Installation & Owner's Manual

- **2 USB Ports**
  - iPod®/iPhone®/Flash Drive
  - SDHC Supported
  - MP3/WMA/AAC Playback

- **CD**
  - CD-R/RW Compatible

- **Aux**
  - 3.5mm Input

- **3 Band EQ**
  - HPF/LPF/Q-Factor/C-Freq.

- **Bluetooth**
  - HFP/A2DP/AVRCP/PBAP

- **RGB Custom Colors**
Preparation
Please read entire manual before installation.

Before You Start
• Disconnect negative battery terminal. Consult a qualified technician for instructions.
• 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.

Getting Started
• Remove trim ring from unit,
• Insert the supplied keys into the slots as shown, and slide the unit out of the mounting sleeve.
• Install mounting sleeve into opening, bending tabs to secure.
• Connect wiring harness and antenna. Consult a qualified technician if you are unsure.
• Certain vehicles may require an installation kit and/or wiring harness adapter (sold separately).
• Test for correct operation and slide into mounting sleeve to secure.
• Snap trim ring into place.

TYPICAL FRONT-LOAD DIN MOUNTING METHOD
XDMA7600

Wiring Diagram

RCA Preamp Output Connections
- SUBWOOFER
- REAR
- FRONT

BLACK Female USB Input
- Rear USB Connection

Optional USB Extension Cable
(Optional)

Steering Wheel Interface Input
- PAC SWI-PS connection (sold separately)

3.5mm Bluetooth Microphone Input
- Connect the included Bluetooth microphone.

BLUE Remote Turn-On
- Connect to amplifier or power antenna. Insulate wire if not used.

BLACK Ground
- Connect to the vehicle chassis ground.

RED Accessory
- Connect to an existing ignition circuit or switched 12 volt source.

YELLOW Memory
- Connect to the battery circuit or constant 12 volt source.

Injection
- Right Front: Gray/Black (-), Gray (+)
- Left Front: White/Black (-), White (+)
- Right Rear: Violet/Black (-), Violet (+)
- Left Rear: Green/Black (-), Green (+)

Bluetooth Microphone
- (must be connected for Bluetooth functionality)

FUSE
When replacing the fuse, make sure new fuse is the correct type and amperage. Using an incorrect fuse could damage the radio. The XDMA7600 uses one 10 amp ATM fuse located beside the wiring connector.
## XDMA7600

### Receiver - Controls

<table>
<thead>
<tr>
<th>Control</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Source/Power</td>
<td>Changes to another mode of operation. Hold down to power off/on.</td>
</tr>
<tr>
<td>2</td>
<td>Band/Back</td>
<td>Accesses additional radio presets and cycles between FM and AM radio. Steps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>backward or exits music searches or menus.</td>
</tr>
<tr>
<td>3</td>
<td>Select</td>
<td>Activates music searches. Confirms menu options.</td>
</tr>
<tr>
<td>4</td>
<td>Color</td>
<td>Changes the illumination color. Hold to access the color menu.</td>
</tr>
<tr>
<td>5</td>
<td>Bluetooth Talk</td>
<td>Answers phone calls. Accesses Number Dial, Recent Calls and Redial functions.</td>
</tr>
<tr>
<td>6</td>
<td>Display</td>
<td>Cycles displayed information. Hold to set the clock.</td>
</tr>
<tr>
<td>7</td>
<td>Front USB Port</td>
<td>Connect a USB flash drive, iPod or iPhone device.</td>
</tr>
<tr>
<td>8</td>
<td>Open</td>
<td>Opens the front panel to access the reset button, CD and SD card slots.</td>
</tr>
<tr>
<td>9</td>
<td>Auxiliary Input</td>
<td>Connect a 3.5mm cable from the headphone output of an MP3 player.</td>
</tr>
<tr>
<td>10</td>
<td>Preset 6/Folder Up</td>
<td>Recall/Set preset 6. Changes to the next folder.</td>
</tr>
<tr>
<td>11</td>
<td>Preset 5/Folder Down</td>
<td>Recall/Set preset 5. Changes to the previous folder.</td>
</tr>
<tr>
<td>13</td>
<td>Preset 3/Intro</td>
<td>Recall/Set preset 3. Intro menu (plays the first 10 seconds of each song).</td>
</tr>
<tr>
<td>14</td>
<td>Preset 2/Random</td>
<td>Recall/Set preset 2. Random menu (shuffles songs in a random playback order)</td>
</tr>
<tr>
<td>15</td>
<td>Preset 1/Repeat</td>
<td>Recall/Set preset 1. Repeat menu (repeat the current song, folder or album).</td>
</tr>
<tr>
<td>16</td>
<td>Track/Tune Up</td>
<td>Changes to the next song or radio station. Hold to fast forward or seek up.</td>
</tr>
<tr>
<td>17</td>
<td>Bluetooth End Call</td>
<td>Ends the current phone call. Hold to disconnect from Bluetooth.</td>
</tr>
<tr>
<td>18</td>
<td>Track/Tune Down</td>
<td>Changes to the previous song or radio station. Hold to rewind or seek down.</td>
</tr>
<tr>
<td>19</td>
<td>Audio/Menu</td>
<td>Accesses the audio options. Hold to access the setup menu.</td>
</tr>
<tr>
<td>20</td>
<td>Mute</td>
<td>Mutes the audio output.</td>
</tr>
</tbody>
</table>
**XDMA7600**

**IR Remote - Controls**

1. Source / Power ()
2. Select
3. Volume Up
4. Audio / Menu
5. Tune / Track Up
6. Volume Down
7. Mute
8. Preset 2 / Random
9. Preset 3 / Intro
10. Preset 6 / Folder Up
11. Preset 5 / Folder Down
12. Key 9 / # Key
13. End Call
14. Key 0 / Display
15. Talk
16. Key 7 / * Key
17. Key 8 / Color
18. Preset 4 / Play / Pause
19. Preset 1 / Repeat
20. Band / Back
21. Tune / Track Down
**General Operation**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Faceplate Removal</strong></td>
<td>Press RELEASE to fold down the front panel. While pushing the front panel left, pull the right side away to remove. To reinstall, slide in bottom left side, then snap left side up and into place.</td>
</tr>
<tr>
<td><strong>Power On/Off</strong></td>
<td>Press 🌌 or any other button to turn unit on. Press and hold 🌌 to turn unit off.</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>Press SOURCE to select between AM/FM, CD, auxiliary input, operation of iPod, USB, SD and Bluetooth modes. Modes of operation are indicated in the display.</td>
</tr>
<tr>
<td><strong>Steering Wheel Interface</strong></td>
<td>The steering wheel interface input located on the back of the head unit allows connection to the PAC (Pacific Accessory Corporation) SWI-PS interface module (sold separately). Visit <a href="http://www.pac-audio.com">www.pac-audio.com</a> for details.</td>
</tr>
<tr>
<td><strong>Auxiliary Input</strong></td>
<td>Insert 3.5 mm plug to connect your portable audio device.</td>
</tr>
<tr>
<td><strong>Volume</strong></td>
<td>Adjust volume using volume knob (00-46).</td>
</tr>
<tr>
<td><strong>Mute</strong></td>
<td>Press MUTE to silence the audio. Press MUTE again to cancel.</td>
</tr>
<tr>
<td><strong>Reset</strong></td>
<td>Press the RESET button, located behind the front panel, to reset the unit back to the factory settings if abnormal operation occurs.</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Press DISPLAY to toggle between items such as clock, radio frequency, or ID3 tag song information.</td>
</tr>
<tr>
<td><strong>Set the Clock</strong></td>
<td>With the unit on, press and hold DISPLAY until the clock begins to flash, then release. Press TUNE &lt;&lt; to adjust the hours and TUNE &gt;&gt; to adjust the minutes. Press DISP momentarily to save the selected time.</td>
</tr>
<tr>
<td><strong>12/24-Hour Clock</strong></td>
<td>The clock will display 12-hour AM/PM time in USA frequency spacing mode (PM 10:00). In European frequency spacing mode, the clock will display 24-hour time (22:00).</td>
</tr>
</tbody>
</table>

**Changing Illumination Colors**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preset Color</strong></td>
<td>Press COLOR to enter the color menu. Turn the volume knob to highlight “PRESET” and press SELECT. Turn the volume knob left/right to cycle between OFF, AUTO, or 1-31 preset colors.</td>
</tr>
<tr>
<td><strong>Custom Color</strong></td>
<td>Press COLOR to enter the color menu. Turn the volume knob to highlight “CUSTOM” and press SELECT. Choose the level of red from 1-16 using the volume knob. Press SELECT to continue. Choose the level of green from 1-16 using the volume knob. Press SELECT to continue. Choose the level of blue from 1-16 using the volume knob. Press SELECT to confirm the final color.</td>
</tr>
</tbody>
</table>
Setup Menu

Press and hold AUDIO/MENU for more than 3 seconds to access the setup menu, then press AUDIO/MENU to cycle through menu options. When desired option appears in the display, rotate the volume knob left/right to adjust or activate desired function. Press BACK to exit any menu or submenu.

<table>
<thead>
<tr>
<th>Function</th>
<th>Options</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Station Store</td>
<td>AUTO PGM STATIONS</td>
<td>Press SELECT to begin automatically programming strong radio stations to the 6 preset buttons in the current band. (Tuner mode only)</td>
</tr>
<tr>
<td>Local/Distance Tuning</td>
<td>LOCAL OFF</td>
<td>Activates distance tuning. (Tuner mode only)</td>
</tr>
<tr>
<td></td>
<td>LOCAL ON</td>
<td>Activates local tuning for strong station reception only. (Tuner mode only)</td>
</tr>
<tr>
<td>Tuner Frequency Spacing</td>
<td>FREQ USA</td>
<td>Programs the unit to USA tuner spacing. (200kHz for FM and 10kHz for AM). (Tuner mode only)</td>
</tr>
<tr>
<td></td>
<td>FREQ EUR</td>
<td>Programs the unit to European tuner spacing. (50kHz for FM and 9kHz for AM). (Tuner mode only)</td>
</tr>
<tr>
<td>Selectable iPod Control</td>
<td>IPOD CNT FULL</td>
<td>Programs the head unit to advanced control of the iPod/iPhone device.</td>
</tr>
<tr>
<td></td>
<td>IPOD CNT MANUAL</td>
<td>Programs the head unit to basic control of the iPod/iPhone device and allows music to be controlled from the iPod/iPhone device.</td>
</tr>
<tr>
<td>Loudness Curve</td>
<td>LOUD OFF</td>
<td>Disables the loudness function.</td>
</tr>
<tr>
<td></td>
<td>LOUD 1/2/3</td>
<td>Enables the loudness function. Activating this feature will enhance the bass and treble frequencies when listening to music at low volumes.</td>
</tr>
<tr>
<td>Clock Display</td>
<td>CLOCK OFF</td>
<td>Programs unit to not display the clock when the power is off.</td>
</tr>
<tr>
<td></td>
<td>CLOCK ON</td>
<td>Programs unit to display the clock when the power is off.</td>
</tr>
<tr>
<td>Auxiliary Input</td>
<td>AUX ON</td>
<td>Enables the front panel 3.5mm auxiliary input.</td>
</tr>
<tr>
<td></td>
<td>AUX OFF</td>
<td>Disables the auxiliary input.</td>
</tr>
<tr>
<td>Beep Confirmation</td>
<td>BEEP OFF</td>
<td>Disables the confirmation beep.</td>
</tr>
<tr>
<td></td>
<td>BEEP ON</td>
<td>Enables the confirmation beep.</td>
</tr>
<tr>
<td>Programmable Turn On Volume</td>
<td>PRO VOL #</td>
<td>Programs unit to always turn on at a specific volume (default is OFF). Any volume level 1-46 can be selected.</td>
</tr>
<tr>
<td>Power on Message</td>
<td>MESSAGE OFF</td>
<td>Disables power on message. (example: GOOD MORNING)</td>
</tr>
<tr>
<td></td>
<td>MESSAGE ON</td>
<td>Enables power on message to be displayed.</td>
</tr>
<tr>
<td>Scrolling Option</td>
<td>SCROLL 15 SEC</td>
<td>Programs unit to scroll information once every 15 seconds.</td>
</tr>
<tr>
<td></td>
<td>SCROLL ONCE</td>
<td>Programs unit to scroll once, then show first 10 characters on display.</td>
</tr>
<tr>
<td></td>
<td>SCROLL ON</td>
<td>Programs unit to scroll continuously.</td>
</tr>
<tr>
<td></td>
<td>SCROLL OFF</td>
<td>Programs unit to show the first 10 characters on the display.</td>
</tr>
<tr>
<td>Illumination Dimmer</td>
<td>DIMMER HIGH</td>
<td>Programs unit to the brightest illumination level.</td>
</tr>
<tr>
<td></td>
<td>DIMMER MEDIUM</td>
<td>Programs unit to the middle illumination level.</td>
</tr>
<tr>
<td></td>
<td>DIMMER LOW</td>
<td>Programs unit to the dimmest illumination level.</td>
</tr>
<tr>
<td>Auto Color Change</td>
<td>AUTO OFF</td>
<td>Programs the unit to remain the selected color.</td>
</tr>
<tr>
<td></td>
<td>AUTO ON</td>
<td>Programs the unit to constantly change colors.</td>
</tr>
<tr>
<td>Demonstration Mode</td>
<td>DEMO OFF</td>
<td>Disables the demonstration mode.</td>
</tr>
<tr>
<td></td>
<td>DEMO ON</td>
<td>Enables the demonstration message.</td>
</tr>
</tbody>
</table>

*See page 24 for Bluetooth setup menu options.
Audio Menu

Press AUDIO/MENU momentarily to cycle between Bass, Treble, Balance, Fader, Equalizer; Subwoofer; High Pass Filter and Source Volume Level. Press BACK at any time to exit the audio menu.

Bass
Press AUDIO/MENU until BASS appears, then rotate the volume knob left/right to adjust [-6 minimum / +6 maximum].

Middle
Press AUDIO/MENU until MIDDLE appears, then rotate the volume knob left/right to adjust [-6 minimum / +6 maximum].

Treble
Press AUDIO/MENU until TREBLE appears, then rotate the volume knob left/right to adjust [-6 minimum / +6 maximum].

Note: Bass, Middle and Treble settings are retained for each mode individually.

Balance
Press AUDIO/MENU until BALANCE appears, then rotate the volume knob left/right to adjust (BALANCE LEFT 12 to BALANCE RIGHT 12). "BALANCE EVEN" represents equal balance.

Fader
Press AUDIO/MENU until FADER appears, then rotate the volume knob left/right to adjust (FADER FRONT 12 to FADER REAR 12). "FADER EVEN" represents equal fader.

EQ
Press AUDIO/MENU until EQ appears. Rotate the volume knob left/right to select between FLAT (default), POP, JAZZ, CLASSIC, BEAT, ROCK and USER equalization curves. Press SELECT to confirm. Any manual adjustment to the Bass, Middle or Treble settings are automatically saved as USER.

Subwoofer
Press AUDIO/MENU until SUBWFR appears, then press SELECT to confirm. Rotate the volume knob left/right to adjust (0-12). Adjusting the level to 0 turns the subwoofer off.

High Pass Filters
Enabling HPF will filter low subwoofer bass frequencies from the front/rear speaker outputs. Use this feature to remove distortion from the speakers

Press AUDIO/MENU until HPF appears, then turn the volume knob left/right to adjust [62, 95, 135 Hz].

Source Volume Level
The source volume level control allows a gain adjustment for each audio source. Set the source volume level for each mode, depending on the relative volume of each audio source.

To set the source volume level, press AUDIO/MENU until "SOURCE LEVEL" appears. After one second, the current mode will appear on the display. Turn the volume knob to adjust the audio level of the current source [-6 minimum / +6 maximum].

Note: Only the current mode will be available for adjustment. Change to another mode to set the source level for that mode.
The XDMA7600 includes advanced audio control to provide superior adjustability in the sound output. These adjustments include:

- **Center Frequency** - focuses bass, mid, and treble adjustments around a specific frequency.
- **Quality ("Q") Factor** - narrows or expands the bass or mid bandwidth around the center frequency.
- **Low Pass Filters** - removes mid and treble frequencies from the subwoofer RCA outputs.

These advanced audio controls are located as sub-menu items in the audio menu as shown below.

![Audio Menu - Advanced Control Diagram]

- **Bass Center Frequency**: Press AUDIO/MENU until BASS appears. Then press SELECT until BAS FREQ appears. Rotate the volume knob to adjust (50Hz - 100Hz - 200Hz).
- **Middle Center Frequency**: Press AUDIO/MENU until MIDDLE appears. Then press SELECT until MID FREQ appears. Rotate the volume knob to adjust (0.5kHz - 1kHz - 2.0kHz).
- **Treble Center Frequency**: Press AUDIO/MENU until TREBLE appears. Then press SELECT until TRE FREQ appears. Rotate the volume knob to adjust (5kHz - 10kHz - 15kHz).
- **Bass "Q" Factor**: Press AUDIO/MENU until BASS appears. Then press SELECT twice until BAS Q appears. Rotate the volume knob to adjust (0.7 - 1.0 - 1.4 - 2.0).
- **Mid "Q" Factor**: Press AUDIO/MENU until MIDDLE appears. Then press SELECT twice until MID Q appears. Rotate the volume knob to adjust (0.7 - 1.0 - 1.4 - 2.0).
- **Treble "Q" Factor**: Press AUDIO/MENU until TREBLE appears. Then press SELECT twice until TRE Q appears. Rotate the volume knob to adjust (0.7 - 1.0 - 1.4 - 2.0).
- **Low Pass Filters**: Press AUDIO/MENU until SUBWFR appears. Then press SELECT until SUB LPF appears. Rotate the volume knob to adjust (FULL - 55Hz - 85Hz - 120Hz).

**Note**: When using the LPF feature, set any crossover on the amplifier to full range or off, to avoid filtering of audio frequencies twice.
**LCD Icon Layout**

**AM/FM Tuner Operation**

**Seek Tuning**  Press TUNE ◄ or TUNE ► for more than one second to seek the next strong station.

**Manual Tuning**  Press TUNE ◄ or TUNE ► momentarily to move radio frequency up or down one step at a time. Press and hold to advance quickly.

**Scan Tuning**  Press SCAN on the remote control momentarily to preview strong stations on the current band, pausing for five seconds at each. Press SCAN on the remote control again to cancel.

**Band**  Press BAND to select between FM1, FM2, FM3, AM1 and AM2 bands. Up to six presets can be programmed for each band.

**Storing and Recalling Station Presets**  Up to 18 FM stations and 12 AM stations can be stored in memory. To store a station, select the desired band and station. Press and hold the desired preset button [1-6] for more than two seconds. When stored, the preset number will appear in the display. The station can be recalled by pressing the corresponding preset button.
## XDMA7600

### CD Player Operation - Audio CDs

<table>
<thead>
<tr>
<th><strong>Insert CD</strong></th>
<th>Fold down front panel to access the CD slot. With the label facing up, insert a standard size CD into the CD slot. The CD will automatically begin playback.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eject CD</strong></td>
<td>Fold down front panel and press EJECT to eject the CD. The unit will change to previous mode of operation. If the disc is not removed within 10 seconds, the unit will reload the disc. The unit does not have to be turned on to eject CD.</td>
</tr>
<tr>
<td><strong>Track Select</strong></td>
<td>Press TRACK ►► to skip to the beginning of the next track. Press TRACK ◄◄ to return to the beginning of the current track. Pressing TRACK ◄◄ again skips to the beginning of the previous track.</td>
</tr>
<tr>
<td><strong>Fast Forward/Reverse</strong></td>
<td>Press and hold TRACK ►► or TRACK ◄◄ to fast forward or reverse a track.</td>
</tr>
<tr>
<td><strong>Pause</strong></td>
<td>Press ►/II to temporarily stop CD playback. Press ►/II again to resume playback.</td>
</tr>
<tr>
<td><strong>Intro</strong></td>
<td>Press INT to enter the Intro menu, then turn the volume knob to select one of the following options:</td>
</tr>
<tr>
<td></td>
<td>• OFF - Cancels the INT function.</td>
</tr>
<tr>
<td></td>
<td>• ALL - Plays the first 10 seconds of each track.</td>
</tr>
<tr>
<td><strong>Repeat</strong></td>
<td>Press RPT to enter the Repeat menu, then turn the volume knob to select one of the following options:</td>
</tr>
<tr>
<td></td>
<td>• ALL - Plays all tracks on CD.</td>
</tr>
<tr>
<td></td>
<td>• SONG - Continuously repeats selected track.</td>
</tr>
<tr>
<td><strong>Random</strong></td>
<td>Press RDM to enter the Random menu, then turn the volume knob to select one of the following options:</td>
</tr>
<tr>
<td></td>
<td>• OFF - Cancels the RDM function.</td>
</tr>
<tr>
<td></td>
<td>• ALL - Plays all tracks in random order.</td>
</tr>
<tr>
<td><strong>CD-R/CD-RW Compatibility</strong></td>
<td>Some CD-Rs and CD-RWs may be incompatible with this unit, depending on media type and recording method. In addition, the following CDs may be incompatible with this unit:</td>
</tr>
<tr>
<td></td>
<td>CDs exposed to extreme temperatures or direct sunlight for extended periods of time, CDs recorded in which a recording session failed or a re-recording was attempted and, or encrypted or copy-protected CDs which do not conform to the audio CD-DA red book recording standard.</td>
</tr>
</tbody>
</table>
CD Player Operation - MP3/WMA/AAC

Playing an MP3/WMA/AAC Disc

When an MP3/WMA/AAC encoded disc is first inserted, “READING” will appear in the display. Depending on the number of files and folders, this may take several seconds.

Folder Access

Press \( \rightarrow \) to select the next folder.
Press \( \leftarrow \) to select the previous folder.

*Folder access is only available on discs recorded with more than one folder.

Repeat

Press RPT to enter the Repeat menu, then turn the volume knob to select one of the following options:
- ALL - Plays all tracks on CD.
- SONG - Continuously repeats selected track.
- FOLDER - Continuously repeats all files in the folder.

Random

Press RDM to enter the Random menu, then turn the volume knob to select one of the following options:
- OFF - Cancels the RDM function.
- ALL - Plays all tracks in random order.
- FOLDER - Plays all tracks in the folder in random order.

Note: Random mode is retained in memory when selecting between other modes and when the unit is turned on/off.

Intro

Press INT to enter the Intro menu, then turn the volume knob to select one of the following options:
- OFF - Cancels the INT function.
- ALL - Plays first 10 seconds of each track.
- FOLDER - Plays first 10 seconds of each track in folder.

Note: Folder repeat, random and intro options only function on MP3/WMA/AAC discs recorded with more than one folder.

Displaying Information

Press DISP momentarily to select between artist/song title [default], file/folder name, track number/clock & elapsed time.

<table>
<thead>
<tr>
<th>(LINE 1)</th>
<th>ARTIST</th>
<th>FILE NAME</th>
<th>ELAPSED TIME</th>
<th>TRACK NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>(LINE 2)</td>
<td>SONG TITLE</td>
<td>FOLDER NAME</td>
<td>CLOCK</td>
<td>TOTAL TRACKS</td>
</tr>
</tbody>
</table>

“NO ID3 TAG” will be displayed if the MP3 file contains no ID3 tag information.

“UNKNOWN” will be displayed if the WMA file contains no WMA tag information.

“ROOT” will be displayed if the directory name of a root folder is not labeled.
CD Player Operation - MP3/WMA/AAC

File/Folder Search

Begin Searching

Press SELECT to enter the data CD file/folder search mode. An alphabetical list of files and folders in the current folder from the USB/SD card device will be displayed.

Search menu controls

- Turn the volume knob to cycle through the list of files and folders.
- Press SELECT to change to the selected folder or play the selected file.
- Press BACK to change to the previous folder or to exit the search menu (from the "ROOT" folder).

File and Folder names

The FOLDER icon will illuminate when a folder name is currently being displayed.

The FILE icon will illuminate when a file name is currently being displayed.

Note: Files not located in a folder will appear in the "ROOT" folder.

Controls for File/Folder search:

- **Volume knob**: Turn to cycle through the list of folders/files in the current folder.
- **SELECT**: View the contents of the highlighted folder, or to play the highlighted file.
- **BACK**: Return to the previous folder, or to exit out of the menu while the root folder is being viewed.
## CD Player Operation - MP3/WMA/AAC

### File/Folder Compatibility and Support

| **Compatible File Types** | • CD-ROM (ISO), CD-R, CD-RW  
• CD-DA (digital audio)  
• MP3 data [.mp3]  
• WMA data [.wma]  
• AAC data [.m4a] |
|----------------------------|---------------------------------------------------------------|
| **Incompatible File Types** | • DRM protected files  
• WMA lossless  
• Apple lossless  
• WMA Pro  
• MP3 Pro  
• MP3 playlists  
• WAV lossless |
| **Recording Format Compatibility** | • ISO9660 level 1 & level 2  
• Yellow book MODE 1 & MODE 2 FORM 1  
• Multi session |
| **Sampling Frequency Rate Compatibility** | • MP3: 8kHz - 48kHz  
• WMA: 32kHz - 48kHz  
• AAC: 8kHz - 48kHz |
| **Transfer Bit Rate Compatibility** | • MP3: 32kbps - 320kbps  
• WMA: 32kbps - 192kbps  
• AAC: 48kbps - 288kbps |
| **Character Support** | • Song Title: 30 characters  
• Artist Name: 30 characters  
• Album Name: 30 characters  
• File Name: 32 characters  
• Folder Name: 32 characters |
| **ID3 Tag Support** | • MP3 Tags: Version 1.0 - 2.4  
• WMA Tags |
| **File/Folder Limit** | • Maximum folders and files: 256  
• Maximum folder levels: 8 |
XDMA7600

Operation of iPod/iPhone

Connecting an iPod/iPhone Device

When the control of iPod/iPhone feature is set to "FULL" in the Setup Menu, use the following functions to control the device:

### USB Connection
Using the "dock connector to USB" sync cable (provided with the iPod/iPhone device), plug the USB cable into one of the XDMA7600’s two USB ports. Once connected, playback will begin automatically.

You may connect the iPod/iPhone device to the front USB port, rear USB port, or to both ports. A USB extension cable is included for better rear USB port access.

### Controlling a Device: Full Control

#### Song Select
- Press ➤➤ to skip to the beginning of the next song.
- Press ◄◄ to return to the beginning of the current song.
- Pressing ◄◄ again skips to the beginning of the previous song.

#### Fast Forward and Reverse
- Press and hold ➤➤ or ◄◄ to fast forward or reverse a song.

#### Pause
- Press ➪/❚ to temporarily stop playback.
- Press ➪/❚ again to resume playback.

#### Repeat
- Press RPT to enter the Repeat menu, then turn the **volume knob** to select one of the following options:
  - ALL - Repeats all tracks.
  - SONG - Repeats selected track.

#### Random
- Press RDM to enter the Random menu, then turn the **volume knob** to select one of the following options:
  - OFF - Cancels the RDM function.
  - ALL - Plays all tracks in random order.
  - ALBUM - Plays all tracks in the selected album in random order.

#### Intro
- Press INT to enter the Intro menu, then turn the **volume knob** to select one of the following options:
  - OFF - Cancels the INT function.
  - ON - Plays first 10 seconds of each track.
Operation of iPod/iPhone

Controlling a Device: Full Control - Music Search

The XDMA7600 features a powerful music search that simplifies the searching process. Follow the steps below to find the desired song:

- **Begin Searching** Press SELECT to begin the search. The main search menu will appear.
- **Select a Category** Turn the volume knob to select between artist, album, song, playlist, podcast, audiobook and genre. Press SELECT to select the desired search category. Some categories have subcategories to navigate through. See the table below for details.

### Search Category | Menu Navigation
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Artist</td>
<td>Menu ➔ Artists ➔ Albums ➔ Songs</td>
</tr>
<tr>
<td>Album</td>
<td>Menu ➔ Albums ➔ Songs</td>
</tr>
<tr>
<td>Song</td>
<td>Menu ➔ Songs</td>
</tr>
<tr>
<td>Playlist</td>
<td>Menu ➔ Playlists ➔ Songs</td>
</tr>
<tr>
<td>Audiobook</td>
<td>Menu ➔ Audiobooks</td>
</tr>
<tr>
<td>Podcast</td>
<td>Menu ➔ Podcasts</td>
</tr>
<tr>
<td>Genre</td>
<td>Menu ➔ Genre ➔ Genres List ➔ Artists ➔ Albums ➔ Songs</td>
</tr>
</tbody>
</table>

- **Step Backwards** Press BACK to return to the previous menu, or exit the search menu when the main menu is shown.
- **Playing a Song** Navigate to the desired song/podcast/audiobook and press SELECT to begin playback.

**Note:** If a specific category is selected, the iPod/iPhone device playback will be limited to that category until another category is selected in the search menu.

### Displayed Information

- **Displaying Information** Press DISP momentarily to select file/folder name (default), song title/artist, track number/clock & elapsed time.

  ![Displaying Information](image)

- **Character Support** Maximum character display information
  - *Song Title* - 32 character maximum
  - *Artist Name* - 32 character maximum
  - *Album Name* - 32 character maximum

*Song Title, Artist Name and Album Name will only be displayed if included with the file.*
Operation of iPod/iPhone

Controlling a Device: Manual Control

When the control of iPod/iPhone feature is set to "MANUAL" in the iPod Menu, use the following functions to control the device:

**Manual Control for iPod**

When "MANUAL" control for iPod is selected from the Setup Menu, the iPod or iPhone device can be controlled directly from the device's interface. All functions except for volume can be used from the iPod or iPhone device.

**Basic Head Unit Control**

In addition to manual control of the iPod/iPhone device, the following basic functions are still active:

- **Song Select**
  - Press ▶️ to skip to the beginning of the next song.
  - Press ◀️ to return to the beginning of the current song.
  - Pressing ◀️ again skips to the beginning of the previous song.

- **Pause**
  - Press ⏸️ to temporarily stop playback.
  - Press ⏸️ again to resume playback.

- **Volume**

  When playing an iPod device, the volume is adjustable using the volume controls on inside panel.

- **Compatibility**

  To be compatible with manual control mode, the iPod/iPhone device must be update with the latest firmware using iTunes.

  See the list below for compatibility details.

---

**Device Compatibility**

**Made for**

- iPod touch (4th generation)
- iPod nano (6th generation)
- iPod touch (3rd generation)
- iPod nano (5th generation)
- iPod touch (2nd generation)
- iPod nano (4th generation)
- iPod classic
- iPod touch (1st generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod with video
- iPod nano (1st generation)
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

*These iPod devices are not compatible with manual control mode.*
# USB/SD Card Operation

## Connect a USB Device
(sold separately)

To play MP3/WMA/AAC files from most mass storage devices, connect a device to one of the XDMA7600’s two USB ports [front or rear].

## Connect an SD Card
(sold separately)

To play MP3/WMA/AAC files from an SD Card, insert an SD card into the XDMA7600’s SD card slot, located behind the front panel. Insert the SD card with the label facing to the left, and press the card until it clicks into place. Remove the SD card by pressing in until it clicks, then pull to remove.

## Playing Music

When a USB or SD card device is first connected, playback will begin momentarily. Depending on the number of files and folders, it may take several seconds for the device to begin playing. If no valid MP3/WMA/AAC files are detected, “NO FILE” will be displayed and the last mode will be resumed.

## Track Select

Press TRACK ▶️ to skip to the beginning of the next track.
Press TRACK ◀️ to return to the beginning of the current track. Pressing TRACK ◀️ again skips to the beginning of the previous track.

## Fast Forward and Reverse

Press and hold TRACK ▶️ or TRACK ◀️ to fast forward or reverse a track.

## Pause

Press ▶️/⏸️ to temporarily stop USB playback.
Press ▶️/⏸️ again to resume playback.

## Folder Access

Press ➯ to select the next folder.
Press ← to select the previous folder.

**Note:** Folder access is only available on USB/SD Card devices with more than one folder.

## Repeat

Press RPT to enter the Repeat menu, then turn the volume knob to select one of the following options:
- ALL - Plays all tracks on the USB/SD Card device.
- SONG - Continuously repeats selected track.
- FOLDER - Continuously repeats all files in selected folder.

## Random

Press RDM to enter the Random menu, then turn the volume knob to select one of the following options:
- OFF - Cancels the RDM function.
- ALL - Plays all tracks in random order.
- FOLDER - Plays all tracks in folder in random order.

**Note:** Random mode is retained in memory when selecting between other modes and when the unit is turned on/off.

## Intro

Press INT to enter the Intro menu, then turn the volume knob to select one of the following options:
- OFF - Cancels the INT function.
- ALL - Plays first 10 seconds of each track.
- FOLDER - Plays first 10 seconds of each track in folder.
File/Folder Search

Begin Searching
Press SELECT to enter the USB/SD file/folder search mode. An alphabetical list of files and folders in the current folder from the USB/SD card device will be displayed.

Search menu controls
• Turn the volume knob to cycle through the list of files and folders.
• Press SELECT to change to the selected folder or play the selected file.
• Press BACK to change to the previous folder or to exit the search menu (from the "ROOT" folder).

File and Folder names
The Folder icon will illuminate when a folder name is currently being displayed.

The File icon will illuminate when a file name is currently being displayed.

Note: Files not located in a folder will appear in the "ROOT" folder.

Controls for File/Folder search:
• Volume knob: Turn to cycle through the list of folders/files in the current folder.

• SELECT: View the contents of the highlighted folder; or to play the highlighted file.

• BACK: Return to the previous folder; or to exit out of the menu while the root folder is being viewed.
## USB / SD Card Operation

### Displayed Information
Press **DISP** momentarily to select between song title/artist (default), file/folder name, track number/clock & elapsed time.

<table>
<thead>
<tr>
<th>(LINE 1)</th>
<th>ARTIST</th>
<th>SONG TITLE</th>
<th>FILE NAME</th>
<th>ELAPSED TIME</th>
<th>CLOCK</th>
<th>TRACK NUMBER</th>
<th>TOTAL TRACKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(LINE 2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### File/Folder Compatibility and Support

<table>
<thead>
<tr>
<th></th>
<th><strong>Compatible File Types</strong></th>
<th><strong>Incompatible File Types</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sampling Frequency Rate Compatibility</strong></td>
<td>• MP3: 8kHz - 48kHz&lt;br&gt;• WMA: 32kHz - 48kHz&lt;br&gt;• AAC: 8kHz - 48kHz</td>
<td>• DRM protected files&lt;br&gt;• WMA lossless&lt;br&gt;• Apple lossless&lt;br&gt;• WMA Pro&lt;br&gt;• MP3 Pro&lt;br&gt;• MP3 playlists</td>
</tr>
<tr>
<td><strong>Transfer Bit Rate Compatibility</strong></td>
<td>• MP3: 32kbps - 320kbps&lt;br&gt;• WMA: 32kbps - 192kbps&lt;br&gt;• AAC: 48kbps - 288kbps</td>
<td></td>
</tr>
<tr>
<td><strong>Character Support</strong></td>
<td>• Song Title: 30 characters&lt;br&gt;• Artist Name: 30 characters&lt;br&gt;• Album Name: 30 characters&lt;br&gt;• File Name: 32 characters&lt;br&gt;• Folder Name: 32 characters</td>
<td></td>
</tr>
<tr>
<td><strong>ID3 Tag Support</strong></td>
<td>• MP3 Tags: Version 1.0 - 2.4&lt;br&gt;• WMA Tags</td>
<td></td>
</tr>
<tr>
<td><strong>File/Folder Limit</strong></td>
<td>• Maximum number of files: 65535&lt;br&gt;• Maximum number of folders: 65535 (plus the root folder)&lt;br&gt;• Maximum number of files in each folder: 65535&lt;br&gt;• Maximum folder levels: 7</td>
<td><strong>Note:</strong> For devices with more than the maximum number of files/folders, some files will be ignored and may not function properly.</td>
</tr>
<tr>
<td><strong>USB/SD File System</strong></td>
<td>• FAT/FAT32 file system supported.</td>
<td>• HFS/NTFS/EXT2/EXT3 not supported.</td>
</tr>
<tr>
<td><strong>SD Card Capacity</strong></td>
<td>16GB or less supported.</td>
<td></td>
</tr>
</tbody>
</table>
**XDMA7600**

**Bluetooth® Operation**

**Pairing a Device**

**Preparation**
Before you can use a Bluetooth device, it must be paired and connected. Make sure that Bluetooth is activated on your device before you begin the pairing process.

**Pairing a New Device**
The XDMA7600 broadcasts the pairing signal constantly when no devices are currently connected. Complete the pairing sequence from your Bluetooth device. Refer to the owner’s manual for your device for more details.

**The device name is "XDMA7600"**  
The Bluetooth passcode "1234"

**Note:** The XDMA7600 can be in any mode of operation when pairing is performed.

**Pairing Additional Devices**
If a device is currently connected, press and hold  to disconnect the current device before a new device can be paired. Then begin the pairing sequence from the new Bluetooth device.

**Connecting a Paired Device**
Most Bluetooth devices support the auto-connect feature, and will connect automatically if the device is in range when the XDMA7600 is powered-on. If your device was previously paired but does not connect, use these instructions below.

- If your most recently connected Bluetooth device becomes disconnected or does not reconnect, press  from Bluetooth mode to reconnect your mobile device.

- To connect a previously paired device that was not recently connected:
  1) If applicable, press and hold  to disconnect any connected mobile devices.
  2) From Bluetooth mode, press SELECT. "Paired Devices" will appear on the LCD.
  3) Turn the volume knob to cycle through the list of devices.
  4) Press SELECT or  to connect to the desired device. It must be in range to connect.

**Note:** If the Auto Connect setup menu setting is set to OFF, you must press  to connect you device after pairing, and each time the XDMA7600 is powered-on.

**Disconnecting a Device**
Press and hold  for 3 seconds to disconnect a connected device. The device will remain paired and appear in the PAIRED DEVICES menu, but not be connected.
Bluetooth® Operation

Making a Phone Call

Manual Dialing
- Press \( \text{volume knob} \) once. "Enter Number" will be shown, then an " " will appear on the display.
- Using the remote control, enter the phone number using the 0-9 buttons. Press \( \text{volume knob} \) on the remote control or XDMA7600 front panel to begin dialing.

Recent Calls List
- Press \( \text{volume knob} \) twice from Bluetooth mode to view the 10 most recent phone calls that were dialed, received or missed while connected to the XDMA7600.
- Turn the volume knob to cycle through the recent phone numbers. Press SELECT or \( \text{volume knob} \) to dial the phone number.

Redialing the last number
To redial the last phone number, press \( \text{volume knob} \) three times from Bluetooth mode. Dialing will begin automatically.

Phonebook Menu *
The XDMA7600 supports the PBAP Bluetooth profile to temporarily download the phonebook of the cell phone.

Note: The contents of the phonebook are deleted each time a cell phone is disconnected, and not permanently saved.

- Press SELECT from Bluetooth mode, with a compatible cell phone connected. "Phonebook Contacts" will appear on the LCD, followed by names from your downloaded phonebook.

- Turn the volume knob left/right to cycle through the names in the phonebook. Only names with valid phone numbers are displayed in the list. Press \( \text{volume knob} \) to quickly skip through the contact list.

- Press SELECT when the desired name is displayed. A list of CELL, HOME, WORK, and OTHER phone number types will be shown.

- Turn the volume knob or press \( \text{volume knob} \) to cycle between the phone number types.

- Press SELECT or \( \text{volume knob} \) when a phone number is displayed to begin dialing the number.

*The Bluetooth phone must support the PBAP Bluetooth profile to enable the phonebook feature. Check the owner's manual of your phone for details.
Receiving and Ending Phone Calls

**Receiving a Phone Call**

Incoming phone calls will automatically appear on the display and a ring tone will be heard.

**Note:** The volume of the ring tone depends on the volume level of the XDMA7600. The incoming ring tone may not be heard if the volume is set to a low level or mute is activated.

- Press to receive the incoming phone call.
- Press to refuse the incoming phone call.

**Ending a Phone Call**

During an active phone call, press to end a phone call. If the phone call was received when listening to music in another mode, the XDMA7600 will resume the previous mode.

During a Phone Call

**Volume**

Turn the volume knob to adjust the volume level during a phone call. Bluetooth mode has a separate volume level from the main volume of other modes. The XDMA7600 will remember the volume level in Bluetooth mode and always return to the last volume level for each phone call.

**Microphone Mute**

Press MUTE during a phone call to turn the XDMA7600’s external microphone off. Press MUTE again to resume microphone operation.

**Audio Transfer**

Press DISPLAY during a phone call to transfer the call from the XDMA7600 to the cell phone. Press DISPLAY again to toggle the audio back to the XDMA7600.

**Call Waiting**

During a phone call, if there is a second incoming call, press to place the first call on hold and switch to the second phone call. Press again to switch back to the first call.

**Call Hold**

During a phone call, when there are no additional incoming calls, press to place the call on hold. Press again to resume the phone call.

**Note:** Audio transfer, call waiting and call hold must be supported by the mobile phone and service provider to function properly.
Bluetooth® Operation

Streaming Audio Operation

The XDMA7600 supports A2DP (advanced audio distribution profile) wireless streaming audio from your Bluetooth mobile device directly to your head unit. You can also control your music from the front panel of the head unit using AVRCP (audio video remote control profile).

**Notes:**
- To stream music to your head unit, your mobile device must support the A2DP and AVRCP Bluetooth profiles. Check the owner's manual of your mobile device for details.
- Streaming audio must be enabled from your mobile device. This option will vary depending on the device. Some devices allow streaming audio to be disabled.

After pairing, connecting and enabling streaming audio from a compatible mobile device, begin playing music using the music player on your mobile device. Once the music is playing, the following functions can be used to control the music:

- The ► button will skip to the next available audio track.
- The ◄ button will skip to the previous audio track.
- The ■/II button will toggle between play and pause during playback.
- The ◄ button will stop the audio playback.

**Note:** Some Bluetooth devices may not fully support these commands.

Bluetooth Reset

Resetting the Bluetooth module will remove the list of paired phones and delete the list of recent calls from memory.

To reset Bluetooth, perform the following steps:
1) Press **SOURCE** until the head unit is in Bluetooth mode.
2) Press and hold **MUTE** for 3 seconds to reset the Bluetooth settings back to the factory default.

**Compatibility Note:**

Due to the differences in Bluetooth technology, some mobile devices may be incompatible, function improperly or may not support all features when used with the XDMA7600.

Bluetooth Setup Menu Options

<table>
<thead>
<tr>
<th>Function</th>
<th>Options</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluetooth</td>
<td>BLTOOTH (ON/OFF)</td>
<td>Enables/disables Bluetooth functionality.</td>
</tr>
<tr>
<td>Auto Connect</td>
<td>AUTO CON (ON/OFF)</td>
<td>Set to ON to allow a Bluetooth device to connect automatically. Setting to OFF requires manually connecting the device.</td>
</tr>
<tr>
<td>Auto Answer</td>
<td>AUTO ANS (OFF/ON)</td>
<td>When set to ON, every incoming phone call will automatically be answered after 2 3 rings. When set to OFF, the ✈/ button must be pressed to answer incoming phone calls.</td>
</tr>
<tr>
<td>Speaker Output</td>
<td>BT SPRKS (FRONT/ALL)</td>
<td>Set to FRONT to direct the Bluetooth audio output to the front speakers only. Set to ALL to enable Bluetooth audio to output from all 4 speakers.</td>
</tr>
</tbody>
</table>
XDMA7600

Limited One Year Warranty

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

Dual Electronics Corp. warrants this product to the original purchaser to be free from defects in material and workmanship for a period of one year from the date of the original purchase.

Dual Electronics Corp. agrees, at our option, during the warranty period, to repair any defect in material or workmanship or to furnish an equal new, renewed or comparable product (whichever is deemed necessary) in exchange without charges, subject to verification of the defect or malfunction and proof of the date of purchase. Subsequent replacement products are warranted for the balance of the original warranty period.

What is covered? This warranty is extended to the original retail purchaser for products purchased from an authorized Dual dealer and used in the U.S.A.

What is covered? This warranty covers all defects in material and workmanship in this product. The following are not covered: software, installation/removal costs, damage resulting from accident, misuse, abuse, neglect, product modification, improper installation, incorrect line voltage, unauthorized repair or failure to follow instructions supplied with the product, or damage occurring during return shipment of the product. Specific license conditions and copyright notices for the software can be found via axxera.dualav.com.

What to do?
1. Before you call for service, check the troubleshooting guide in your owner’s manual. A slight adjustment of any custom controls may save you a service call.

2. If you require service during the warranty period, you must carefully pack the product (preferably in the original package) and ship it by prepaid transportation with a copy of the original receipt from the retailer to an authorized service center.

3. Please describe your problem in writing and include your name, a return UPS shipping address [P.O. Box not acceptable], and a daytime phone number with your shipment.

4. For more information and for the location of the nearest authorized service center please contact us by one of the following methods:

   - Call us toll free at 1 866 382 5476
   - E mail us at cs@dualav.com

Exclusion of Certain Damages: This warranty is exclusive and in lieu of any and all other warranties, expressed or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose and any obligation, liability, right, claim or remedy in contract or tort, whether or not arising from the company’s negligence, actual or imputed. No person or representative is authorized to assume for the company any other liability in connection with the sale of this product. In no event shall the company be liable for indirect, incidental or consequential damages.
## Troubleshooting - General

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit will not turn on</strong></td>
<td>Yellow wire not connected or incorrect voltage Red wire not connected or incorrect voltage</td>
<td>Check connections for proper voltage (11.16VDC)</td>
</tr>
<tr>
<td></td>
<td>Black wire not connected</td>
<td>Check connection to ground</td>
</tr>
<tr>
<td></td>
<td>Fuse blown</td>
<td>Replace fuse</td>
</tr>
<tr>
<td><strong>Unit has power (but no sound)</strong></td>
<td>Speaker wires not connected</td>
<td>Check connections at speakers</td>
</tr>
<tr>
<td></td>
<td>One or more speaker wires touching each other or touching chassis ground</td>
<td>Insulate all bare speaker wires from each other and chassis ground</td>
</tr>
<tr>
<td><strong>Unit blows fuses</strong></td>
<td>Yellow or red wire touching chassis ground</td>
<td>Check for pinched wire</td>
</tr>
<tr>
<td></td>
<td>Speaker wires touching chassis ground</td>
<td>Check for pinched wire</td>
</tr>
<tr>
<td></td>
<td>Incorrect fuse rating</td>
<td>Use fuse with correct rating</td>
</tr>
<tr>
<td><strong>Excessive Skipping</strong></td>
<td>Unit is not mounted correctly or backstrap is not secure</td>
<td>Check mounting sleeve and backstrap support</td>
</tr>
<tr>
<td></td>
<td>Physical defect in CD, CD-R/RW disc</td>
<td>Check media for scratches</td>
</tr>
<tr>
<td><strong>ERROR-01 appears on display</strong></td>
<td>Disc read error</td>
<td>Press <strong>EJECT</strong> or <strong>RESET</strong></td>
</tr>
<tr>
<td><strong>ERROR-02 appears on display</strong></td>
<td>Focus error or disc is in upside down</td>
<td>Press <strong>EJECT</strong> or <strong>RESET</strong></td>
</tr>
<tr>
<td><strong>CD will not eject</strong></td>
<td>CD mechanism error</td>
<td>Hold <strong>EJECT</strong> for 3 seconds to force eject the CD</td>
</tr>
<tr>
<td><strong>PROTECT appears on display</strong></td>
<td>The WMA file is copy-protected by DRM (Digital Rights Management)</td>
<td>Write disc using WMA files that are not copy-protected</td>
</tr>
<tr>
<td><strong>NO FILE appears on display</strong></td>
<td>Selected file is not available in direct or alphanumeric search modes</td>
<td>Repeat search using valid parameters</td>
</tr>
<tr>
<td><strong>INVALID appears on display</strong></td>
<td>The file format is incompatible</td>
<td>Write disc using valid audio files with .mp3, .wma or .m4a file extensions</td>
</tr>
<tr>
<td><strong>NO SUPPORT appears on display</strong></td>
<td>An invalid ID3 tag version is present</td>
<td>Version 1.0 to 2.4 ID3 tags are supported.</td>
</tr>
</tbody>
</table>
## XDMA7600 Specifications

| FM Tuner | Tuning range: 87.5MHz - 107.9MHz  
Usable sensitivity: 8.5dBf  
50dB quieting sensitivity: 10dBf  
Stereo separation @ 1kHz: 40dB  
Frequency response: 30Hz - 13kHz |
| AM Tuner | Tuning range: 530kHz - 1710kHz  
Usable sensitivity: 22uV  
Frequency response: 30Hz - 2.2kHz |
| General | Speaker output impedance: 4 to 8 ohms  
Line output voltage: 2 Volts RMS  
Dimensions: 7” x 7” x 2” (178 x 178 x 51 mm) |
| USB/SD Card | File system: FAT, FAT32  
File extensions support: .mp3, .wma, .m4a  
SD Card maximum device capacity: 16GB |
| Bluetooth® Profiles | HFP (hands-free profile)  
A2DP (advanced audio distribution profile)  
AVRCP (audio video remote control profile)  
PBAP (phone book access profile) |

Design and specifications subject to change without notice.

CEA 2006 Power Standard Specifications  
(reference: 14.4VDC +/- 0.2V, 20Hz - 20kHz)  
Power Output: 18 Watts RMS x 4 channels at 4 ohms and ≤ 1% THD+N  
Signal to Noise Ratio: 80dBA (reference: 1 watt into 4 ohms)
FCC Compliance

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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.