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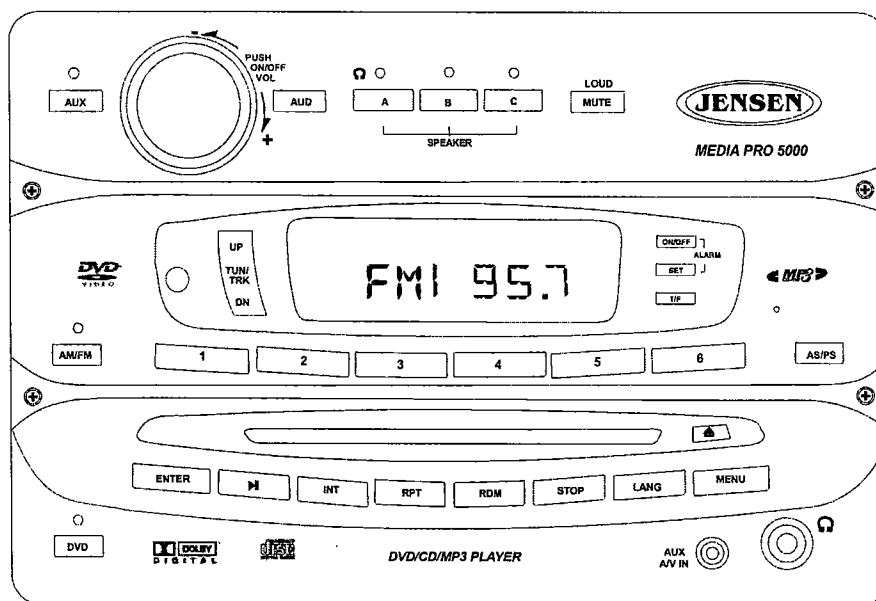
DESIGNED TO MOVE [YOU]™

MP5000
Owner's Manual

JENSEN

DESIGNED TO MOVE [YOU]

Thank You!

Thank you for choosing a Jensen product. We hope you will find the instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through it, you'll learn how to use all the features of your new Jensen receiver for maximum enjoyment.

Features

Features of the Jensen MP5000 mobile audio system include:

•   Digital AM/FM Tuner

•   Skip Protected Disc Mechanism

•   CD-R/RW and MP3 Compatible

•   Time/Alarm Clock

•   Backlit Controls

•   Auxiliary Audio/Video Input

•   Headphone Output

•   3 Zone / 6 Speaker Output (75W)

•   Wireless Remote Included

Installation

Select Mounting Location

Select a mounting location, taking care to avoid the following:

- Places exposed to heat-radiating appliances such as electric heaters
- Adjacent to other equipment that radiates heat
- Poorly-ventilated or dusty places
- Moist or humid locations

Preparing the Opening

Use the mounting hole diagram (below) to measure and cut a mounting hole, and mount the unit using the four 3x20min self-tapping screws provided.

Note: Before cutting the mounting hole, make sure the area behind the mounting location is clear of wires and fuel, vacuum and or brake lines.
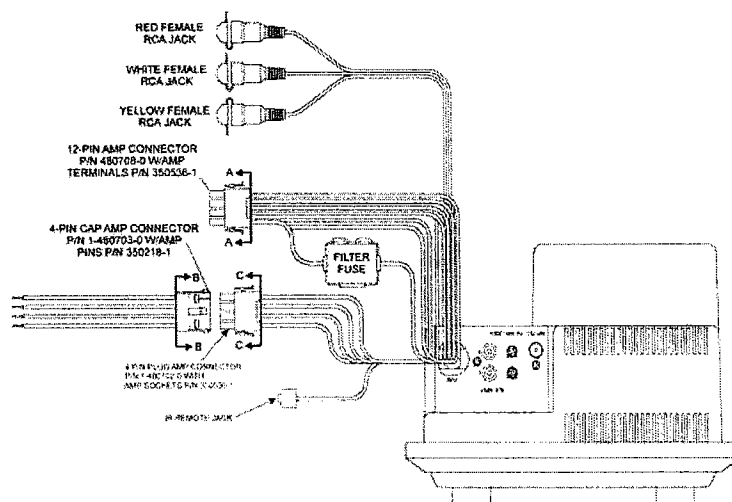
Mounting Hole Diagram
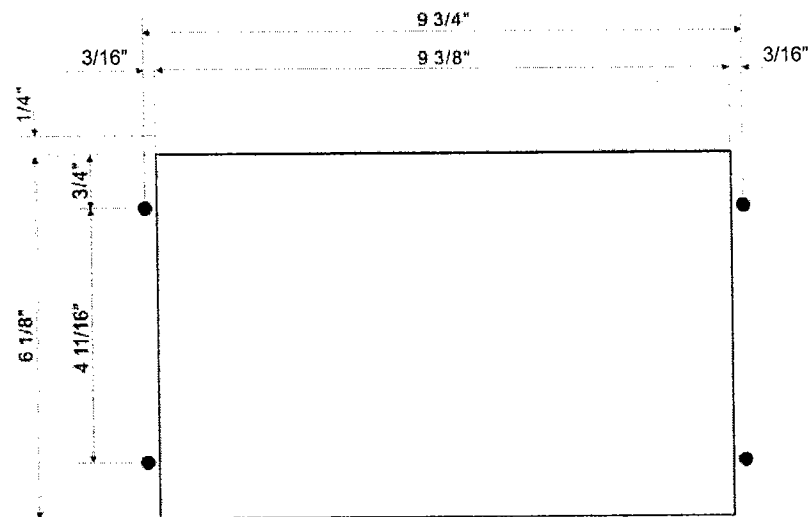
Mounting the Radio

Route power, speaker and antenna cables through the hole, and connect them to the unit as outlined in the wiring diagram. After ensuring correct connections, test operation.
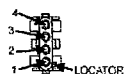
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Wiring

The wiring diagram depicts all the wiring connections required for proper operation of the unit.

RED FEMALE
RCA JACK

WHITE FEMALE
RCA JACK

YELLOW FEMALE
RCA JACK

12-PIN AMP CONNECTOR
P/N 480708-0 W/AMP
TERMINALS P/N 350536-1

4-PIN CAP AMP CONNECTOR
P/N 1-480703-0 W/AMP
PINS P/N 350218-1

FILTER
FUSE

VIEW A-A
WIRE INSERTION VIEW

PIN NO	COLOR	FUNCTION
1	BLACK/WHITE	POWER GROUND (-12VDC)
2	GREEN/WHITE	+12VDC BATTERY POWER
3	ORANGE/WHITE	+12VDC IGNITION POWER
4	YELLOW	RIGHT (B) SPEAKER (+)
5	LT. GREEN	RIGHT (A) SPEAKER (-)
6	WHITE	LEFT (A) SPEAKER (+)
7	GREEN/BLACK	RIGHT (B) SPEAKER (-)
8	RED	LEFT (B) SPEAKER (+)
9	VIOLET	LEFT (A) SPEAKER (-)
10	PINK	+12V DC TRIGGER WIRE
11	VIOLET/BLACK	LEFT (B) SPEAKER (-)
12	DARK BLUE	RIGHT (A) SPEAKER (+)

VIEW B-B
WIRE INSERTION VIEW

PIN NO	COLOR	FUNCTION
1	GRAY	RIGHT (C) SPEAKER (+)
2	GRAY/BLACK	RIGHT (C) SPEAKER (-)
3	WHITE/BLACK	LEFT (C) SPEAKER (+)
4	BLUE/BLACK	LEFT (C) SPEAKER (-)
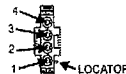
VIEW C-C
WIRE INSERTION VIEW

| PIN NO	COLOR	FUNCTION
1	GRAY	RIGHT (C) SPEAKER (+)
2	GRAY/BLACK	RIGHT (C) SPEAKER (-)
3	WHITE/BLACK	LEFT (C) SPEAKER (+)
4	BLUE/BLACK	LEFT (C) SPEAKER (-)

4

Basic Operation

1. Power / Volume Control

Press the power button (1) to turn the unit on or off. This button also serves as the volume control knob; rotate clockwise or counterclockwise to increase or decrease the volume output.

2. Mute / Loudness

Press **MUTE** (2) momentarily to silence the audio output in tuner, CD, DVD or auxiliary input mode. Press **MUTE** again to resume the previous volume level. This button is also used to access the Loudness function; press and hold **MUTE** to toggle the Loudness function on and off.

3. Liquid Crystal Display (LCD)

The liquid crystal display (LCD) panel (3) displays the frequency, time and activated functions. *Note: When subjected to cold temperatures for an extended period of time, LCD panels will take longer to illuminate and the display visibility may slightly decrease. Optimal LCD operation will return to normal when the temperature increases to a normal range.*


Basic Operation
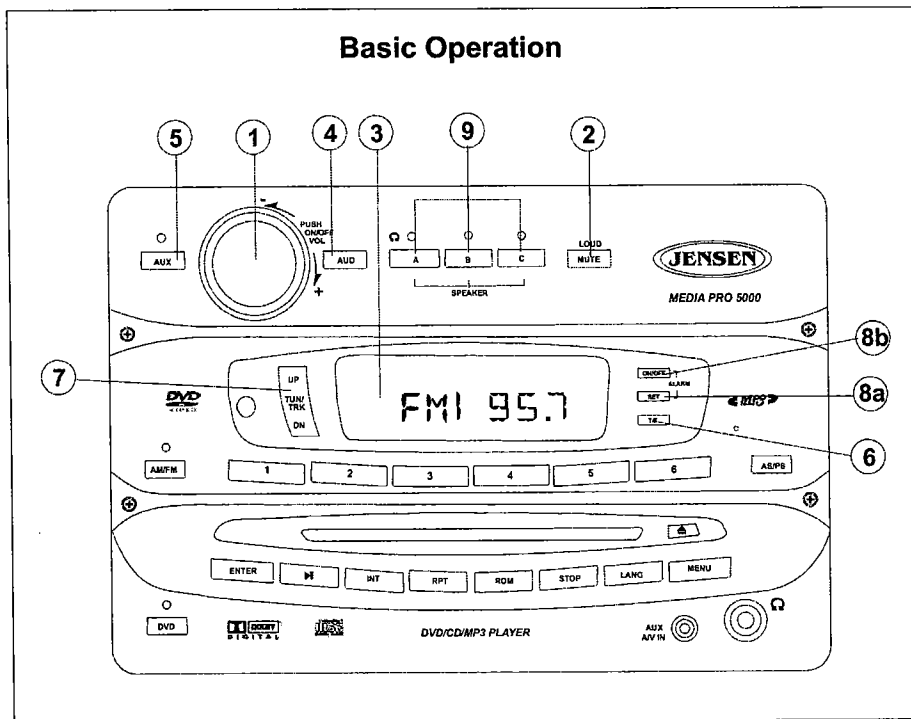
4. Audio Adjustment

Press **AUD** (4) momentarily to step through the following audio adjustment options: Volume, Bass, Treble, Balance (left to right) and Fader (front to back). When the desired option appears in the display, rotate the volume control knob (1) to adjust that audio feature. When no adjustments have been made for three seconds, the unit will resume normal operation.

5. Auxiliary Input Function

Press **AUX** (5) to directly access auxiliary input mode from any other function mode when portable audio device is connected to the unit. To connect a portable audio device, insert a standard 3.5 mm (audio line output or headphone output from your portable CD / MP3 / iPod or other media player) into an "AUX IN" jack on the front or rear of the unit.

Note: For front panel A/V input, an external audio/video (A/V) source such as a video game player, camera, etc. can be connected to the front panel A/V input with a separately purchased 3.5mm A/V cable adapter. Connect the device to the A/V input on the front panel, and press AUX to engage the input circuit. Please note that there are several A/V cable "standards" which differ from each other. The MP5000 is designed to support the Apple Video iPod™ cable type, as shown in the inset drawing.
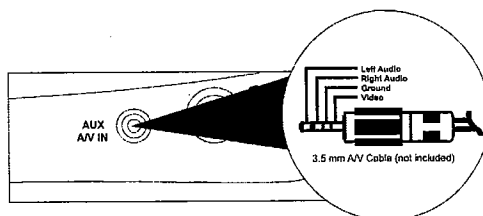
6. Time/Frequency Display

Press **T/F** (6) momentarily to display the time while in Tuner, CD, DVD or auxiliary input mode.

7. Setting the Clock

Press **T/F** (6) to display the clock. Press and hold **T/F**, and the number representing the hours will flash. Press **TUN/TRK UP** or **DN** (7) to adjust the hour. Press **T/F** again briefly, and the number representing the minutes will flash. Press **TUN/TRK UP** or **DN** to adjust the minutes. The new time will be saved five seconds after the last adjustment is made.

8. Setting the Alarm

To set the alarm to a specific time, press **ALARM SET** (8a), and the alarm time will appear in the display with the number representing the hours flashing. Press **TUN/TRK UP** or **DN** (7) to adjust the hour. Press **ALARM SET** again, and the number representing the minutes will flash. Press **TUN/TRK UP** or **DN** to adjust the minutes. Once a time is set, press **ALARM ON/OFF** (8b) to turn the alarm function on or off.

9. Speaker Output

The three speaker output buttons (9) (**SPEAKER A, SPEAKER B** and **SPEAKER C**) control speaker output from the radio. Press any of the three buttons to turn the corresponding speaker on or off. The red light above each button will illuminate when that speaker is turned on.

Tuner Operation

10. Select a Band

Press **AM/FM** (10) momentarily to directly access tuner mode from any other function mode. When the unit is already in tuner mode, briefly press **AM/FM** to change between two AM bands (AM1 and AM2) and three FM bands (FM1, FM2 and FM3).
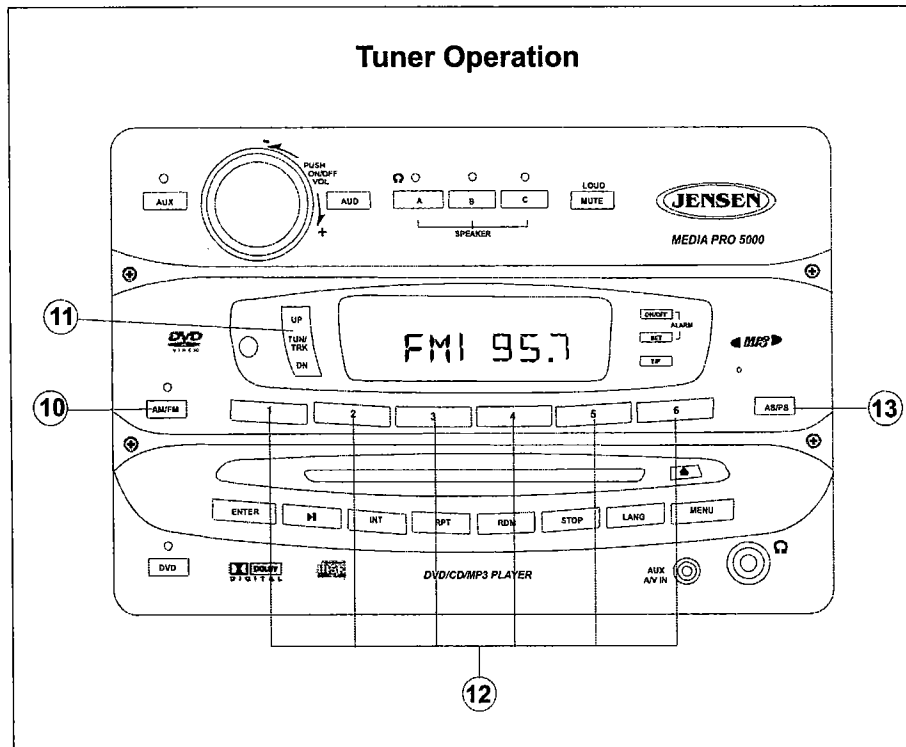
11. Tuning

Manual Tuning

Briefly press **TUN/TRK UP** or **DN** (11) to tune the frequency one step higher or lower.

Seek Tuning

Press and hold **TUN/TRK UP** or **DN** to automatically tune up or down to the next strong station.

Tuner Operation

12. Preset Stations

Store Preset Stations

Six numbered preset buttons (12) store and recall stations for each AM and FM band. To store a station, select a band (if needed), then select a station. Hold a preset button for three seconds. The current station will be stored, and the corresponding preset number will appear in the display.

Recall Preset Stations

To recall a station, select a band (if needed). Press a preset button momentarily, and the unit will tune to the corresponding stored station.

13. Automatically Store / Preset Scan (AS/PS)

Automatically Store

Press **AS/PS** (13) for more than three seconds, and the unit will automatically scan for and store the six strongest stations in the current band. To stop this function before the automatic storing is complete, briefly press **AS/PS** again.

Preset Scan

Briefly press **AS/PS** to scan all preset stations in the current band. The unit will play each station for five seconds before moving on to the next station. To stop this function before the scan is complete, briefly press **AS/PS** again.

CD Operation

14. Insert and Eject CD

Insert CD

Insert a CD label-side up into the CD slot (14a), and the disc will begin to play.

Eject CD

Press the eject button (14b) to stop CD play and eject the CD.

15. Pause

Press the play/pause button (15) to suspend and resume disc play.

16. Track Select

Briefly rotate the **TUN/TRK** knob (16) o advance to the next or previous track on the CD. The selected track number will appear on the display. Rotate the **TUN/TRK** knob for more than three seconds to fast forward or fast reverse through the disc. CD play starts when the play/pause button is pressed.

CD & DVD Operation

9
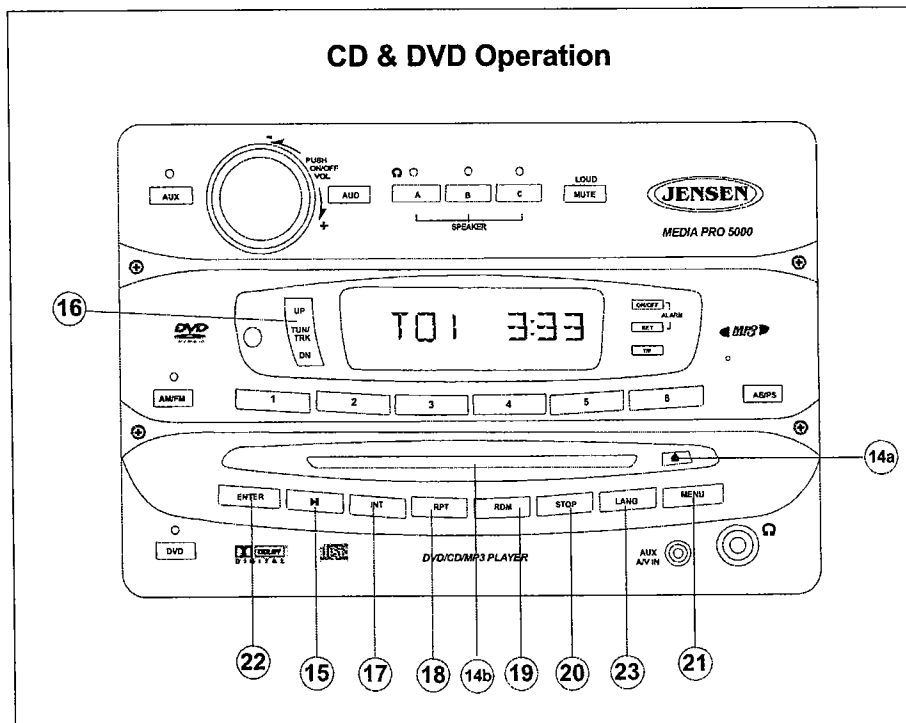
17. Intro Scan (INT)

Press and hold **INT**(17) for more than three seconds during disc play to play the first 10 seconds of each track on the current disc. Press **INT** again to end the scan and play the selected track.

18. Repeat (RPT)

Press and hold **RPT** (18) for more than three seconds during disc play to continuously repeat the selected track. Press and hold **RPT** again to stop repeating.

19. Random Shuffle (RDM)

Press and hold **RDM** (19) for more than three seconds during disc play to play all tracks on a CD in random, shuffled order. Press and hold **RDM** again to stop random play.

DVD Operation

While the majority of DVD funtions are controlled by the included remote control, the following DVD functions may also be accessed using buttons on the radio's front panel. Please see the following page for a comprehensive overview of DVD operation using the remote control.

20. Stop

Press **STOP** (20) to suspend disc play, and "STOP" will appear in the display. Press the play/pause button (15) to resume disc play.

21. Menu

Press **MENU** (21) to return to the root menu while in DVD mode.

22. Enter

While in menu mode, press **ENTER** (22) to select a menu option.

23. Language

While playing a DVD, press **LANG** (23) to select the audio language.

DVD Operation (continued)

The included remote control operations many functions of the unit, including DVD functions. The following buttons on the remote correspond with buttons on the front panel of the radio to control basic, tuner and CD functions in the same manner as described in those sections:

Remote Control
Basic, Tuner & CD Functions

Power (24)

Menu (25)

Mute (26) or Loud (hold for one second)

Eject (27)

Tune + and Tune - (28)

VOL ▲ and VOL ▼ (29)

Fast Forward and Fast Reverse (30)

T/F (31)

Stop (32)

Play/Pause (33)

Language (34)

Repeat (35)

Source (36)

Audio (37)

Enter (38)
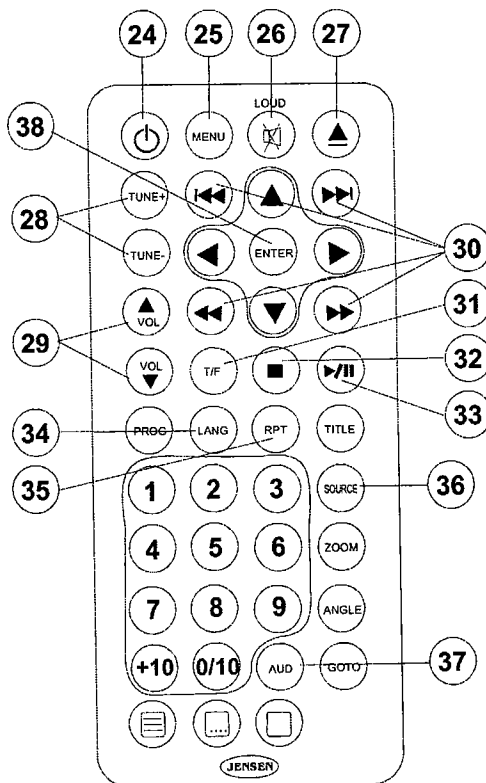
39. Numeric Buttons

To directly access a track, press the corresponding numeric button (1-9) (39). To access a track with a number of 10 or greater, press 10+, then the other numbers. For example, to access track 12, press 10+, then 1, then 2.

40. Directional Arrows

While in the DVD menu, press any of the four directional arrows (40) to move the cursor to the desired menu item. Press **ENTER** (either on the radio or the remote) to confirm the highlighted selection.

41. Title

Press **TITLE** (41) during DVD play to enter the title menu, then use the directional arrows and play button to select and play the desired title. *Note: This feature may not be supported by all disks.*

42. Zoom

Press **ZOOM** (42) during DVD play to zoom the picture, or press **ZOOM** repeatedly to change the magnification level.

43. Angle

Press **ANGLE** (43) to select different visual angles if stored on the disc.

44. Go To

Press **GOTO** (44) during disc play to select time, track or chapter.

45. Setup

Press the setup button (45) to enter the setup menu.

46. Subtitle

Press the subtitle button (46) to select subtitles.

47. Display

Press the display button (47) to display current playback information on the screen.

**Remote Control
DVD Function**

DVD Operation (continued)

DVD Setup

Press SETUP on the remote control to access setup mode, which allows setup of the following four DVD functions:

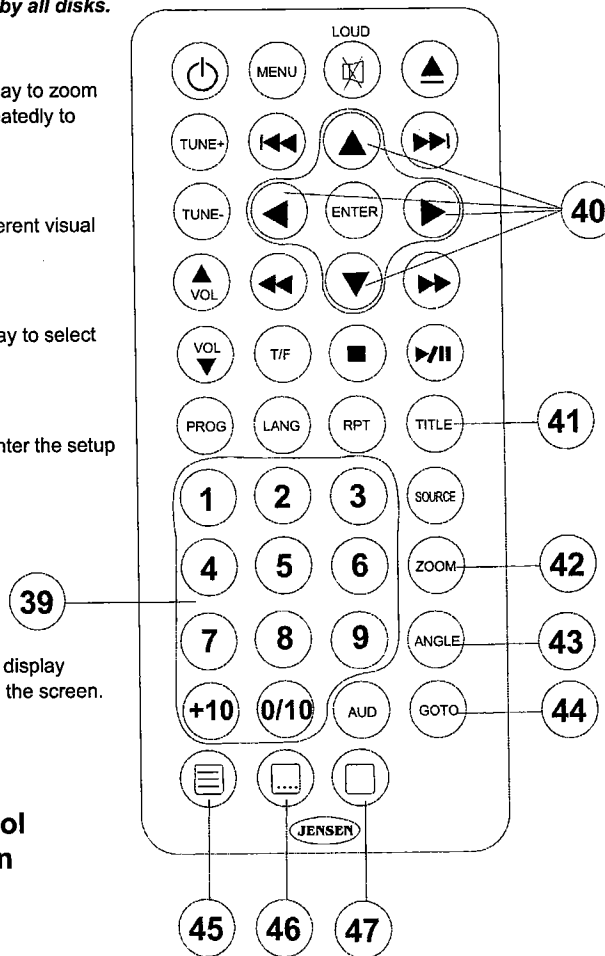- System Setup
- Language Setup
- Audio Setup
- Video Setup

While in the setup menus, use your directional arrows to select and change settings. The "up" and "down" arrows highlight the options, and the "right" and "left" arrows will change the setting for the highlighted option.

System Setup

The system setup menu controls the following features:

```
┌─────────────────────────────────────┐
│           SYSTEM SETUP              │
├─────────────────────────────────────┤
│  TV SYSTEM          NTSC            │
│  VIDEO              PAL60           │
│  TV TYPE            PAL             │
│  PASSWORD           AUTO            │
│  RATING                            │
│  DEFAULT                           │
│                                    │
│  EXIT SETUP                        │
└─────────────────────────────────────┘
```

TV System: This item is used to select a TV signal system to match your TV set. Select one of the following options: NTSC, PAL60, PAL or AUTO.

Video Format.

TV Type: Select one of the following picture formats: 4:3PS, 4:3 LB or 16:9. 4:3 is a letterbox selection, and 16:9 is wide screen.

Password: This item allows the selection of a new four-digit code to use for security purposes.

Rating: Select the parental control level for all DVD play. The security password is required to make changes to this feature.

Default: Use this item to restore default settings at any time.

Language Setup

The language setup menu controls the following features:

```
          LANGUAGE SETUP

  OSD LANGUAGE         ENGLISH
  AUDIO LANG           GERMAN
  SUBTITLE LANG        SPANISH
  MENU LANG            FRENCH
                       PORTUGUESE
  EXIT SETUP           ITALIAN
```

On-Screen Display Language: Set the on-screen display language ON.

Audio Language: Set the audio language to one of the following: English, German, Spanish, French, Portuguese or Italian.

Subtitle Language: Set the subtitle language to one of the following: English, German, Spanish, French, Portuguese or Italian.

Menu Language: Set the menu language to one of the following: English, German, Spanish, French, Portuguese or Italian.

Audio Setup

The audio setup menu controls the following features:

```
            AUDIO SETUP

  AUDIO OUT          SPDIF/OFF
  KEY                SPDIF/RAW
                     SPDIF/PCM




  EXIT SETUP
```

Audio Out: This item defines the digital output format.

Key: This item changes the audio output key.

DVD Operation (continued)

Video Setup

The video setup menu controls the following features:

VIDEO SETUP	
BRIGHTNESS	12
CONTRAST	10
HUE	8
SATURATION	6
SHARPNESS	4
	2
EXIT SETUP	0

Brightness: Adjust the brightness of the screen from the following levels: 12, 10, 8, 6, 4, 2 or 0.

Contrast: Adjust the contrast of the screen from the following levels: 6, 4, 2, 0, -2, -4 or -6.

Hue: Adjust the hue of the screen from the following levels: 6, 4, 2, 0, -2,- 4 or - 6.

Saturation: Adjust the saturation of the screen from the following levels: 12, 10, 8, 6, 4, 2 or 0.

Sharpness: Adjust the sharpness of the screen from the following levels: 0, 2, 4, 6 or 8.

Specifications

General

Power Supply Requirements . . . . DC 12 Volts, Negative Ground
Operating Voltage 11-16VDC
Overall Dimensions . . . . 265mm(W)x178mm(H)x159mm(D)
Mounting Dimensions . . . . 235mm(W)x154mm(H)x133mm(D)
Weight . . . . 3.75 lbs.(1.7 Kg)

FM Tuner

Tuning range 87.5-107.9FM
Sensitivity . . . . <2.5uV
Stereo separation @ 1 kHz . . . . >30dB

AM Tuner

Tuning range 530-1710
Sensitivity . . . . <15uV

Amplifier

Output Power . . . . 75 Watts Total (25 Watts per Channel)
Output Wiring . . . . .2/6 Speaker and Headphone System
Output Impedance . . . . Compatible with 4-8 Ohm Speakers, 4 Ohm Load Minimum
Total system power . . . . 75 Watts Maximum

DVD

Frequency Response . . . . 20-20,000 Hz
Channel Separation 50dB
S/N Ratio 70dB
Distortion 0.2%

Specifications subject to change without notice.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the User's authority to operate the equipment."