

TEST GUIDE FOR WMA PD DRM

1. Introduction

SR-M800F series supports *Windows Media Audio Potable Device Digital Rights Management* (WMA PD DRM). WMA PD DRM will prevent from unauthorized access and distribution. A person who has a license can use a licensed digital content.

It is the simple method to test WMA PD DRM through Windows Media Player. Windows Media Player deals with WMA PD DRM.

The purpose of this guide is not to specify DRM but to provide the information about the way to test WMA PD DRM with SR-M800F

2. Requirement

The *Windows Media Device Manager* (WMDM) manages portable media players in Windows. WMDM has existed since the release of Windows Media Player. WMDM in Windows Media Player will transfer the licensed digital content. A file that has a license information will be generated during transferring the digital content.

WMA PD DRM needs the followings.

1) WMA file has to be transferred through Windows Media Player.

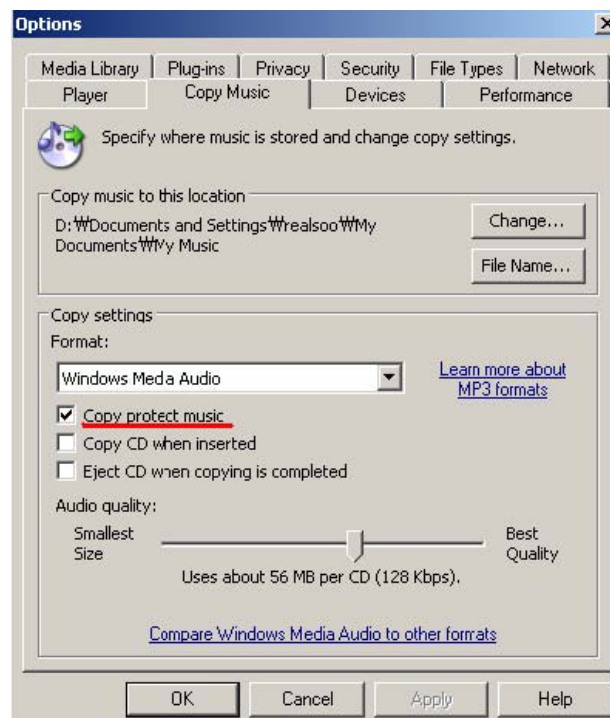
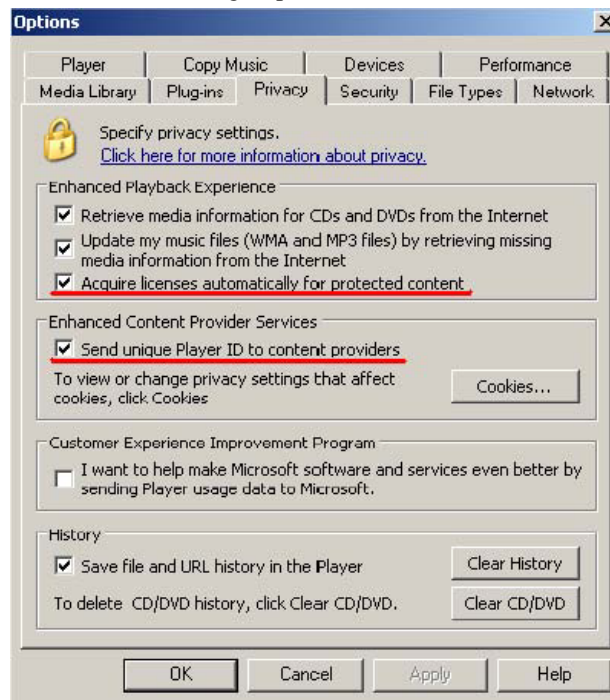
Note: The latest Windows Media Player over version 9.0.

2) Potable devices must get a unique serial number. SR-M800F can generate the unique serial number in specific memory region. This serial number will be used to create a license file.

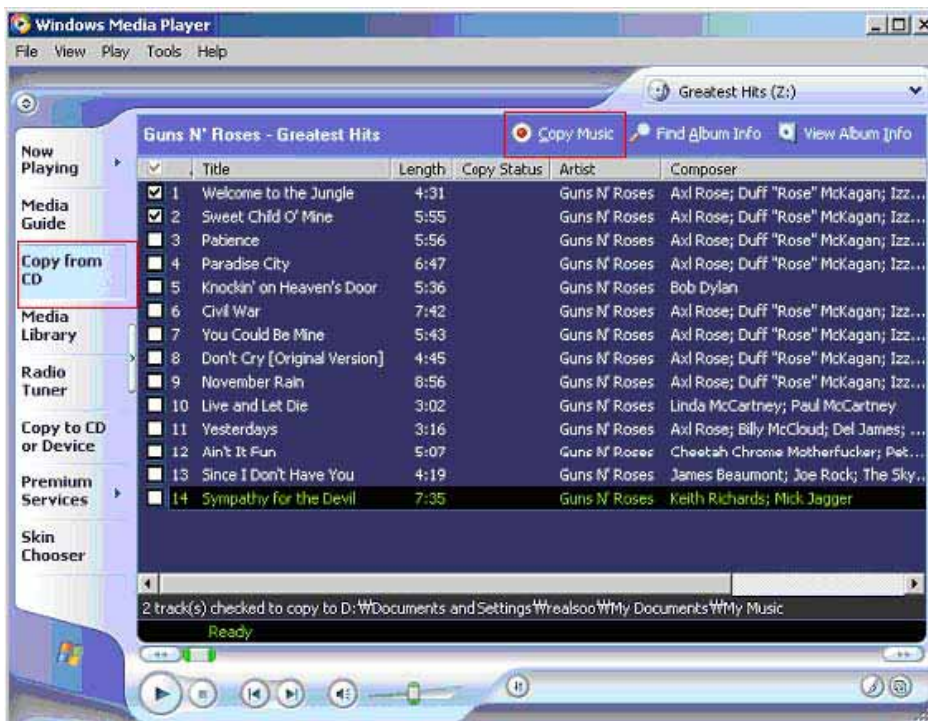
3) F/W Package must include the Microsoft WMA library. WMA evaluation version library does not support DRM.

3. Test Procedure

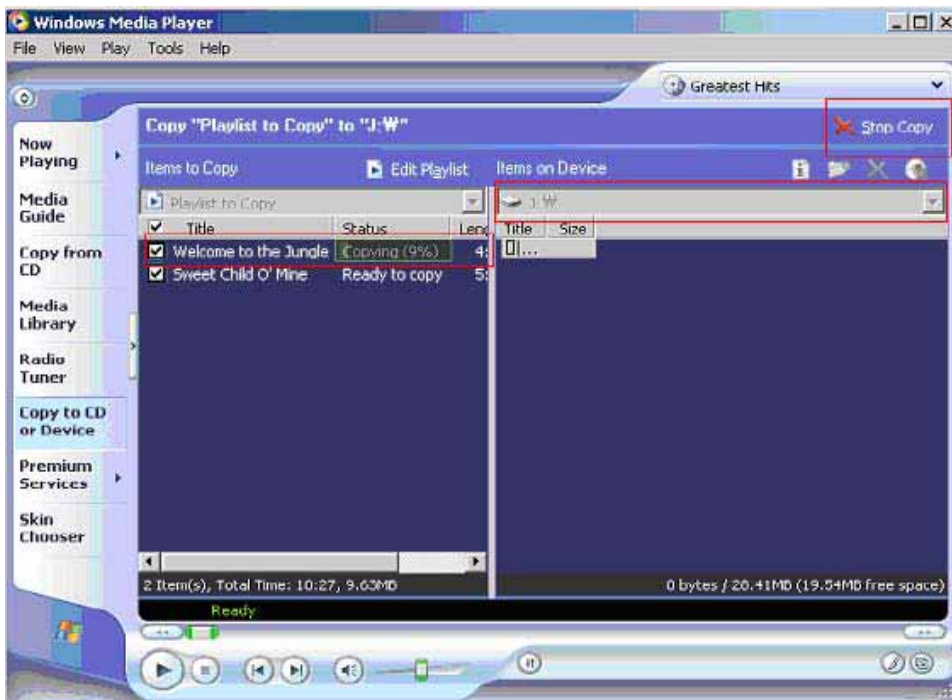
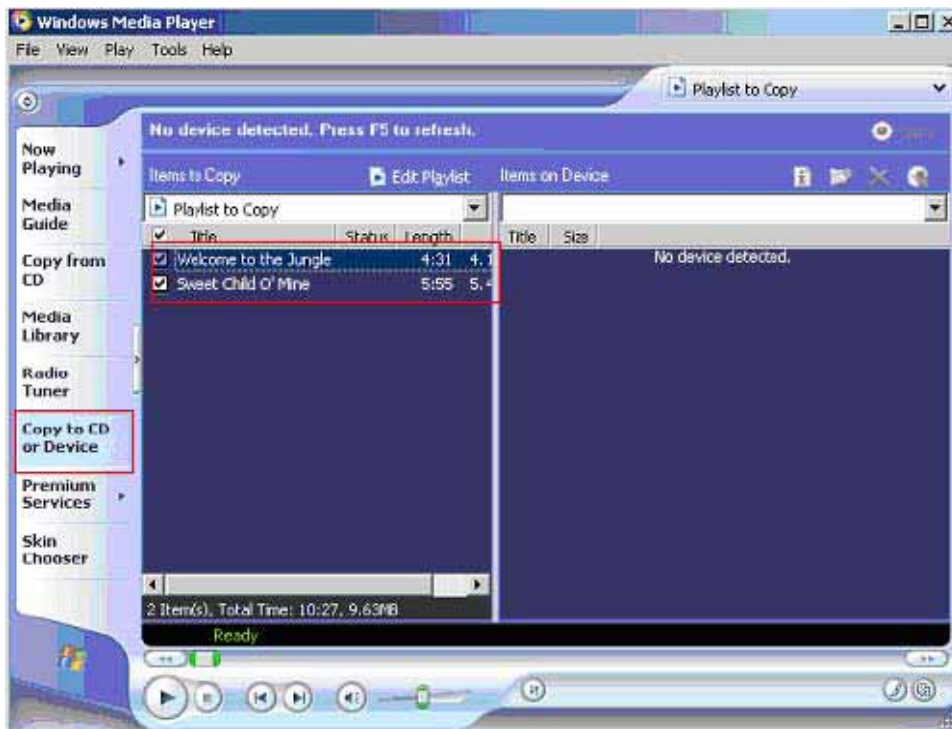
WMA music file was used in the test. Make sure of the specific options in Windows Media Player and internet connection before the following step.



Step1. Copy Audio CD to Windows Media Player Music library.





Step 2. Copy a WMA file to SR-M800F. New license file will be generated on SR-M800F in addition to the WMA file. The copy of the WMA file will be played on PC and SR-M800F.



And then you can find out the copy of the original WMA file on SR-M800F. The copied file is going to play well whether the license file is on SR-M800F or not.

Media Player. The copied file can be used if there is a license file. But Windows Media Player of other PC can not play the WMA file without the license file.

Name	Size	Type	Date Modified ▾	
 Sweet Child O' Mine.wma	5,610 KB	Winamp media file	2004-05-31	10:08
 DRMv1PM.lic	1 KB	LIC File	2004-05-31	10:08
 Welcome to the Jungle.wma	4,292 KB	Winamp media file	2004-05-31	10:08

Connect the SR-M800F with Other PC and play the copy of the WMA file on Windows
The copied file can be used if there is a license file. But Windows Media Player of other PC can not play the WMA file without the license file

Step 3 Move the WMA file on SR-M800F to other portable device that has another serial number.
The WMA file is encrypted through the serial number. So it is impossible to play the copy of the WMA file that is moved to other portable device.
Although a user can use the licensed WMA file on the PC and TCC72X Demo Board where he had tried to copy originally, the file is going to be invalid after moving to other PC or portable device.