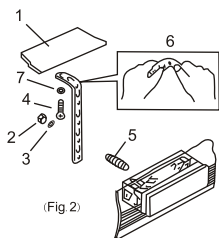**Installing the unit**
1. Dashboard
2. Holder
After inserting the holder into the dashboard, select the appropriate tab according to the thickness of the dashboard material and bend them inwards to secure the holder in (Fig. 1) place.
3. Screw

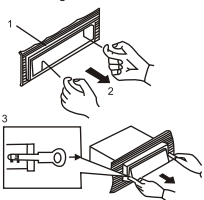(Fig. 1)

INSTALLATION

(Fig.2)

1. Dashboard
2. Nut (5mm)
3. Spring Washer
4. Screw (5 x 25mm)
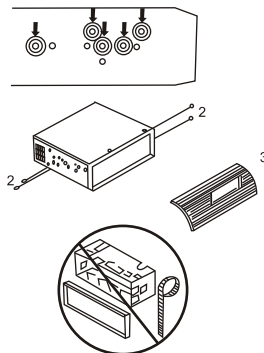5. Screw
6. Strap
   Be sure to use the strap to secure the back of the unit in place. The strap can be bent by hand to the desired angle.
7. Plain Washer

Removing the unit

(Fig.3)

1.Frame
2.Insert fingers into the groove in the front of frame and pull out to remove the frame. (When reattaching the frame, point the side with a groove downwards and attach it.)
3.Lever
Insert the levers supplied with the unit into the grooves at both sides of the unit ad shown in figure until they click. Pulling the levers makes possible to remove the unit from the dashboard.


Fastening the unit to the factory radio mounting bracket:
1. Select a position where the screw holes of the bracket and the screw holes of the main unit become aligned (are fitted), and tighten the screws at 2 places on each side. Use either truss screws (5 x 5mm) or flush surface screws (4 x 5mm)
2. Screw
3. Dashboard or Console

DIN REAR-MOUNT (Method B)
Installation using the screw holes on the sides of the unit.
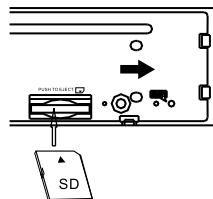
Inserting the SD Card
Insert the SD with the oblique angle towards the right side. Once you insert it, push it in once until a click sound is heard. It will lock flush into the unit. To remove it, push it once more and it will slightly eject, ready to pull out.

SPECIFICATION

GENERAL

Power Supply Requirements:	DC 14.4V"＝＝＝", Negative Ground
Load impedance:	4 ohms
Maximum Output Power:	70W x 4(CH)
Chassis Dimensions:	178x163x50mm(WxDxH)
Current Drain:	5A

TONE CONTROLS

Bass (at 100Hz):	+10dB/-10dB
Treble (at 10K):	+10dB/-10dB
CD Player	
Signal to Noise Ratio:	More than 60dB
Channel Separation:	More than 60dB
Frequency Response:	20Hz-20KHz

FM RADIO

Frequency Coverage(MHz):	
	87.5-107.9MHz(U.S.A.)
IF:	10.7MHz
Sensitivity (S/N-30dB):	12dBu
Stereo Separation:	>30dB

AM RADIO

|	
Frequency Coverage (KHz):	
	530-1710KHz(U.S.A.)
IF:	450KHz
Sensitivity(S/N-20dB):	<42dBu

REMARKS:
Specification subject to change without notice

REMOTE CONTROL LAYOUT

REPLACING THE BATTERY
When the operational range of the remote control becomes short or non functions while operating. Replace a new CR2025 battery. Make sure you use the correct Battery polarity before replacing

1.Pull out Battery Holder while pressing the stopper
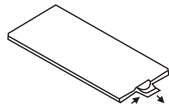
2.Put the button type battery(+)mark upward into the Battery Holder.
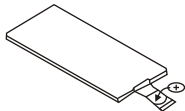
3.Insert the Battery Holder into the Remote control
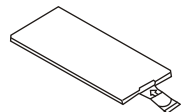
INSTALL AND REMOVE THE FRONT PANEL

INSTALLING THE FRONT PANEL
To install the front panel, insert the panel into the housing and make sure the panel Is properly installed, otherwise, abnormalities occurs on the display or some keys will not function properly.

① ② ③ FRONT PANEL

RELEASE BUTTON

WIRING DIAGRAM

WIRE CONNECTION

Planet Audio CAR CD WITH MP3/USB/SD PLAYER
P375UA

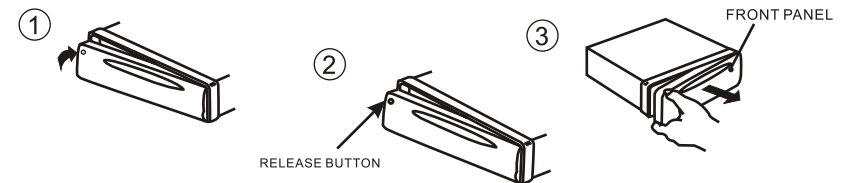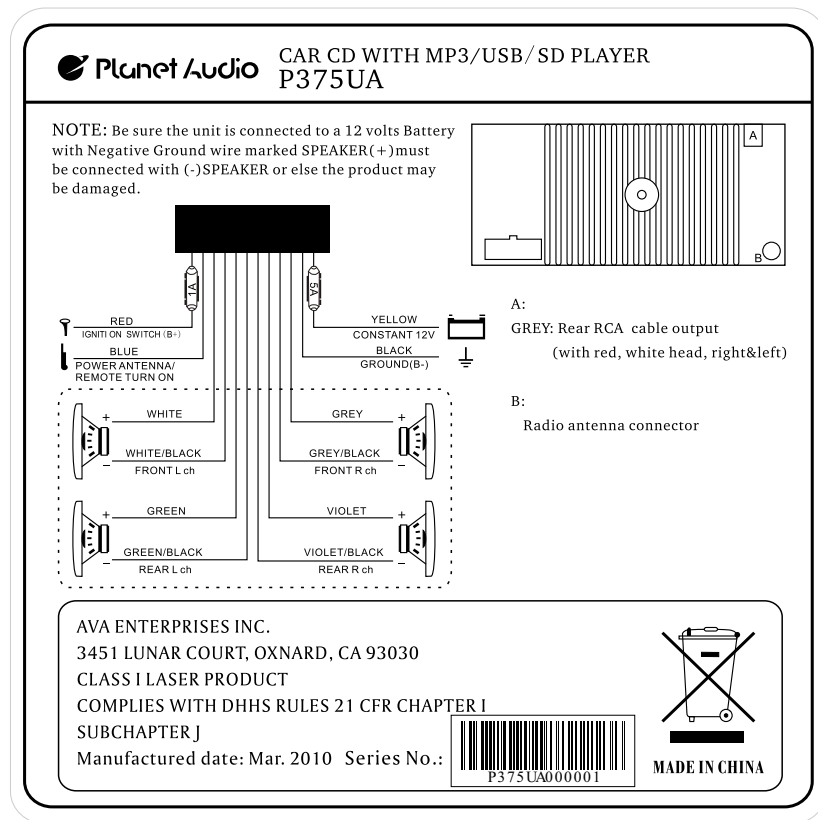NOTE: Be sure the unit is connected to a 12 volts Battery with Negative Ground wire marked SPEAKER(+)must be connected with (-)SPEAKER or else the product may be damaged.

A
B

RED
IGNITI ON SWITCH (B+)
BLUE
POWER ANTENNA/
REMOTE TURN ON

YELLOW
CONSTANT 12V
BLACK
GROUND(B-)

A:
GREY: Rear RCA cable output
(with red, white head, right&left)

B:
Radio antenna connector

WHITE
WHITE/BLACK
FRONT L ch

GREY
GREY/BLACK
FRONT R ch

GREEN
GREEN/BLACK
REAR L ch

VIOLET
VIOLET/BLACK
REAR R ch

AVA ENTERPRISES INC.
3451 LUNAR COURT, OXNARD, CA 93030
CLASS I LASER PRODUCT
COMPLIES WITH DHHS RULES 21 CFR CHAPTER I
SUBCHAPTER J
Manufactured date: Mar. 2010 Series No.:

P375UA000001

MADE IN CHINA

⚠ NOTE

BE SURE THE UNIT IS CONNECTED TO A 12 VOLTS BATTERY WITH NEGATIVE GROUND. THE POSITIVE (+) CABLES MUST BE CONNECTED TO THE POSITIVE (+) BATTERY TERMINAL. THE NEGATIVE CABLE (-) MUST BE CONNECTED TO GROUND/CHASSIS. SPEAKERS SHOULD BE CONNECTED CORRECTLY (+) WITH (+) AND (-) WITH (-). FAILURE TO DO SO WILL DAMAGE THE UNIT.

REMOTE CONTROL LAYOUT
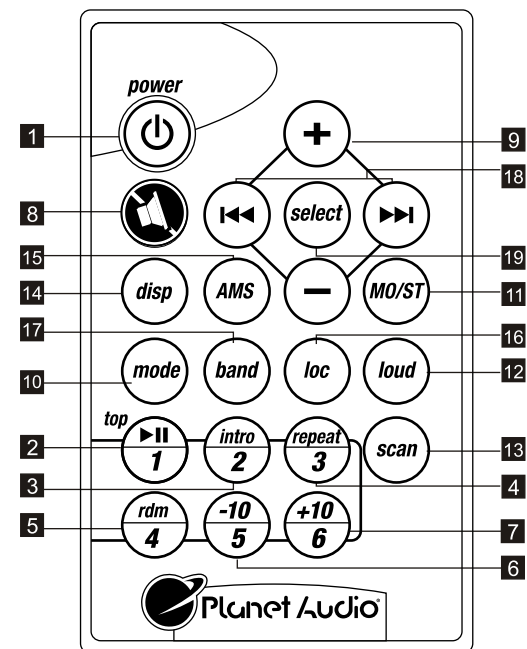
1	Power Button	10	Mode Switch
2	Pause/play/ Preset Button1	11	ST/MO Button
3	Intro/Preset Button2	12	Loudness Button
4	Repeat Playing/Preset Button3	13	Scan Button
5	Random/Preset Button4	14	Display Button
6	Preset Button5	15	APS/AMS Button
7	Preset Button6	16	LOC/DX Button
8	Mute Button	17	Band Switch
9	Volume Control	18	Tuning/Selecting Tracks/ F.F / F.R
		19	Select Button

Remote Control Optional

MP3 OPERATIONS

FILE SEARCH MODE:

1. Press AMS(13) button twice, "FILE SCH" will show on the display.
2. Press VOL/SEL button(3) once to enter "FILE SCH" mode.
3. When in "FILE SCH" mode.
   -By turning VOL/SEL button(3) to show files on the display
   -By pressing VOL/SEL button(3) to select file
4. When get into the FILE,
   -By turning VOL/SEL button(3) to show songs on the display.
   -By pressing VOL/SEL button(3) to select your favorite song.

CHARACTER SEARCH MODE:

1. Press AMS(13) button 3 times, "CHAR SCH" will show on the display.
2. Press VOL/SEL button (3) once to enter "CHAR SCH" mode.
3. When in " CHAR SCH " mode,
   -Turning VOL/SEL button(3) shows characters and numbers.
   -Pressing VOL/SEL button(3) shows characters and numbers.
4. When characters or numbers are selected, the song will show on the
   level, the radio will stop at that preset number for several seconds,
   release mute and then search again.

CONTROL PANEL LAYOUT

FRONT PANEL LAYOUT
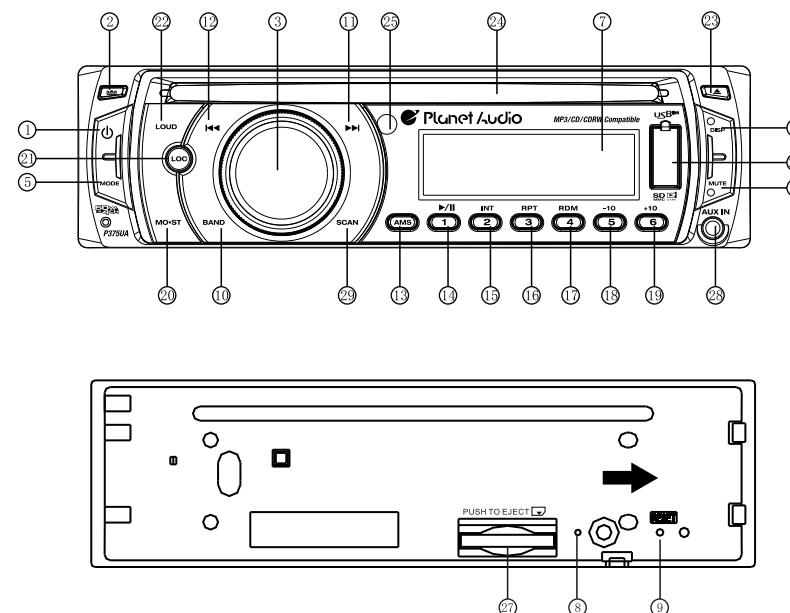
1. Power Button	15. Intro & Preset Button 2
2. Release Button	16. Repeat & Preset Button 3
3. Volume/ Sel Button	17. Random & Preset Button 4
4. Mute Button	18. Preset Button 5
5. Mode switch	19. Preset Button 6
6. Display Button	20. ST/MO Button
7. LCD Display	21. LOC/DX Button
8. Flashing LED	22. Loudness Button
9. Reset Button	23. Eject knob
10. Band switch	24. CD Slot
11. Tune Seek&Track forward Button	25. Remote Control Sensor
12. Tune Seek&Track reverse Button	26. USB connecter
13. Automatically memory storing	27. SD∕MMC Slot
14. Play / Pause & Preset Button 1	28. AUX IN JACK
	29. SCN Button

GENERAL OPERATIONS

ON/OFF
Press POWER button (1) to turn on the unit. Press it again to turn off.
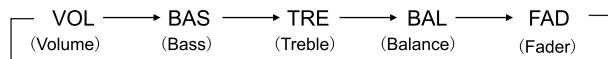
FRONT PANEL RELEASE
Press REL button (2) to detach the removable front panel.

SOUND ADJUSTMENT
Turn on (3) can adjust the desired volume quality.
A).Press SEL button (3)will change in the following order.
Option:

```
  ┌─ VOL ──→ BAS ──→ TRE ──→ BAL ──→ FAD ─┐
  │ (Volume)   (Bass)   (Treble)  (Balance)    (Fader) │
  └───────────────────────────────────────┘
```

VOLUME
Adjust volume level by using VOL/SEL (3) knob.
Note: The unit is initially set to volume mode.

BASS
Press VOL/SEL button(3) one time. Adjust bass level by using VOL/SEL(3)
Knob.

TREBLE
Press VOL/SEL button(3) two times. Adjust treble level by using VOL/SEL(3)
Knob.

BALANCE
Press VOL/SEL button(3) three times. Adjust sound balance between left
and right speakers by using VOL/SEL(3)Knob.

FADER
Press SEL button(3) four times. Adjust sound balance between front and
rear speakers by using VOL/SEL(3)Knob.

MUTE
Press MUTE button(4) mute down the sound. Press it again to release this
mode and recover previous volume level.

CD/MP3 OPERATIONS

RPT
Press preset button (16): CDP mode : REPEAT ON / OFF is activated.
When REPEAT ON, RPT INDICATOR comes on and repeats the existing
track. During a REPEAT, DISC- RPT INDICATOR comes on and repeats the
current CD.

RDM
Press preset button (17): During RANDOM ON, RDM INDICATOR is turned on.

D-UP / D-DOWN
Press preset button (18-19):
- MP3 MODE : 10 TRACK UP / DOWN is activated.
When the total track is 10 or less, KEY is inactive.

SELECT TRACKS
During CD operation, press TUNE/SEEK/TRACK REVERSE button (12) or
TUNE/SEEK/TRACK FORWARD button (11) to move to the previous track
or the following track, Track number shows on display. During CD operation,
hold TUNE/SEEK/TRACK REVERSE button (12) or TUNE/SEEK/TRACK
FORWARD button (11) to fast reverse or fast forward. CD play starts from
when you release the button.

EJECT
Press EJECT button (23) to stop CD play and eject the disc from the slot (24).

TRACK SEARCH MODE:
1. Press AMS(13) button once, the " TRK SCH " will show on the display.
2. Press VOL/SEL button (3) once to enter the " TRK SCH " mode. Then the
   LCD displays first track number "001".rotate VOL/SEL button (3) to select
   1st digit.
3. Then press VOL/SEL button (3) once to enter select 2nd digit number
   rotate VOL/SEL button (3) once again to select third digit number when
   the 2nd digit number was selected.
4. Finally press VOL/SEL button(3) more than 1 second the track number
   which you have selected will play immediately.
5. VOL/SEL knob(3) perform to shift 1st digit from 1-9 loop rotation. Then
   the 2nd and 3th digit is shifted from 1-9 as a loop rotation.

RADIO OPERATION

AUTOMATIC MEMORY STORING & PROGRAM SCANNING

- Automatically Store Memory
Press AMS(MP3) button (13) for several seconds, the radio searches from the current frequency and checks the signal strength until one cycle search is finished. And then 6 strongest stations are stored into the corresponding preset number buttons.

- Program Scanning
Press AMS(MP3) button (13) shortly to scan preset stations. When the field strength level is more than the threshold level, the radio will stop at that preset number for several seconds, release mute and then search again.

STATION STORING
Press preset button (14~19)

1) RADIO MODE.
 M1 ~ M6
- PRESET MEMORY is loaded when key is pressed for less than 1 second.
- PRESET MEMORY is saved when key is pressed for longer than 1 sec.

2) CD/ MP3 / FLASH Mp3
PLAY / PAUSE
Press preset button (14) is activated. During a PAUSE, DISC INDICATOR flashes.

TOP
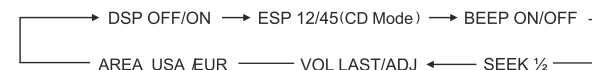First song will play when Top key is pressed for longer than 0.5sec during play.

INT
Press preset button (15): During INTRO ON, INT indicator comes on and begins playing the first 10sec of each song, until the last song is played. It begins playing the entire track from where INT started.

GENERAL OPERATIONS

OTHERS ADJUSTMENT
If you press the VOL/SEL button (3) for several seconds, it will activate a cycling mode of the following functions for user's selection.

```
     ┌──→ DSP OFF/ON ──→ ESP 12/45(CD Mode) ──→ BEEP ON/OFF ──┐
     │                                                         │
     └── AREA USA ÆUR ──── VOL LAST/ADJ ◄──── SEEK ½ ──────────┘
```

Press and hold this button to go to DSP Mode. By turning this function button, you will cycle thru Flat, Classic, Pop and Rock. Press the function button to select your favorite DSP mode.

When in DSP mode, pressing the function button once will take you to ESP Mode. Turning the function button will allow you to choose 12 seconds or 45 seconds ESP. Press the function button to select your desired ESP setting.

When in the DSP mode, When in DSP mode, pressing the function button once will take you to ESP Mode. Turning the function button will allow you to choose 12 seconds or 45 seconds ESP. Press the function button to select your desired ESP setting.

VOL LAST/ADJUST
This function allows the user to set the volume level of the unit after it was turned off and then turned on again. Choose VOL LAST if you want the volume level knob the same as it was before turning off. VOL ADJUST allows to choose volume level.

SEEK MODE
SEEK 1: When SEEK 1 mode is activated, AUTO SEEK SCAN is stopped when station is detected even user still push SEEK button.
SEEK 1: When SEEK 1 mode is activated, AUTO SEEK SCAN is stopped when station is detected even user still push SEEK button.
SEEK 2: Auto SEEK SCAN is not stopped even if station is detected if user pushes SEEK button. When releases SEEK button, then stop when station is detected.

SELECT MODE
Press button (5) to go to different functions.

GENERAL OPERATIONS

- Tuner (radio)
- CD (MP3 CD)
    to go to this mode must be have a CD in.
- Memory Card
    to go to this mode must be have a Memory Card in.
- USB
    to go to this mode USB device must be connected.
- AUX in put

DISPLAY
Press DISP button (6) to operate it will then return to its each display mode
 asfollow:

MP3 MODE
- Time is displayed for 5sec when DISP key is pressed, it will then return to
its previous display (Folder, File name...) unless DISP key is pressed again.
From the clock mode, when DISP Key is pressed for longer than 1sec, clock
mode switches to clock Adjusting mode and the clock display begins
flashing. At this time clock can be changed by pressing (+/-), or the
ENCODER VOLUME.

LIQUID CRYSTAL DISPLAY
Exhibit current frequency and activated functions on the display (7).

FLASHING LED
If the front panel is not correctly installed on the main unit,, the LED (8) will
be flashing.

RESET
RESET button (9) is placed on the housing and must be activated with either
a ball point pen or thin metal object. (Do not use sharp object to avoid
damaging the unit.) The RESET button (9) 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.

NOTE: *If press RESET button (9), the unit can't work yet. please use a
cotton swab soaked in isopropyl alcohol to clean the socket on the back of
the front panel.*

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RADIO OPERATION

MO/ST SELECTOR
Press ST(20) button to select MONO or STEREO mode.
When "ST" appears in the LCD display. During the Fm receiver mode, press
the button to switch mono or stereo.

LOC/DX SELECTOR
Press LOC(21) button to select strong or weak station reception. It is set to
LOC mode when LOC(21) button is first pressed. "LOC" appears and only
local station is available. It is switched to DX mode when LOC(21) button
is pressed again. Both distance and local stations can be received.

LOUDNESS ON/OFF
Press LOU(22) button to increase the low frequency. This can improve the
sensitivity of your ears. And "LOUD" appears in the LCD when the loudness
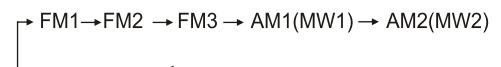mode is activated.

SCAN
Press scan button (29) to search radio stations. When a station signal
strength level is good, the radio will play that station for 5 seconds. The
Frequency will blink on the LCD during this process.
Press and hold scan button(29) more than 3 seconds to select the station
which you desired. The radio will stop scanning and play that station.

RADIO OPERATION
BAND SELECTION
At tuner mode, press BAND button (10) to select the desired band. The
reception band will change in the following order:

FM1→FM2 → FM3 → AM1(MW1) → AM2(MW2)

STATION SELECTION
Press TUNE/SEEK/TRACK FORWARD button (11) or TUNE/SEEK/TRACK
REVERSE button (12) shortly for manual tuning function.
When pressed for several seconds, the automatic tuning mode
 (SEEK mode) is activated.

10