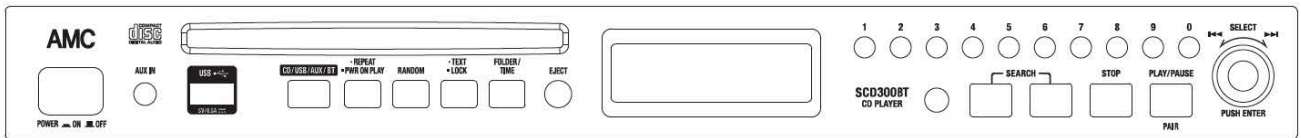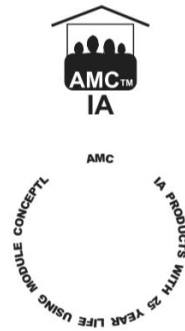# AMC SCD300 / SCD300BT

CD BT USB PLAYER

with AUX inputs & 5V/0.5A USB Power on Front

with AMC BT-B7 hooked up to AUX IN and 5V power from USB for SCD300 = ~ SCD300BT

audio files in CD cab be up to **300**

BT (Bluetooth) features in this manual are for SCD300BT only

INSTRCTIONS FOR INSTALLATION AND OPERATION

User Guide (English)

Introduction

Box Contents

SCD300 or
  SCD300BT

Power Cord

Remote Control

RCA Cable

User Manual

Bluetooth Antenna

Rack Ears

Support

For the latest information about this product visit **amchome.com**.

Safety Instructions

Before turning the power on:

Make sure all connections are secure and correct and that there are no problems with the connection cables.

Power is supplied to some of the circuitry even when the unit is powered off. When the unit will not be used for long periods of time, disconnect the power cable from the power outlet.

Proper ventilation:

About condensation:

If the unit is left in a room which is not properly ventilated or is full of smoke from cigarettes, dust, etc. for long periods of time, the surface of the optical pickup may get dirty, causing incorrect operation. Please clean the optical pickup more often.

If there is a major difference in temperature between the inside of the unit and the surroundings, condensation may form inside the unit, causing the unit not to operate properly. If this happens, let the unit sit for an hour or two while powered off, and wait until there is little difference in temperature before using the unit.

Cautions on using mobile phones:

Moving the unit:

Using a mobile phone near this unit may cause noise. If this occurs, move the mobile phone away from this unit when it is in use.

Before moving the unit, turn off its power and disconnect the power cable from the power outlet. Next, disconnect its connection cables from other devices before moving it.

About care:

Wipe the cabinet and control panel clean with a soft cloth.

Follow the instructions when using a chemical cleaner.

Do not use benzene, paint thinner, insecticide, or other organic solvents to clean the unit. These materials can cause material changes and discoloration.

Rackmount warnings:
(required rack specifications for mounting the unit in a rack)

EIA standard 19-inch (48.3cm) rack ;

1U-size installation compatible rack

Rack that has a guide rail or shelf board that can support this device

Display

1. **Media Type:** This is the currently selected media: **CD**, **USB**, **Aux** or **BT**. See *Operation* > *Selecting Media Playback Mode* for more information.

2. **Playback Operation Icon:** This shows various symbols to indicate the current playback status:

	Playing		Rewinding
	Paused		Fast-Forwarding
	Stopped		
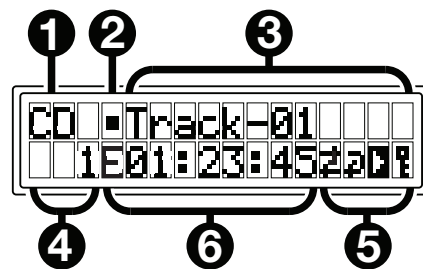
3. **Information:** This shows extra information about the media or track will be selected.

4. **Track/File Number:** This is the number of the track or file.

5. **Function Icons:** This shows various symbols to indicate these current functions:

   Random Playback (see *Operation > Playing Audio CDs* or more information)

   Repeat One (see *Operation > Playing Audio CDs* for more information)

   Repeat All (see *Operation > Playing Audio CDs* for more information)

   Repeat FLD (folder) (see *Operation > Playing Audio CDs* for more information)

   All View

   Folder View

   Power-On Play (see *Operation > Additional Functions > Power-On Play* for more information)

   Panel Lock (see *Operation* > *Additional Functions* > *Panel Lock* for more information)

6. **Time:** In CD and USB Mode, this is how much time has elapsed or is remaining, shown as **hh:mm:ss** (hours, minutes, and seconds), shown on the display as seen below:

E: Time Elapsed
R: Time Remaining
T: Total Time Remaining (for CD Mode only)

See *Operation* > *Playing Audio CDs* for more information.

Rear Panel

1. **Outputs** (**unbalanced RCA**): These outputs send the audio signals from a CD, BT, USB device (mass storage class), and device connected to the Aux In. Use RCA cables to connect these outputs to external speakers, sound system, etc. See *Setup* for more information.

2. **Outputs** (**balanced XLR**): These outputs send the audio signals from a CD, BT, USB device (mass storage class), and device connected to the Aux In. Use XLR cables to connect these outputs to external speakers, sound system, etc. See *Setup* for more information.

3. **AC In:** Use the included power cable to connect this input to a power outlet. See *Setup* for more information.

4. **Bluetooth antenna port:** Plug the included antenna here.

Features

Front Panel
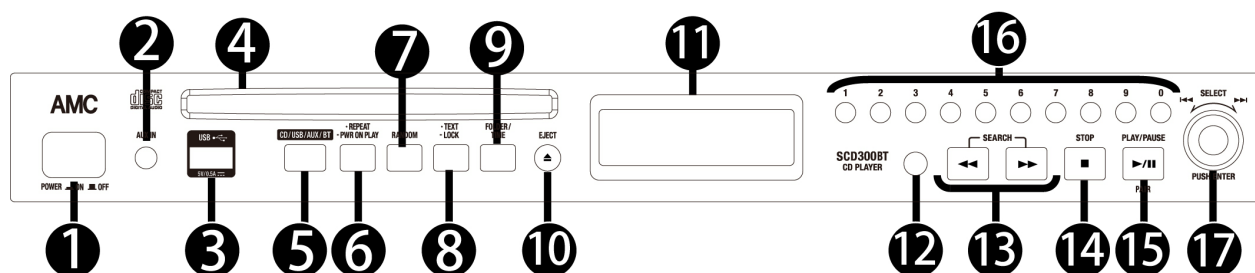
1. **Power Button:** Press this button to turn the unit on or off. Make sure the **AC In** is properly connected to a power outlet. Do not turn the unit off during media playback—doing so could damage your media.

2. **Aux In:** Connect an optional device to this input using a 1/8" (3.5mm) TRS cable. See *Operation* > *Playing Audio from an External Device* for more information.

3. **USB Port:** Connect a mass-storage-class USB device to this port.

4. **CD Slot:** Insert a CD into this slot. See *Operation* > *Playing Audio CDs* for more information.

5. **CD/USB/Aux/BT Button:** Press this to enter Media Selection screen. See *Operation* > *Selecting Media Playback Mode* for more information.

6. **Repeat Button:** In CD or USB Mode, press this button to switch between Repeat Playback modes: **Repeat One**, **Repeat All**, **Repeat FLD** (folder), and **Repeat Off**. See *Operation* > *Playing Audio CDs* for more information.

   Power-On Play Button: Press and hold this button to turn Power-On Play on or off. See *Operation* > *Additional Functions* > *Power-On Play* for more information.

7. **Random Button:** In CD or USB Mode, press this button to cycle through Random Play Mode, Single Play Mode **S,** and Normal Play Mode.

8. **Text Button:** In CD or USB Mode, press this button to switch the display between the file name and other text information.

   Lock Button: Press and hold this button to turn Panel Lock on and off. See *Operation* > *Additional Functions* > *Panel Lock* for more information.

9. **Time Button:** In CD or USB Mode, press this button to switch the Time Mode in the **display**. See *Operation* > *Playing Audio CDs* for more information.

10. **Eject Button:** Press this to eject the CD in the CD slot. To force-eject a CD, power off the unit, then press and hold the eject button while powering the unit back on. To exit force-eject mode, turn the unit off.

11. **Display:** This screen indicates the unit's current operation. See *Display* for more information.

12. **Remote Sensor:** Point the remote control at this sensor when operating it. See *Remote Control* > *Operating Range* for more information.

    Note: If the **remote sensor** is exposed to direct sunlight, strong artificial light (like from an interverter-type fluorescent lamp), or infrared light, the unit or remote control may not function properly.

13. **Search Buttons:** In CD or USB Mode, press and hold one of these buttons to rewind/fast-forward. The track will rewind/fast-forward at **5** times the normal playback speed.

14. **Stop Button:** Press this button to stop playback. To view current firmware version, hold the stop button while powering on the unit.

15. **Play/Pause Button:** Press this button to start, resume, or pause playback.
    Pair button: As soon as the unit switch to BT mode, it will attempt to establish a bluetooth connection,and the indicator light lights up blue permanently, if you would like to pair another device, hold and press this button to disconnect, also it will automatically attempt to re-establish the connection to the bluetooth device which you last paired.

16. **Number Buttons** (**0–9**)**:** In CD Mode, Press one of these buttons to directly select a track to play. If the track number is two digits, press the buttons in succession (e.g., **1** then **2** for Track 12). See *Operation* > *Playing Audio CDs* for more information.

17. **Jog Dial:** Turn this dial to browse the options shown in the display. Press this dial to confirm a selection. In CD and USB mode this is used to browse and select tracks.

Setup

Important: Connect all cables securely and properly (with stereo cables: left with left, right with right), and do not bundle them with the power cable.

1. Use XLR cables or a stereo RCA cable to connect the **Outputs** (**balanced** or **unbalanced**) to the analog inputs of your external receiver, amp, powered monitors, etc.
2. After completing all the connections, use the included power cable to connect the **AC In** to a power outlet.

Example:

Receiver, amp, etc.   Powered Monitors   Power
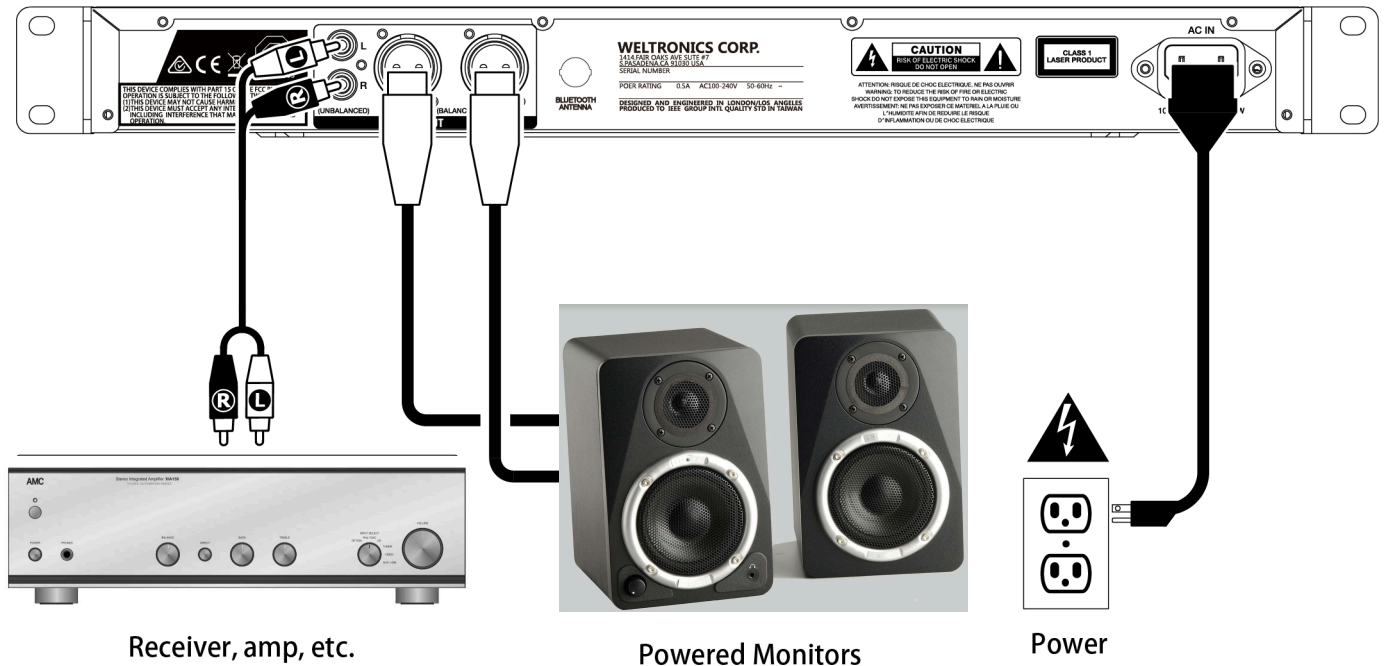
Operation

Selecting the Media Playback Mode

To select what kind of media you want to play:

To cycle through the available options, press the **CD/USB/Aux/BT** button.

- **CD:** audio CD, CD-DA, CD-ROM, or MP3 CD with audio files (**CDR**) (see *Playing Audio CDs*)
- **USB:** USB device (mass storage class). (see *Playing Audio Files on a USB Drive*)
- **Aux:** device connected to **Aux In**. (see *Playing Audio from an External Device*)
- **BT** : device connected to Bluetooth through Bluetooth Antenna.

Playing Audio CDs

To play audio CDs:

1. If the unit is off, press the **Power** button to power it on.

   Important: Do not insert a CD when the power is off. Doing so may damage the unit.

2. Insert a CD into the **CD slot**. (Hold the edges of the CD without touching the recorded surface. Be careful not to trap your fingers when the disc is drawn into the unit.)

3. Select **CD** as the media type (described in *Selecting the Media Playback Mode*).
   The CD will start playing automatically when Power-On Play mode is active.

   In CD Mode, you can perform any of the following operations:

- **To start, resume, or pause playback,** press the **Play/Pause** button.

- **To stop playback,** press the **Stop** button.

- **To rewind or fast-forward through the track,** press and hold one of the **Search** buttons. The track will rewind/fast-forward at **5** times the normal playback speed. To resume playback, release the button.

- **To skip directly to a track:**

  1. If in Pause or Play mode, press one of the **Number** buttons (**0–9**) to enter the desired track number. If the track number is two digits, press the buttons in succession (e.g., **1** then **2** for Track 12). Alternatively, turn the **Jog Dial** to select a track and press the **Jog Dial** to load the track.

     Note: If the unit is in Stop mode, the **Number** buttons and **Jog Dial** will not select tracks.

  2. If a track was paused, press the **Play/Pause** button after loading the track to have it begin playback. If a track was playing before selecting a track, the new track will play once selected.

- **To select a Repeat Playback mode,** press the **Repeat** button. It will cycle through **Repeat One** (the same track will repeat indefinitely), **Repeat All** (the list of all tracks will repeat indefinitely), **Repeat FLD** (tracks in the selected folder will repeat indefinitely), and **Repeat Off** (no tracks will repeat).

- **To select the Play Mode,** press the **Random** button. It will cycle through **Random** (the tracks will play in a random order [for up to **256** tracks]), **Single** (the current track will play until its end and then stop), and **Normal** (the CD will play from the current track to the end of the CD and then stop).

- **To change the Time Mode in the display,** press the **Time** button. It will cycle through **Elapsed** (**E**) (how much time has elapsed of the current track), **Remaining** (**R**) (how much time remains of the current track), and **Total Remaining** (**T**) (how much time remains of all remaining tracks. This applies only to CDs.)

- **To eject a CD,** press the **Eject** button when the unit is stopped or paused. **Ejecting** will appear in the **display** while ejecting the CD. **No Disc** will appear when there is no disc in the **CD slot**.

Important: Please see *Other Information* > *CDs* to learn more about the types of CDs the SCD300 supports and for more information about CD handling and care. When powering on the unit, hold the Eject button to engage Force Eject Mode.

Playing MP3 Files on a CD

To play MP3 files on a CD:

1. If the unit is off, press the **Power** button to power it on.

   Important: Do not insert a CD when the power is off. Doing so may damage the unit.

2. Do one of the following:
   - Insert a CD into the **CD slot**. (Hold the edges of the CD without touching the recorded surface. Be careful not to trap your fingers when the disc is drawn into the unit.)

3. Select **CD** as your desired media type: (described in *Selecting the Media Playback Mode*).

4. Select an audio file:
   - **To move through audio files,** turn the **Jog Dial** on the unit.
   - **To enter a folder,** press and hold the **Folder/Time** button for 3 seconds and turn the **Jog Dial** to select a folder. Press the **Jog Dial** to enter the folder and scroll with the dial to find a track. Press the dial again to select a track and press the **Play/Pause** button to play the track.

     Note: If a track is not selected after a few seconds of entering a folder, the unit will exit the folder and return back to the previously selected track/folder.
   - **To exit a folder,** press the **0** (**Back**) button on the unit, and select a new folder to enter.

In CD Mode, you can perform any of the following operations:

- **To start, resume, or pause playback,** press the **Play**/**Pause** button.
- **To stop playback,** press the **Stop** button.
- **To rewind or fast-forward through the track,** press and hold one of the **Search** buttons. The track will rewind/fast-forward at **5** times the normal playback speed. To resume playback, release the button.
- **To select a Repeat Playback mode,** press the **Repeat** button. It will cycle through **Repeat One** (the same track will repeat indefinitely), **Repeat All** (the list of all tracks will repeat indefinitely), **Repeat FLD** (tracks in the selected folder will repeat indefinitely), and **Repeat Off** (no tracks will repeat).
- **To select the Play Mode,** press the **Random** button. It will cycle through **Random ⚡** (the tracks will play in a random order [for up to **256** tracks]), **Single** (**S**) (the current track will play until its end and then stop), and **Normal** (the CD will play from the current track to the end of the CD and then stop).
- **To change the Time Mode in the display,** press the **Time** button. It will cycle through **Elapsed** (**E**) (how much time has elapsed of the current track) **Remaining** (**R**) (how much time remains of the current track), and Total Remaining (how much time remains for the total audio CD).
- **To eject a CD,** press the **Eject** button. **Ejecting** will appear in the **display** while ejecting the CD. **No Disc** will appear when there is no disc in the **CD slot**.

Playing Audio Files on a USB Flash Drive

To play audio files on a USB flash drive:

1. If the unit is off, press the **Power** button to power it on.

2. Connect your USB device (mass storage class) to the **USB Port**.

3. Select USB as your desired media type (described in *Selecting the Media Playback Mode*).

4. Select an audio file:

   - **To move through audio files,** turn the **Jog Dial** on the unit.

   - **To enter a folder,** press and hold the **Folder/Time** button for 3 seconds and turn the **Jog Dial** to select a folder. Press the **Jog Dial** to enter the folder and scroll with the dial to find a track. Press the dial again to select a track and press the **Play/Pause** button to play the track.

     Note: If a track is not selected after a few seconds of entering a folder, the unit will exit the folder and return back to the previously selected track/folder.

   - **To exit a folder,** press the **0** (**Back**) button on the unit, and select a new folder to enter.

In USB Mode, you can perform any of the following operations:

- **To start, resume, or pause playback,** press the **Play/Pause** button.
- **To stop playback,** press the **Stop** button.
- **To rewind or fast-forward through the track,** press and hold one of the **Search** buttons. The track will rewind/fast-forward at **5** times the normal playback speed. To resume playback, release the button.
- **To change the view mode,** press the **Folder/Time** button.
- **To select another folder or audio file,** follow the steps described in *Step 4* above.
- **To show different track information in the display,** press the **Text** button. It will cycle through the file name and other text information.
- **To select a Repeat Playback mode,** press the **Repeat** button. It will cycle through **Repeat One** (the same track will repeat indefinitely), **Repeat All** (the list of all tracks will repeat indefinitely), **Repeat FLD** (tracks in the selected folder will repeat indefinitely), and **Repeat Off** (no tracks will repeat).
- **To change the Time Mode in the display,** press the **Time** button. It will cycle through **Elapsed** (**E**) (how much time has elapsed of the current track) and **Remaining** (**R**) (how much time remains of the current track).
- **To remove a USB device,** gently remove it from the **USB Port** when it is **not playing**. (Removing a USB device while it is playing can damage it.)

Playing Audio from an External Device

To play audio on an external device (e.g., Amazon Echo Dot, Google Home, Siri, Bluetooth Receiver, smartphone, computer, portable music player, etc.) connected to the Aux In:

1. If the unit is off, press the **Power** button to power it on.

2. Connect the 1/8" (3.5 mm) stereo/headphone output of your external device to the **Aux In**.

3. Select **Aux** as the media type (described in *Selecting the Media Playback Mode*). If your external device is connected, **AUX Connected** will appear in the **display**. If your external device is not connected, **AUX Disconnect** will appear in the **display**.

4. To start playback, press the **Play** button on your external device.

Important: All buttons except for **Power**, **CD/USB/Aux/BT**, and **Eject** will be locked/disabled when you are in **AUX Mode.**

Additional Functions

Panel Lock

Use the Panel Lock feature to prevent accidental changes to the unit. When Panel Lock is activated, all buttons except for the **Power** button and **Text/Lock** button are locked/disabled on the unit.

To activate or deactivate Panel Lock, press and hold the **Text/Lock** button.

- When activated, **P-Lock ON** and will appear in the **display**.
- When deactivated, **P-Lock OFF** will appear in the **display**, and will disappear.

Power-On Play

Use the Power-On Play feature to set the unit to automatically start playback of the CD in the drive.

To activate or deactivate Power-On Play, press and hold the **Pwr On Play** button.

- When activated, **P-OnPlay On** will appear on the **display**.
- When deactivated, **P-OnPlay Off** will disappear on the **display**.

Other Information

CDs

When playing audio CDs, note the following:

- SCD300 / SCD300BT can play **Music CDs** and **CD-R discs**. Both are usually marked with the **Compact Disc Digital Audio** logo (see image).

- Do not play discs in non-circular shapes (heart-shaped discs, octagonal discs, etc.; see image) or discs that have been repaired with adhesive or tape. These can damage the unit.

- SCD300 / SCD300BT can play finalized discs only. (Finalization is the process that makes recorded CD-R discs playable on compatible players.)

- Depending on the software used to burn a CD (or other conditions), some CDs may not play correctly.
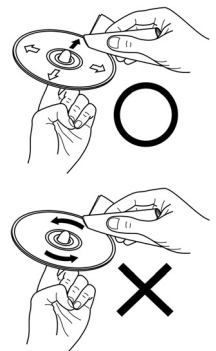
When playing CDs with audio files, note the following:

- The writing software format must be **ISO9660 Level 1**.

- You can have up to **300** folders and up to **8** folder levels, including the root directory.

- You can have up to **300** audio files. If the CD contains more than **300** files, some audio files may not play or appear correctly.

- File names, folder names, and text characters can use up to **255** characters. Only uppercase letters, lowercase letters, numbers, and symbols can be displayed. Japanese file names will not be shown. File names that begin with a "**.**" will not be shown.

- Copyright-protected files might not play properly and/or may appear as **Unknown File**.

- Depending on the software used to burn a CD (or other conditions), some files may not play or appear correctly.

- When playing audio files on a CD, SCD300/SCD300BT supports the following tag data:

  - **ID3 tags:** Version 1.x and 2.x
  - **META-tags:** compatible with title, artist, and album names
  - **Sample rate:** 44.1 kHz
  - **Bit rate:** 32 kbps to 320 kbps
  - **Format:** MPEG1 Audio Layer 3
  - **File extension:** .mp3

Be careful not to scratch discs when removing them from their cases. Do not bend or heat discs, and do not enlarge the hole in the center of the disc. Do not write on the labeled surface of the disc or attach new labels to discs.

If fingerprints, dirt, or condensation are on a disc, clean it with a commercially available disc cleaning set or a soft, dry cloth. Gently wipe it from the inside towards the outside, not in a circular motion. Do not use record spray, antistatic agents, benzene, thinner, or other solvents.

After using discs, remove them from the unit and store them in their cases to protect them from dust, scratches, warping, etc. Do not store discs in places exposed to long periods of direct sunlight or places exposed to heat, dust, humidity, etc.

USB Devices

When playing audio files on a USB device, note the following:

- SCD300/SCD300BT does not charge any connected USB device and does not support USB hubs or USB extension cables.

- SCD300/SCD300BT supports USB devices that are mass storage class or compatible with MTP.

- SCD300/SCD300BT supports **FAT16** or **FAT32** file systems only.

- You can have up to **999** folders and up to **8** folder levels, including the root directory.

- You can have up to **999** audio files. If the USB device contains more than **999** files, some audio files may not play or appear correctly.

- File names, folder names, and text characters can use up to **255** characters. Only uppercase letters, lowercase letters, numbers, and symbols can be displayed. Japanese file names will not be shown. File names that begin with a "**.**" will not be shown.

- Copyright-protected files might not play properly and/or may appear as **Unknown File**.

When playing audio files on a USB device, SCD300 supports the following tag data:

- **ID3 tags:** Version 1.x and 2.x
- **for MP3 files:**
    - **Sample rate:** 44.1 kHz
    - **Bit rate:** 32 kbps to 320 kbps
    - **Format:** MPEG1 Audio Layer 3
    - **File extension:** .mp3

Audio File Playback Order

When playing audio files stored within multiple folders, the playback order of each folder is automatically set when the unit reads the media. The files in each folder will play in the same order in which they were added to the media. (This order may appear differently on your computer and/or in your software than it does on the unit.)

The folder structure also determines the playback order:

- **For audio files on a CD-R,** files in *all* folders on the *first* level will play, then files in *all* folders on the *second* level, then on the *third* level, and so on.

- **For audio files on a USB device,** files in the *first* folder on the *first* level will play, then files on the *second* level in that same folder, then files on the *third* level in that same folder, and so on. After playing all files on all levels of that first folder, the same process will continue for files in the *second* folder on the *first* level.

Troubleshooting

If you encounter a problem, do the following:

- Make sure all cables, devices, antennae, and/or media are properly and securely connected.
- Make sure you are using the unit as described in this *User Guide*.
- Make sure your other devices or media are working properly.
- If you believe the unit is not working properly, check the following table for your problem and solution.

Problem	Solution	Please see:
Power does not turn on.	Make sure the unit is connected to a power outlet.	*Setup*
CD cannot be inserted into **CD slot**.	Make sure the unit is connected to a power outlet and that it is powered on. Press the **Eject** button to make sure a CD is not already in the **CD slot**.	*Setup*
No Disc appears even when a CD is inserted.	Press the **Eject** button to eject the CD and insert it again.	
A specific section of the CD does not play properly.		
Playback does not start even after pressing the **Play** button.	Clean the CD with a dry cloth or commercial CD cleaner. Insert a different CD.	*Other Information* > *CDs*
The unit does not produce any sound, or the sound is distorted.	Make sure all cable, device, or media connections are secure and correct. Make sure none of the cables are damaged. Make sure the settings on your amplifier, mixer, etc. are correct.	*Setup*
The unit cannot play a CD-R.	Make sure the CD-R has been finalized properly. Make sure the CD-R is of good quality. Clean the CD with a dry cloth or commercial CD cleaner. Make sure the CD uses a folder structure that the unit supports: up to **300** folders (up to **8** folder levels, including the root) and up to **300** files. Make sure the CD-R contains MP3 files. The unit cannot play other files on CD-R.	*Other Information* > *CDs*
The CD will not eject.	Press and hold the **Eject** button while turning on the unit.	

Problem	Solution	Please see:
No Device appears even when a USB device is inserted.	Disconnect and reconnect the USB device to make sure it is securely inserted. Make sure the USB device is of a mass storage class or compatible with MTP. Make sure the USB device is formatted using a **FAT16** or **FAT32** file system. Do not use a USB hub or USB extention cable. If your USB device requires a power source, connect it to one. Not all USB devices are guaranteed to work; some may not be recognized.	*Other Information* > *USB Devices*
Files on a USB device do not appear.	Make sure the files are of a supported file format. Files that are not supported by this unit will not appear. Make sure the USB device uses a folder structure that the unit supports: up to **999** folders (up to **8** folder levels, including the root) and up to **999** files. If your USB device is partitioned, make sure the files are in the first partition. The unit will not show other partitions.	*Other Information* > *USB Devices*
Files on a USB device cannot play.	Make sure the files are of a supported file format. Files that are not supported by this unit will not appear. Make sure the files are not copyright-protected. The unit cannot play copyright-protected files.	*Other Information* > *USB Devices*
File names do not appear properly.	Make sure the files are using only supported characters. Characters that are not supported will be replaced with a "**.**"	*Other Information* > *USB Devices*