

iPod Adapter For The Rowe CD100 Jukebox

User's Guide

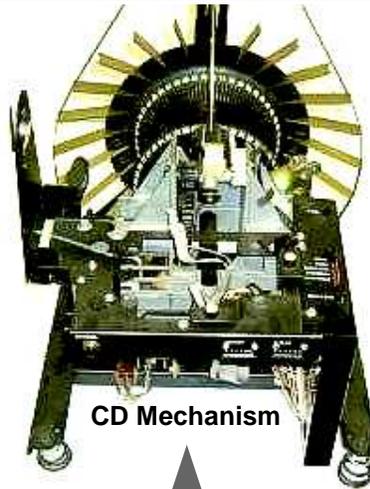
CD100iPod3

Replaces the entire 100 CD mechanism with an iPod

In a matter of minutes ...

IPOD IS NOT INCLUDED !

- ◆ Can have up to 9,900 selections (100 CD / 99 Tracks)
- ◆ Plays AAC, MP3, MP3 VBR, Lossless, WAV and AIFF
- ◆ Change the iPod equalizer setting for desired effect
- ◆ Faster song selections and quicker initialization
- ◆ 100 CD initialization takes less than 1 minute
- ◆ Will never skip and maintenance free
- ◆ Charges your iPod, even while playing
- ◆ Offers manual iPod control mode
- ◆ Supports 30-Pin dock type iPods, Touch & iPhones



Works with ROWE/Ami models CD51, CD100 & CD100A thru CD100H

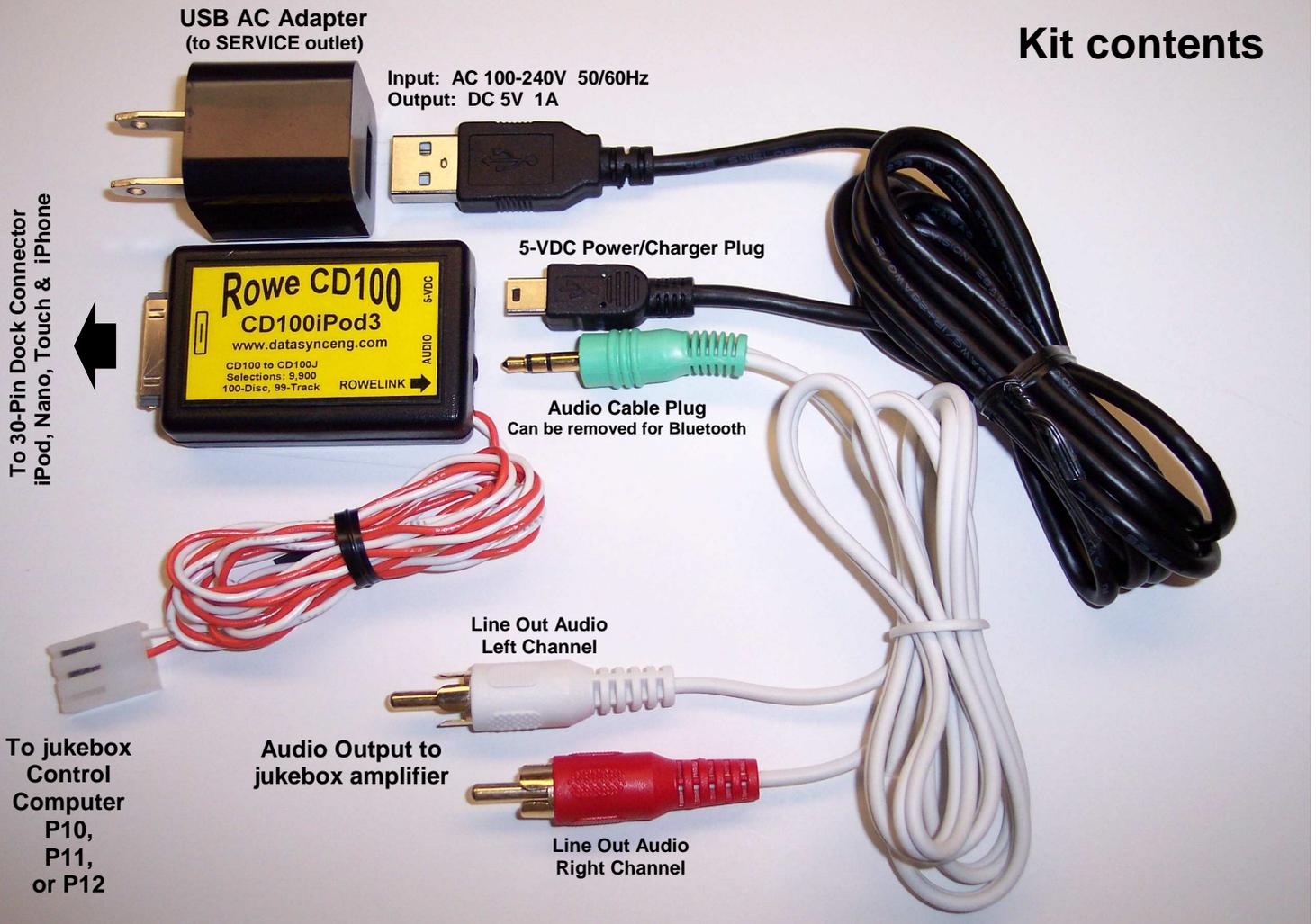
The Control Computer should have EPROM version 3.9 or higher

Visit www.cdadapter.com
Click on FAQ then to the CD100 section for details

Apple iPod Nano 3rd Generation



Kit contents



iPod Adapter Installation

Easy jukebox installation ! Only three connectors, two RCA audio connectors to your amplifier and the 3-pin communication connector to your jukebox Central Control Computer. Any jukebox that uses the 408322xx Central Control Computer can be adapted to an iPod player except for models CD100I and CD100J. You can use the iPod adapter with these two models if the amplifier AVC switch is turned off.

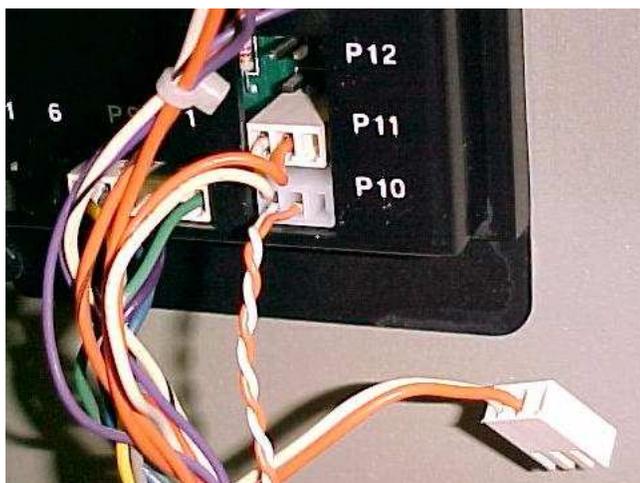
The iPod adapter connects directly to your jukebox CCC and mimics the mechanism control and CD decoder operations. This tricks the jukebox into thinking it is still hooked up to a CD player and allows the jukebox to select individual songs from the iPod, same as if it were playing CD's.



Connection to the iPod is through the 30-pin Docking Port.

The AC adapter provides USB power to the unit and keeps the iPod battery charged.

The orange & white wires with the 3-pin connector is for the jukebox Rowelink communication.

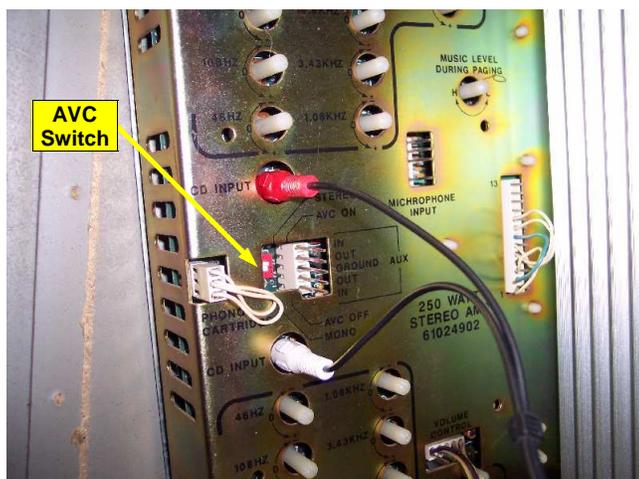


The communication connectors are at positions P10, P11 or P12 on the central control computer. Commonly, two of these positions are used, and sometimes, all three if additional accessories such as wallboxes and remotes are added.

Typically, one connector is for the CD mechanism and the other for the Bill Acceptor. Unplug the CD mechanism and plug in the iPod adapter.

NOTE: On later model jukeboxes, if the CANCEL button doesn't work or the volume level starts high then drops down after a jukebox selection, you may need to add or move a wire.

Visit website <http://www.cdadapter.com/faq.htm> for details.



Plug in the RCA audio cables to the right and left inputs of the jukebox amplifier (White connector is the left channel).

Your installation is now complete !

* If a song starts play at a high volume then drops down to normal volume, you can turn off the Automatic Volume Control (AVC dip switch between RCA input jacks).

Setting Up The iPod Playlists



Using iTunes, you would create a playlist for each selectable CD.

The first two letters of each playlist name must contain numeric digits to identify the disc number position. Any text following these two digits are ignored. The CD100 jukebox supports 100 CD selections (00 to 99) with each having up to 99 tracks.

Here, we used an 8GB iPod Nano. After ripping all 100 CD's, using the bit rate of 192 kbps, we used about 6.3GB. If you decide to have more tracks than a standard CD capacity, you will need a larger capacity iPod. Typically, a 100 CD jukebox, with 99 tracks each, can require up to 50GB of storage space.

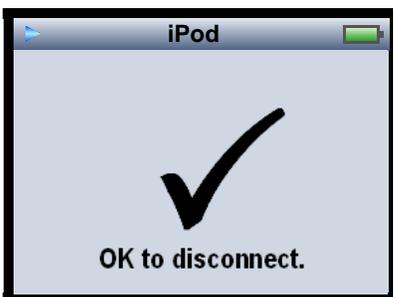


Notice, near the bottom of the playlists, a playlist named "T19". This playlist name is used as an initialization identifier. When the iPod Adapter is powered-up, it searches for the T## playlist name. The numeric digits are compared to the stored digits from a previous iPod initialization. If the digits are not the same, a new iPod Initialization is performed. Any time the iPod will be re-sync'd, the numeric digits of the playlist name T## should be changed (00 to 99). This forces the adapter to "learn" the new configuration of iPod playlists (CD's) and songs (tracks). In this case, you can rename it to "T20" or for date tracking, name it "T20 July 2012".

For iTunes to transfer this playlist name, it needs to contain at least one song



Song positions within the playlists are the same for track selections. The very first song at the top is track 01, the next song is track 02 and so on. You can have up to 99 songs in each playlist. The iPod is capable of playing most standard audio formats such as AAC, MP3, MP3 VBR, Lossless, WAV and AIFF.



When a selection is made on the jukebox, the iPod display may show a check mark and the message "OK to disconnect" while the song is playing. This means the jukebox has control of the iPod. When the end of the song is reached, or the jukebox cancel button is pressed, the song play is stopped and the iPod screen switches back to the menu display.

ERROR NOTICE: If, when powered up, the iPod display is continuously switching back and forth, the problem may be ...

- ◆ No playlists were found. Need to have at least one numerically identified playlist. Check iPod contents.
- ◆ The "Tnn" initialization playlist name was not found. Need T00 to T99 with at least one song. Check iPod contents.
- ◆ Communication error or failure. Defective cable, defective iPod Adapter or defective iPod.

Manual iPod Control Mode

iPod Mode lets you play songs using the iPod controls instead of the jukebox. To do this, you need to add the dollar sign (\$) as the first letter of a song name, then choose that song selection from the jukebox.

Here, we programmed the fifth song in playlist 00 as the switch to iPod mode. When selection 0005 is made on the jukebox, the iPod will start playing that song, switches to the menu screen and allows you to control your iPod manually.

The jukebox will remain in this mode indefinitely until either the jukebox Cancel button is pressed or the jukebox is powered off.



Rowe/Ami CD100 Jukebox Initialization

If this is a new installation or tracks have been added or deleted on the iPod, you need to initialize the jukebox so it can determine what CD numbers are available and how many tracks are in each playlist. This takes less than a minute.

Here are the steps to start the jukebox initialization ...

- 1) Unlock and open the door
- 2) Move the SERVICE switch to the SERVICE position
- 3) Make sure "SERVICE MODE" appears on the display
- 4) Type 3 to select the INITIALIZE sub menu then type 0. FULL INITIALIZE will appear on the display
- 5) Press POPULAR to start the initialization and close the door or move the SERVICE switch to the NORMAL position
- 6) During the initialization process (about 1 minute), the iPod screen will show an up and down scroll toggle

Useful Jukebox Service Codes

Free Play On/Off	SERVICE 55 hold RESET & press 9
Clear Errors	SERVICE 81 POPULAR
CD's Initialized	SERVICE 34 (shows # of CD's initialized)
View # of CD Tracks	SERVICE 32 (enter CD # to see tracks)

iPod nano 4th Generation



The CD100iPod3 adapter plugs directly into the 30-Pin dock connector

Compatible with the following iPod / iPhone models

- iPod 4th and 5th generation (video)
- iPod Photo, 1st and 2nd generation
- iPod Mini, 1st and 2nd generation
- iPod Classic, 1st and 2nd generation
- iPod Nano, 1, 2, 3, 4, 5 and 6th generations
- iPod Touch, 1st, 2nd, 3rd and 4th generations
- iPhone, 1st generation, 3G and 4

DISCLAIMER - PLEASE READ

The CD100iPod3 Adapter was developed for jukebox owners for non public performance use.
We do not supply jukebox licenses.



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