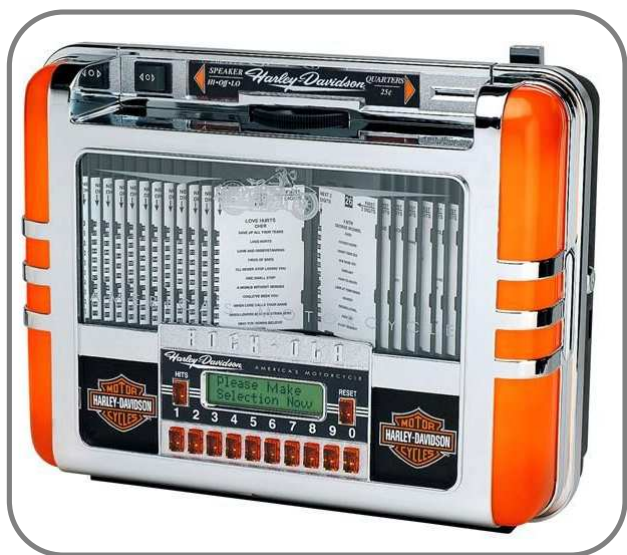
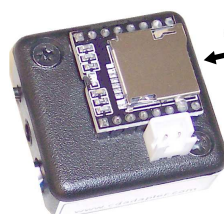


Rock-Ola CD Wallette Music Player

Model "ROCK-255"



Convert a Rock-Ola CD Wallette Into Coin or Free Play Operated Jukebox



- Micro-SD, up to 32GB capacity
- Supports MP3 or WAV formats
- 100 discs with each up to 99 tracks
- Worlds smallest player, 1.4" x 1.4" x 0.9"
- Fully self-contained, no jukebox is required
- Selectable Volume & Equalizer settings
- Amplifier output for Wallette Speakers
- Audio line-out jack for ext Amp or Bluetooth

Operating Features

- Easy to use, LCD set-up menus for System Options and Pricing
- Random AutoPlay On/Off with immediate or after 2-min delay
- Front Panel buttons for Volume, AutoPlay, Pause, EQ and Reject
- Easy Computer Chip change for Upgrades and Custom versions

Kit Contents

- DSA0 Player System
- 5-Volt USB Power Supply
- 32GB Micro-SD Memory Card
- Micro-SD Card Adapter
- Speaker wiring cable
- New V2.03 Computer Chip (U3)



Speaker Wiring Cable



Micro SD Adapter

This is a new High-Performance computer chip that contains an advanced program to make the wallette fully operational without the need of a jukebox.

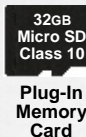


The 8-Pin Player Control connector is plugged into the Wallette board at J6, marked as "IMONEX COIN"

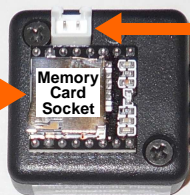
3.5mm Line-Out Audio Jack for External Amplifier or Bluetooth



USB 5V Power



32GB Micro SD Class 10 Plug-In Memory Card



3-Watt Audio output to Wallette Speakers (Speaker wiring cable provided)

DSA0 Player System

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The SD Memory Card Formatter can be Downloaded at
https://www.sdcard.org/downloads/formatter_4/

To format media above 32GB as FAT32, you can run "guiformat.exe" which is available at www.ridgecrop.co.uk/guiformat.htm



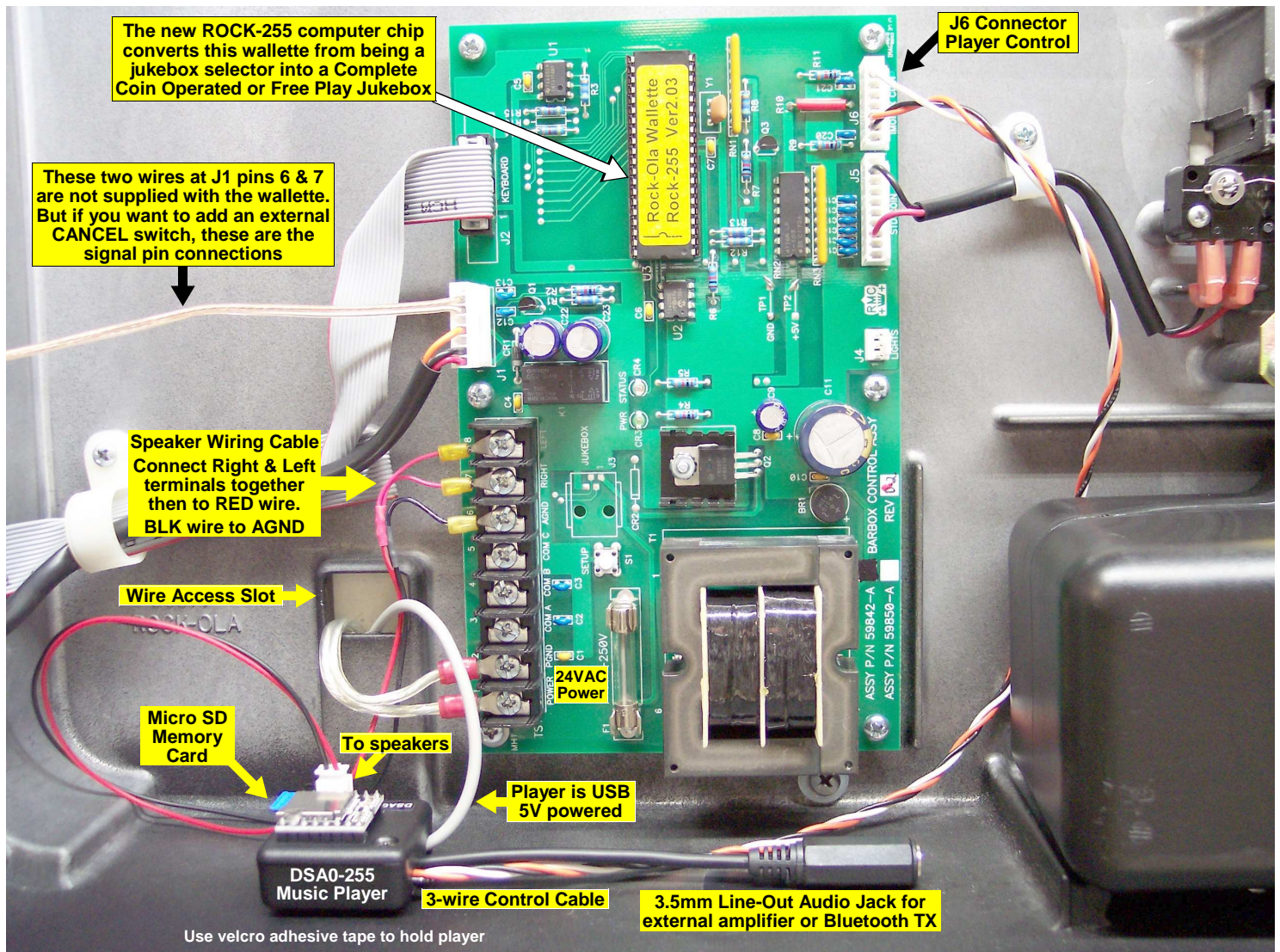
Data Sync Engineering
P.O. Box 539, Footbridge Lane, Bldg 2
Blairstown, New Jersey 07825

TEL: (908) 362-6299
Email: sales@datasynceng.com
Web: www.cdadapter.com

INSTALLING THE DSA0 "V1" PLAYER SYSTEM INTO THE ROCK-OLA WALLETTE

This kit works with any 24VAC powered Wallette. No circuit modifications are required.

Rock-255
© 04/15/2023



Connect the 2-wire speaker cable

The speaker output audio is produced from a stereo mixer circuit fed into a mono bridged audio power amplifier capable of delivering up to 3W of continuous average power to the speakers. The RED wire is looped to both the RIGHT and LEFT speaker connection and the Black wire is connected to speaker AGND. This provides consistent audio from both speakers while allowing the use of High-Off-Low volume levels.

Replace computer chip U3 with the new Rock-255 chip

Using a small screwdriver, lift the chip out of the IC socket by repeatedly inserting the screwdriver at the top and bottom, between the chip and socket, then gently giving a little twist until the chip is released. Insert the new chip, notch facing down and all pins aligned with the socket, then gently press in.

Insert the 3-wire Player Control cable

Plug it into the 8-pin connector at J6 (IMONEX COIN) located at the top right-hand side of the circuit board.

The Music Player is powered from an external USB DC 5V 1.0A Power Supply

Position the USB cable through the wire access slot then plug it into the USB power supply.

3.5mm Stereo Line-Out jack is available for an external amplifier or Bluetooth connection.

START-UP SCREEN EXAMPLES

PERFORM FACTORY RESET
Press Cancel & Setup, then power-up

Rock-255 Ver2.03
Factory Reset OK

RE-POWERED BACK UP
Waiting for Player

Rock-255 Ver2.03
cdadapter.com

PLAYER READY
CD's found & file check ID calculated

CD's= 100 055C
cdadapter.com

WALLETTE NOW READY TO PLAY

Play The Music
Insert Coins

SETUP MENU FOR CHANGING THE OPERATING MODE AND PRICING

The settings displayed are the Factory Defaults



STEP 00

Enters here from the "SETUP" button

[RESET] Next step
[HITS] System Reboot

Wallette Setup
<-Exit Next->

This is menu entry point after the SETUP button is pressed

Pressing RESET navigates thru the menu setup steps. Pressing HITS causes a Power-Up Restart. If the HITS button is pressed during any other menu position, it causes a return back to this menu position.

STEP 01

Press numeric [1] to toggle On/Off

[RESET] Next step
[HITS] Goto "00"

System Options
Free Play Off

Select "Free Play" or "Credit Play" operation

Free Play allows unlimited selections, including all of the tracks for album selections. Album Select must be turned on for albums.

If the System Reboots to Free Play, the saved credits will be erased.

STEP 02

Press numeric [1] to toggle On/Off

[RESET] Next step
[HITS] Goto "00"

System Options
Album Select Off

Allow "Album Track" selections

Sequential tracks are written to play memory based upon the number of credits available or up to the maximum track number.

A duplicate track is not saved to play memory if it already exists.

STEP 03

Press numeric [1] to toggle On/Off

[RESET] Next step
[HITS] Goto "00"

System Options
AP at Pwr Up Off

Automatically starts Autoplay after Power-Up

AutoPlay selects a random disc and track based upon the last saved Table-Of-Contents from "Disc Map"

STEP 04

Press numeric [1] to toggle On/Off

[RESET] Next step
[HITS] Goto "00"

System Options
2-Min AP Dly Off

Inserts a 2-minute delay between Autoplay selections

STEP 05

Press numeric [1] to toggle On/Off

[RESET] Next step
[HITS] Goto "00"

System Options
RES+key Cnds Off

Enable operating control from the front panel buttons

Press and hold the RESET key then press or tap a numeric key. The list of available functions are shown below.

STEP 06

Press numeric [1] to toggle On/Off

[RESET] Next step
[HITS] Goto "00"

System Options
Ext Selector Off

Enable communications for external devices

Not implemented in this Computer Chip version

RES+key Command List

In setup: "RES+key Cnds" must be On
Press & hold RESET button then ...

1	Press or Tap to reduce Volume Level
2	Press or Tap to increase Volume Level
4	Tap to toggle AutoPlay On/Off
5	Tap to toggle Pause On/Off
6	Tap to step EQ: Normal ⇄ Loudness ⇄ Bass ⇄
8	Tap to Reject the Current Song Playing

STEP 07

Press numeric [8] to begin disc map

[RESET] Next step
[HITS] Goto "00"

System Options
Disc Map-Press 8

Perform a Disc Map for the currently inserted Memory Card

If a different memory card is inserted or changes were made to the number of folders (CD's) or song files (Tracks), then a Disc Map must be performed so the player can learn the cards Table-Of-Contents.

Folder numbers must be sequential, with no skipped numbering.

During disc map, the folder # is displayed as "Mapping Disc #42"

A 100 folder memory card would typically take about 4-Min to map.

TOC data is transferred to the wallette at each power-up with the CD count and file checksum ID displayed, such as "CD's= 100 055C"

End of System Option Setups
Continues on to Pricing Setups

STEP 08
Enter 3 Digits
(001-100)
[RESET] Next step
[HITS] Goto "00"

> Edit Pricing <
Unit Price 005

Unit Price <MULTIPLIER>
Sets the coin switch multiplier value.
For the U.S. , this value is 5 (5¢ - nickel).

STEP 09
Enter 3 Digits
(001-999)
[RESET] Next step
[HITS] Goto "00"

Coin Input Rate
In 1 (J5-7) 001

Input 1 Rate <COIN SW 1>
Sets the coin switch #1 value at connector J5 pin 7.
Default: 1 x 5 = 5 Monetary Units or 5¢ (U.S. nickel) **5¢**

STEP 10
Enter 3 Digits
(001-999)
[RESET] Next step
[HITS] Goto "00"

Coin Input Rate
In 2 (J5-6) 002

Input 2 Rate <COIN SW 2>
Sets the coin switch #2 value at connector J5 pin 6.
Default: 2 x 5 = 10 Monetary Units or 10¢ (U.S. dime) **10¢**

STEP 11
Enter 3 Digits
(001-999)
[RESET] Next step
[HITS] Goto "00"

Coin Input Rate
In 3 (J5-5) 005

Input 3 Rate <COIN SW 3>
Sets the coin switch #3 value at connector J5 pin 5.
Default: 5 x 5 = 25 Monetary Units or 25¢ (U.S. quarter) **25¢**

STEP 12
Enter 3 Digits
(001-999)
[RESET] Next step
[HITS] Goto "00"

Coin Input Rate
In 4 (J5-4) 005

Input 4 Rate <COIN SW 4>
Sets the coin switch #4 value at connector J5 pin 4.
Default: 5 x 5 = 25 Monetary Units or 25¢ (U.S. quarter) **25¢**

STEP 13
Enter 3 Digits
(001-999)
[RESET] Next step
[HITS] Goto "00"

Coin Input Rate
In 5 (J5-3) 005

Input 5 Rate <COIN SW 5>
Sets the coin switch #5 value at connector J5 pin 3.
Default: 5 x 5 = 25 Monetary Units or 25¢ (U.S. quarter) **25¢**

STEP 14
Enter 3 Digits
(001-999)
[RESET] Next step
[HITS] Goto "00"

Coin Input Rate
In 6 (J5-2) 020

Input 6 Rate <COIN SW 6>
Sets the coin switch #6 value at connector J5 pin 2.
Default: 20 x 5 = 100 Monetary Units or \$1.00 (U.S. dollar) **\$1**

STEP 15
Enter 2 & 3 Digits
(00-99) & (000-999)
[RESET] Next step
[HITS] Goto "00"

Pricing Levels
Level 1 01:025

Credits / \$ <LVL 1 PLAYS at LVL 1 PRICE>
Sets the Number of Credits @ specified Monetary Units for Level 1
Default: 1 Credit when Monetary Value 25 is reached (25¢)

STEP 16
Enter 2 & 3 Digits
(00-99) & (000-999)
[RESET] Next step
[HITS] Goto "00"

Pricing Levels
Level 2 00:000

Credits / \$ <LVL 2 PLAYS at LVL 2 PRICE>
Sets the Number of Credits @ specified Monetary Units for Level 2
Default: 00:000 = ignored because Credit Ratio is (1-2-3-4)
Example: For Credit Ratio (1-3-5-7) set to 03:050

STEP 17
Enter 2 & 3 Digits
(00-99) & (000-999)
[RESET] Next step
[HITS] Goto "00"

Pricing Levels
Level 3 00:000

Credits / \$ <LVL 3 PLAYS at LVL 3 PRICE>
Sets the Number of Credits @ specified Monetary Units for Level 3
Default: 00:000 = ignored because Credit Ratio is (1-2-3-4)
Example: For Credit Ratio (1-3-5-7) set to 05:075

STEP 18
Enter 2 & 3 Digits
(00-99) & (000-999)
[RESET] Goto "00"
[HITS] Goto "00"

Pricing Levels
Level 4 00:000

Credits / \$ <LVL 4 PLAYS at LVL 4 PRICE>
Sets the Number of Credits @ specified Monetary Units for Level 4
Default: 00:000 = ignored because Credit Ratio is (1-2-3-4)
Example: For Credit Ratio (1-3-5-7) set to 07:100

LCD SCREEN EXAMPLES FOR CREDITS, SELECTION AND PLAYING

"CREDITS" and "FREE PLAY"

<p>No Credits are available. Requires coins to be inserted to add track play credits. <i>For this unit, the standard coin acceptor is for US Quarters Only.</i></p>	<p>Shows the current number of credits available for track selections. Additional coins add to the credit. Each selected track subtracts 1 credit.</p>	<p>Allows you to make song selections without having to insert any coins. See "STEP 01" to turn On or Off. To allow Complete Album selections, See "STEP 02" to turn On or Off.</p>
<p>Play The Music Insert Coins</p>	<p>Credits 1 Make a Selection</p>	<p>Free Play Make a Selection</p>

Entering a "SINGLE TRACK" Selection

<p>From the <u>Make a Selection</u> screen the first 2-digits are the disc number. In this example, "1234" is selected from the Credits Selection screen.</p>	<p>The last 2-digits are the track number.</p>	<p>If the entered selection does not exist, the "Not Allowed" message is shown and the Credits remain unchanged, otherwise ...</p>	<p>... Song 1234 begins to play and this screen is displayed. Since the available Credits became zero, the "Make a Selection" message was now changed to "Insert Coins".</p>
<p>Credits 1 Your Choice 12--</p>	<p>Credits 1 Your Choice 1234</p>	<p>Credits 1 Not Allowed 1234</p>	<p>Now Playing 1234 Insert Coins</p>

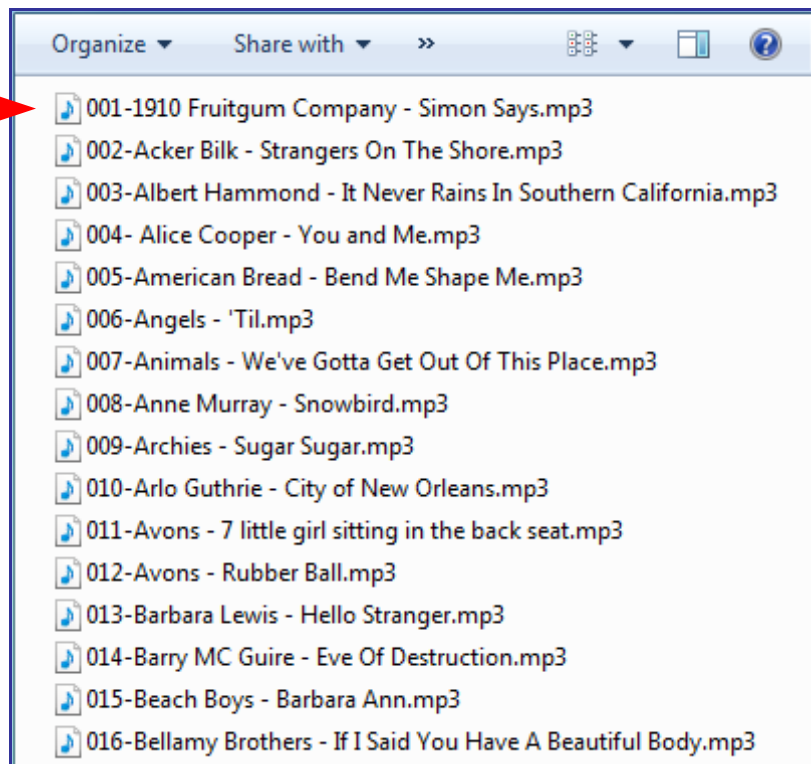
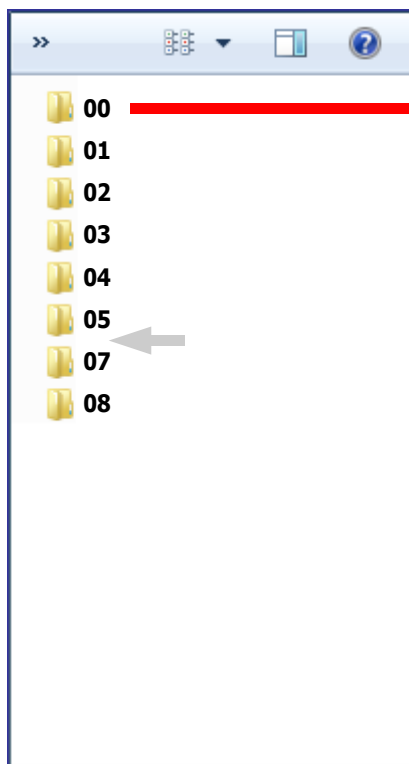
Entering an "ALBUM PLAY" Selection

<p>From the <u>Make a Selection</u> screen the first 2-digits are the disc number. In this example, disc "37" is selected from the Free Play Selection screen. (Disc 37 contains 12 tracks)</p>	<p>The last 2-digits are 00 for Album Play. Make sure "Album Select" is On, otherwise, the "Not Allowed 3700" will be displayed. It will also be displayed if entered disc number does not exist.</p>	<p>This screen shows all 12 consecutive songs were copied to play memory. If this were from credits, the song count would be subtracted, or up to the available credits would be copied.</p>	<p>Here when the songs begin to play. During song play, the top line toggles between the song "Now Playing" and "Free Play". if a credit selection, shows "Credits Available" or "Insert Coins".</p>
<p>Free Play Your Choice 37--</p>	<p>Free Play Your Choice 3700</p>	<p>Album 12 Songs Your Choice 3700</p>	<p>Now Playing 3701 Make a Selection</p>

"SONG PLAYING" Messages

<p>Current Song Playing is a ... Single or Album Selection from user</p> <p>At the Wallethe front panel, Hold the "RESET" button and tap "8" to Cancel the current song play.</p> <p>To allow RES+key Panel Commands, See "STEP 05" to turn On or Off.</p>	<p>Current Song Playing is a ... Random Disc/Track from AutoPlay</p> <p>At the Wallethe front panel, Hold the "RESET" button and tap "4" to toggle AutoPlay On or Off.</p> <p>To allow RES+key Panel Commands, See "STEP 05" to turn On or Off.</p>	<p>Current Song is Paused ...</p> <p>At the Wallethe front panel, Hold the "RESET" button and tap "5" to toggle Pause On or Off.</p> <p>To allow RES+key Panel Commands, See "STEP 05" to turn On or Off.</p>
<p>Now Playing 1234</p>	<p>-AutoPlay- 1234</p>	<p>Play Paused 1234</p>

EXAMPLE FOLDERS (DISCS) AND THE FILES (TRACKS) WITHIN A FOLDER



Folder names can only be a two digit number from 00 to 99.

To the wallette, this folder number is also the disc number, and must be in sequential order with no skipped disc numbers.

A missing number, such as 06 above, will cause the Disc Map process to end at disc number 05 allowing only 00-05 to select.

Reduces Mapping time instead of always looking for 100 discs.

Each folder can have up to 99 songs, 001-099.

The song file format can be MP3 or WAV.

The first three numeric digits of the filename identify the song track position and must be sequential starting at 001 up to maximum 099, the selection range for CD audio tracks.

Any characters after the digit numbers are ignored, but can be used to identify the song.

The example above shows song tracks for folder 00, which is disc 00 for the wallette.

So, if you want to play the song "Snowbird", you would enter "0008" on the wallette.

Just a Note ...

I haven't seen Rock-Ola CD Wallettes on eBay for quite a while. In fact, last time I contacted a previous seller, he told me "They were just an expensive Night-Light" without the jukebox. Well, not any more. I think these Wallettes are really nice. They look great, sound good and you no longer need a jukebox.

Don't have the 24VAC Wallette transformer ? We use the wall plug-in type, search for MGT2450P

From my years of producing these type of products, I've seen prices soar on Wallboxes. But I truly believe this Wallette will do the same. And I think it's time to put them up "For Sale". Customers are waiting !