Guide to Cataloging SlotMusic  
Based on AACR2 Chapters 6 and 9  
Last updated: July 2010

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I. Introduction

History / Description:  
In September 2008 SanDisk announced it would begin making music available for purchase on its microSD flash memory card format.\(^1\) The audio files on a slotMusic card are in MP3 format and are offered free of any digital rights management controls. In addition to containing an "album's" worth of music (i.e., a slotMusic release generally corresponds to a collection of music issued on other formats such as compact disc), a typical slotMusic card may come pre-loaded with images, video, text, MIDI files, etc. Each card contains 1 GB of memory (well more than what is required for the pre-loaded content) and the extra memory can be used in whatever way the buyer wishes. Indeed, the preloaded content can be moved to another storage device and the memory card can be formatted and used like any other card.

Music on slotMusic cards can be accessed using any device that both accepts microSD cards and is able to play MP3 files at up to 320 kbps.\(^2\) In addition, some slotMusic cards come packaged with a special microSD-to-USB adapter, which makes it possible to load slotMusic content onto a computer, car stereo, or any other device equipped with a USB jack. Some slotMusic cards are also sold as "bundles," which in addition to the memory card and USB adapter include special dedicated MP3 players that accept the microSD format.

Many early media responses questioned whether there would be a market for slotMusic, reasoning that music consumers interested in MP3s generally are comfortable with downloading them through computer network connections.\(^3\) But a more recent report in the *Los Angeles Times* argues that the format is doing better than many expected.\(^4\) Still, in April 2010, a search for “slotmusic” in WorldCat retrieves only the record created by this task force as an example, and it is unclear whether any libraries have begun collecting this new format.

In terms of cataloging, slotMusic offers a number of challenges. Like much electronic media, the cards exhibit aspects of more than one format, in this case at least sound recordings and electronic resources. Currently, and as the name implies, slotMusic only offers musical sound recordings, but future releases could potentially contain non-musical sound. SlotMusic releases contain no descriptive information on the card itself, making choice of chief sources of information challenging. And slotMusic releases often come "bundled" with peripheral items (such as USB adapters and MP3 players) that contain no intellectual content, making for interesting accompanying materials notes. And finally, since the devices that can play the cards are numerous, but the technical requirements of those devices are complex, clear notes regarding the playback characteristics of the cards are necessary.

The report of the OLAC/MLA Playaway Cataloging Joint Task Force\(^5\) served as a model for the present guide. The authors recognize and appreciate the trailblazing work done by that earlier group.

II. Chief Source of Information

AACR2 0.24 reminds us to “bring out all aspects of the item being described, including its content, its carrier, type of publication, ... [etc.]”\(^6\) Because slotMusic contains aspects of sound recordings, electronic resources, and sometimes videorecordings, multiple chapters of AACR2 should be consulted when describing this format. The rules in chapter 6 (Sound recordings) and chapter 9 (Electronic resources) will always be used, and when applicable, the rules in chapter 7 (Videorecordings) will be brought in to describe the videorecording aspects.

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\(^2\) See the slotMusic support site at [http://slotmusic.org/support.php](http://slotmusic.org/support.php) (Accessed April 1, 2010).


According to the 5th edition of *Cataloging of Audiovisual Materials and Other Special Materials*, the nature of the resource rather than the carrier takes precedence in how a resource is cataloged. Therefore, chapter 6 will be consulted first when cataloging slotMusic, and chapter 9 will be consulted to bring out the electronic aspects of the item.

SlotMusic has no data or other information embossed or printed on the actual material, a microSD card, as there is on sound recording discs. As slotMusic is currently issued, there are two pieces that could be considered the container. The small (1 ¼” x 1 ¼”) plastic case for storing the microSD card carries no substantive information – usually only the album cover art and album title. The cardboard cover is the size of a CD jewel case, and, while not practical in terms of a permanent storage container for all the pieces, it does serve as a unifying element for the microSD card, microSD card case, accompanying liner notes booklet, and USB adapter. The cardboard “container” also contains descriptive information ordinarily found on a CD case, making it the most complete source of information. For cataloging purposes, the task force is defining the cardboard cover as the container and recommending it as the chief source of information.

Example:

Back and front of the cardboard cover (5” x 5 ½”) -- consider this to be the container

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Example:

From top to bottom -- microSD card, plastic case for storing microSD card, USB adapter

III. Choice of Record Type
Although slotMusic is issued in electronic format, it does not fall into one of the classes of electronic resource that justify using computer file as the type of record. The significant aspect of slotMusic is sound, so the Leader/06 (OCLC Type) should be coded “j” for musical sound recording. There have not yet been any non-musical sound recordings issued on microSD card.

IV. Bibliographic Level
Leader/07 (OCLC BLvl) should be coded “m” for monographic.

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http://www.loc.gov/marc/bibliographic/concise/bleader.html
V. Fixed Fields (006 / 007 / 008)

006 Field
An 006 field should be added to account for the electronic aspects of slotMusic.

006 for electronic resource aspects of slotMusic:

Form of material 006/00 m (computer file/electronic resource)
Target audience 006/05 code appropriately, if applicable
Type of computer file 006/09 h (sound)

If the title includes video files, an additional 006 is needed to code for the video aspects.

006 for videorecording aspects of slotMusic:

Form of material 006/00 g (projected medium)
Running time 006/01-03 code appropriately
Target audience 006/05 code appropriately, if applicable
Form of item 006/12 s (electronic)
Type of visual material 006/16 v (videorecording)
Technique 006/17 code appropriately

007 Fields
Catalog records for slotMusic should include at least two 007 fields, one for coding the physical aspects of the sound recording and one for the electronic resource aspects of the carrier.

007 for sound recording aspects of slotMusic:

category of material 007/00 (OCLC $a) s (sound recording)
specific material designation 007/01 (OCLC $b) z (other)
speed 007/03 (OCLC $d) z (other)
configuration of playback channels 007/04 (OCLC $e) code as appropriate
groove width/groove pitch 007/05 (OCLC $f) n (not applicable)
dimensions 007/06 (OCLC $g) z (other)
tape width 007/07 (OCLC $h) n (not applicable)
tape configuration 007/08 (OCLC $i) n (not applicable)
kind of disc, cylinder or tape 007/09 (OCLC $j) n (not applicable)
kind of material 007/10 (OCLC $k) z (other)
kind of cutting 007/11 (OCLC $l) n (not applicable)
special playback characteristics 007/12 (OCLC $m) e (Digital recording)
capture and storage technique 007/13 (OCLC $n) code as appropriate for original capture and storage method

Example 007 $a s $b z $d z $e s $f n $g z $h n $i n $j n $k z $l n $m e $n d
Subfields g through l (electronic resource 007/06 through 007/13) are optional and are used primarily by the archival cataloging community. The task force recommends coding subfield k, level of compression, to indicate that MP3 files lose some of the digital data (lossy) upon compression and coding subfield h, file formats, to indicate slotMusic contains multiple file formats. SlotMusic will always contain at least mp3 and jpg files and can include other file types.

007 for electronic resource aspects of slotMusic:

Category of material 007/00 (OCLC $a) c (electronic resource)
Specific material designation 007/01 (OCLC $b) z (other)
Color 007/03 (OCLC $d) code as appropriate
Dimensions 007/04 (OCLC $e) z (other)
Sound 007/05 (OCLC $f) s (sound)
File formats 007/07 (OCLC $h) m (multiple file formats)
Level of compression 007/10 (OCLC $k) d (Lossy)

Example 007 $a c $b z $d n $e z $f s $h m $k d

If a particular title includes video elements, the physical aspects of the videorecording call for an additional 007.

007 for videorecording aspects of slotMusic:

Category of material 007/00 (OCLC $a) v (videorecording)
Specific material designation 007/01 (OCLC $b) z (other)
Color 007/03 (OCLC $d) code as appropriate
Videorecording format 007/04 (OCLC $e) z (other)
Sound on medium or separate 007/05 (OCLC $f) a (sound on medium)
Medium for sound 007/06 (OCLC $g) z (other)
Dimensions 007/07 (OCLC $h) z (other)
Configuration of playback channels 007/08 (OCLC $i) code as appropriate

Example 007 $a v $b z $d c $e z $f a $g z $h z $i s

008 Field
The 008 should be coded as appropriate for the sound aspects of the particular title. There is one exception. Code 008/23 (OCLC Form) “s” to reflect the electronic nature of slotMusic.

VI. Title and Statement of Responsibility
Transcribe the title information and statement of responsibility from the chief source of information, that is, the 5” x 5 ½” cardboard container that resembles a music CD cover. Give the source of title in a note.
As instructed in AACR2 6.1F1, limit statements of responsibility to “those persons or bodies credited with a major role in creating the intellectual content of the sound recording (e.g., as writers of spoken words, composers of performed music, collectors of field material, producers having artistic and/or intellectual responsibility)…. If the participation of the persons(s) or body (bodies) named in the statement found in the chief source of information goes beyond that of performance, execution, or interpretation of a work (as is commonly the case with ‘popular,’ rock, and jazz music), give such a statement as a statement of responsibility.”

Example:

245 00 $a Mamma Mia $h [electronic resource] : $b the movie soundtrack / $c featuring the songs of ABBA ; music and lyrics by Benny Andersson and Bjorn Ulvaeus ; some songs with Stig Anderson ; produced by Benny Andersson.

500 ## $a Title from container.

VII. General Material Designation (GMD)
SlotMusic should be assigned a general material designation of [electronic resource]. AACR2 defines an electronic resource as material encoded for manipulation by a computerized device. Issued on a microSD card, slotMusic is accessible through MP3 players, computers, and some mobile phones.

The task force considered the GMD [sound recording] to reflect the primary content of this format, but decided [electronic resource] to be more accurate for a number of reasons. SlotMusic may contain sound, video, graphic, and text files, so the term electronic resource correctly indicates the “broad class of material” (AACR2 definition of general material designation) to which slotMusic belongs. The choice of [electronic resource] for GMD conforms with cataloging practice for other materials issued digitally. According to Cataloging of Audiovisual and Other Special Materials, the general material designation [electronic resource] “takes precedence over any other GMD” when combining the AACR2 chapter for cataloging electronic resources with other chapters. Finally, the sound and other aspects of slotMusic will be well represented elsewhere in the record.

VIII. Edition
Transcribe an edition statement if one appears in the chief source, in information provided by the publisher, or on the packaging. Also transcribe edition information if it appears in video credits, if the information applies to the resource as a whole.

IX. Publication / Distribution
Transcribe the publication information as instructed in 6.4, and include distributor information as instructed in the optional rule in 6.4D1. As of the writing of this guide, slotMusic is available from artists represented by Universal Music Group, SONY BMG, Warner Music Group and EMI Music. Labels of one of these publishing groups (e.g., Decca with Universal Music Group) will
be found in the chief source of information and should be given as the publisher. The distributor for all slotMusic is SanDisk Corporation.

The date given in the publication area should include the publication/distribution date for the sound recording as issued on the microSD card. Because slotMusic was issued beginning in fall 2008, the first publication/distribution date given in the 260 field and Date 1 in the 008 may not be earlier than 2008. As with other sound recordings, if the title has been previously released (such as compact disc) the original publication/distribution date should be noted in a general 500 note and given in Date 2 of the 008.

**X. Physical Description**

SlotMusic is a type of microSD memory card that features preloaded music in MP3 format as either the sole or primary content. AACR2 6.5B1 gives a number of terms using the modifier “sound” for listing physical units of a sound recording and allows for using terms not on the list when necessary. The task force recommends the term “sound memory card” for the specific material designation (SMD).

Total playing time should be recorded and “digital” given as the type of recording. The task force recommends use of the metric system since micro-cards are so small, so the size should be recorded as “11 x 15 mm.”

```
300 ## $a 1 sound memory card (65 min.) : $b digital ; $c 11 x 15 mm. + $e 1 booklet.
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**XI. Notes**

Notes are given as appropriate according to guidelines in chapter 6 (sound recordings), chapter 7 (videorecordings), and chapter 9 (electronic resources). Notes of specific importance to slotMusic are:

**System Requirements Note**

Make notes on the nature and scope of the item as well as the system requirements as outlined in 9.7B1. Because of the importance of this information, the system requirements note should be given first.

```
538 ## $a Requires device capable of MP3 file playback from a microSD card or USB adapter.
500 ## $a SlotMusic card.
500 ## $a “SlotMusic cards are 1GB capacity with room to store your files too” – Container.
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**Source of Title Proper Note**

Always give a note on the source of title proper.

```
500 ## $a Title from container.
```
Edition and History Note
Make notes on the edition and history of the item, including information on recording and previous releases.

500 ## $a Previously released by Decca Records on compact disc in 2008.

Accompanying Material
Make notes on any accompanying physical pieces not given in the physical description.

500 ## $a Includes one USB adapter.
500 ## $a Booklet contains song lyrics and photos from the movie.

Contents Note
Give the title, statements of responsibility, and duration of each individual work according to 6.7B18.

505 0# $a Right now (na na na) – Beautiful / featuring Colby O’Donis and Kardinal Offishall – Keep you much longer – Trouble maker / featuring Sweet Rush – We don’t care – I’m so paid / featuring Lil Wayne and Young Jeezy – Holla holla / featuring T-Pain – Against the grain / featuring Ray Lavender – Be with you – Sunny day / featuring Wyclef – Birthmark – Over the edge – Freedom.

Describe any additional content, such as videos.

500 ## $a Special features include: photos; two music videos including Freedom (15:22) and Right now (na na na) (5:07).

Publishers’ Numbers
Two standard numbers are found on slotMusic – the music publisher issue number and the Universal Product Code (UPC).

The UPC is a 12 digit number that appears on the item with a barcode. This number should be transcribed in MARC field 024.

024 1# $a 619659055325

Because all slotMusic is issued by SanDisk Corporation, the music publisher number which can be found on the container will always begin with the prefix “SDCM.” It is recorded in MARC field 028.

028 01 $a SDCM-14806-A57 $b SanDisk Corporation
The number under the UPC (80-56-07540 in example 1) is not a standard number and should not be transcribed.

XII. Access Points

Name Access

Provide access points as for any musical or visual work, for performers, composers, etc. If the resource includes video content, also include name access points as for typical visual resources, for directors, choreographers, in certain cases actors, etc.

Access points may also be created for publisher and manufacturer (SanDisk Corporation).

Example:

110 2# $a All-American Rejects (Musical group)
710 2# $a BMG Music.
710 2# $a SanDisk Corporation.

Title Access

In addition, title analytics may be created for title-level access.

Example:

740 02 $a I wanna.
740 02 $a Fallin’ apart.
740 02 $a Damn girl.

Subject Access

Provide subject access appropriate to the musical content and video content if present.

Example

650 #0 $a Rock music $y 2001-2010.
XIII. Further Reading

slotMusic Website
http://slotmusic.org/

slotMusic Support Website
http://slotmusic.org/support.php

slotMusic Overview Video
http://slotmusic.org/video.php

BusinessWeek article (best early report on the new format, from September 2008). Other articles from the same week (9/22 - 2/29) include Wall Street Journal, Red Herring, Electronic News.)
http://www.businessweek.com/technology/content/sep2008/tc20080921_731824.htm

SlotMusic in Wikipedia

microSD in Wikipedia (background)
http://en.wikipedia.org/wiki/Microsd

Task Force Guide to Playaway Devices
http://www.olacinc.org/drupal/capc_files/playawaysPDF.pdf

Wired article

LA Times article
XIV. Sample Records

Example 1:
Example 1 – MARC Record

LDR       njm la
006       m h
008       090522r20092008nyumpn s       eng d
007       s $b z $d z $e u $f n $g z $h n $i n $j n $k z $l n $m e $n d
007       c $b z $d c $e z $f s $h m $k d
040       UNL $c UNL
024       1# 619659055325
028       01 SDCM-14806-A57 $b SanDisk Corporation
050       14 M1627.A53 $b M36 2009
049       UNLN
100       1# Andersson, Benny.
245       10 Mamma mia! $h [electronic resource] : $b the movie soundtrack featuring the songs of ABBA / $c music and lyrics by Benny Andersson and Björn Ulvaeus, some songs with Stig Anderson ; produced by Benny Andersson.
246       3# Mamma mia!
246       30 Movie soundtrack featuring the songs of ABBA
300       1 sound memory card (65 min.) : $b digital ; $c 11 x 15 mm.
306       006519
538       Requires device capable of MP3 file playback from a microSD card.
500       SlotMusic card.
500       "SlotMusic cards are 1GB capacity with room to store your files too"--Container.
500       Title from container.
500       Booklet contains song lyrics and photos from the movie.
500       Previously released by Decca Records on compact disc in 2008.
500       Includes one USB adapter.
505       00 $t Honey, honey / $r Amanda Seyfried, Ashley Lilley, Rachel McDowall $g (3:07) -- $t Money, money, money / $r Meryl Streep, Julie Walters, Christine Baranski $g (3:06) -- $t Mamma mia / $r Meryl Streep $g (3:34) -- $t Dancing queen / $r Meryl Streep, Julie Walters, Christine Baranski $g (4:04) -- $t Our last summer / $r Colin Firth, Pierce Brosnan, Stellan Skarsgård, Amanda Seyfried, Meryl Streep $g (2:57) -- $t Lay all your love on me / $r Dominic Cooper, Amanda Seyfried $g (4:29) -- $t Super trouper / $r Meryl Streep, Julie Walters, Christine Baranski $g (3:53) -- $t Gimme! gimme! gimme! (A man after midnight) / $r Amanda Seyfried, Ashley Lilley, Rachel McDowall $g (3:51) -- $t The name of the game / $r Amanda Seyfried $g (4:55) -- $t Voulez-vous / $r Philip Michael, Christine Baranski, Julie Walters, Stellan Skarsgård $g (4:35) -- $t SOS / $r Pierce Brosnan, Meryl Streep $g (3:19) -- $t Does your mother know / $r Christine Baranski, Philip Michael $g (3:01) -- $t Slipping through my fingers / $r Meryl Streep, Amanda Seyfried $g (3:50) -- $t The winner takes it all / $r Meryl Streep $g (4:57) -- $t When all is said and done / $r Pierce Brosnan, Meryl Streep $g (3:17) -- $t Take a chance on me / $r Julie Walters,
Stellan Skarsgård, Colin Firth, Philip Michael, Christine Baranski $g (4:01) -- $t I have a dream / $r Amanda Seyfried $g (4:23).

650 #0 Musicals $v Film adaptations.
650 #0 Motion picture music.
650 #0 Motion picture soundtracks.
650 #0 Rock music $y 2001-2010.
700 1# Anderson, Stikkan.
700 1# Ulvaeus, Björn.
700 1# Streep, Meryl.
700 1# Baranski, Christine.
700 1# Walters, Julie, $d 1950-
700 1# Seyfried, Amanda.
700 1# Brosnan, Pierce.
700 1# Firth, Colin, $d 1960-
700 1# Skarsgård, Stellan.
710 2# ABBA (Musical group)
710 2# Decca Records (Firm)
710 2# SanDisk Corporation.
730 0# Mamma mia! (Motion picture : 2008)
EXAMPLE 2:
Example 2 – MARC Record

LDR njm Ia
006 m h
008 090522r20092008nyurcn s eng d
007 s $b z $d z $e u $f n $g z $h n $i n $j n $k z $l n $m e $n u
007 c $b z $d c $e z $f s $h m $k d
040 UNL $c UNL
024 1# 619659054922
028 01 SDCM-14783-A57 $b SanDisk Corporation
043 n-us---
050 14 M1630.18.P74 $b E48 2009
049 UNLN
100 1# Presley, Elvis, $d 1935-1977.
245 10 Elvis $h [electronic resource] : $b 30 #1 hits / $e Elvis Presley.
246 30 30 #1 hits
246 3# Thirty number one hits
260 New York : $b BMG Music ; $a Milpitas, CA : $b SanDisk Corporation, $c [2009],
p2002.
300 1 sound memory card : $b digital ; $c 11 x 15 mm.
538 Requires device capable of MP3 file playback from a microSD card.
500 SlotMusic card.
500 "SlotMusic cards are 1GB capacity with room to store your files too"--Container.
500 Title from container.
500 Previously released by BMG Music on compact disc in 2002.
500 Includes one USB adapter.
505 00 $t Heartbreak hotel -- $t Don't be cruel -- $t Hound dog -- $t Love me tender -- $t Too much -- $t All shook up -- $t (Let me be your) Teddy bear -- $t Jailhouse rock -- $t Don't -- $t Hard headed woman -- $t One night -- $t (Now and then there's) A fool such as I -- $t A big hunk o' love -- $t Stuck on you -- $t It's now or never -- $t Are you lonesome tonight? -- $t Wooden heart -- $t Surrender -- $t (Marie's the name) His latest flame -- $t Can't help falling in love -- $t Good luck charm -- $t She's not you -- $t Return to sender -- $t (You're the) Devil in disguise -- $t Crying in the chapel -- $t In the ghetto -- $t Suspicious minds -- $t The wonder of you -- $t Burning love -- $t Way down -- $g Bonus track: $t Little less conversation $g (JXL Radio edit remix).
650 #0 Rock music $z United States.
650 #0 Popular music $z United States.
710 2# BMG Music.
710 2# SanDisk Corporation.
Example 3 – MARC Record

LDR  njm la
006  m h
006  g s v
008  090522r20092008nyuppn s eng d
007  s $b z $d z $e u $f n $g z $h n $i n $j n $k z $l n $m e $n d
007  c $b z $d c $e z $f s $h m $k d
007  v $b z $d c $e z $f a $g z $h z $i u
040  UNL $c UNL
024  1# 619659055547
028  01 SDCM-14828-A57 $b SanDisk Corporation
050  14 M1630.18.A46 $b F74 2009
049  UNLN
100  0# Akon Sc (Rapper)
300  1 sound memory card : $b digital ; $c 11 x 15 mm.
538  Requires device capable of MP3 and AVI file playback from a microSD card.
500  SlotMusic card.
500  "SlotMusic cards are 1GB capacity with room to store your files too"--Container.
500  Includes one USB adapter.
500  Title from container.
500  Previously released by Universal Records on compact disc in 2008.
500  Special features include: photos; two music videos including Freedom (15:22) and Right now (na na na) (5:07).
505  00 $t Right now (na na na) -- $t Beautiful / $r featuring Colby O'Donis and Kardinal Offishall -- $t Keep you much longer -- $t Trouble maker / $r featuring Sweet Rush -- $t We don't care -- $t I'm so paid / $r featuring Lil Wayne and Young Jeezy -- $t Holla holla / $r featuring T-Pain -- $t Against the grain / $r featuring Ray Lavender -- $t Be with you -- $t Sunny day / $r featuring Wyclef -- $t Birthmark -- $t Over the edge -- $t Freedom.
650  #0 Rap (Music)
650  #0 Rhythm and blues music.
650  #0 Popular music $y 2001-2010.
700  1# O'Donis, Colby.
700  0# Kardinal Offishall.
700  0# Sweet Rush.
700  0# Lil Wayne.
700  0# Young Jeezy.
700  0# T-Pain, $d 1984-
700  1# Lavender, Ray.
700  1# Jean, Wyclef.
710  2# Universal Records.
710  2# SanDisk Corporation.