

DRM-X 5.0

MasterStudy LMS Integration Plugin User Guide

Plugin Installation Settings and Protected Video Embedding Instructions

PLUGIN VERSION

1.1.1

INTENDED USER

WordPress Administrator

DOCUMENT TYPE

Quick Start Guide

[Download Plugin](#)

Plugin Features

DRM-X 5.0 Integration for MasterStudy LMS connects WordPress, MasterStudy LMS, DRM-X 5.0, and the ZJGet player. After configuration, a protected video issues a license only after WordPress sign-in and verification of an active MasterStudy LMS course record.

Install and activate the integration plugin that matches the LMS used by the website.

Available Features

- Require WordPress sign-in before a DRM-X license can be obtained.
- Verify access to the MasterStudy LMS course assigned to the DRM-X License Profile.
- Automatically create the corresponding DRM-X user when needed.
- Prevent revoked or locked DRM-X users from obtaining licenses.
- Support both the China and International DRM-X 5.0 services.
- Use a fixed RightsID with automatic permission updates or use the RightsID submitted from the DRM-X License Profile through ZJGet POST data.
- Support multiple course IDs separated by a standard hyphen, such as 123-124.
- Embed protected video with the [zjget-player] shortcode.

Basic Workflow

- 1. Install the plugin** Upload drmx5-masterstudy-lms-1.1.1.zip and activate it after MasterStudy LMS.
- 2. Enter settings** Configure AdminEmail, WebServiceAuthStr, GroupID, service area, and RightsID mode.
- 3. Configure DRM-X** Enter the integration URL and WordPress course post ID in the DRM-X 5.0 License Profile.
- 4. Embed the video** Place the protected video URL inside the ZJGet player shortcode.
- 5. Test access** Confirm that an authorized student can play the video and an unauthorized user cannot obtain a license.

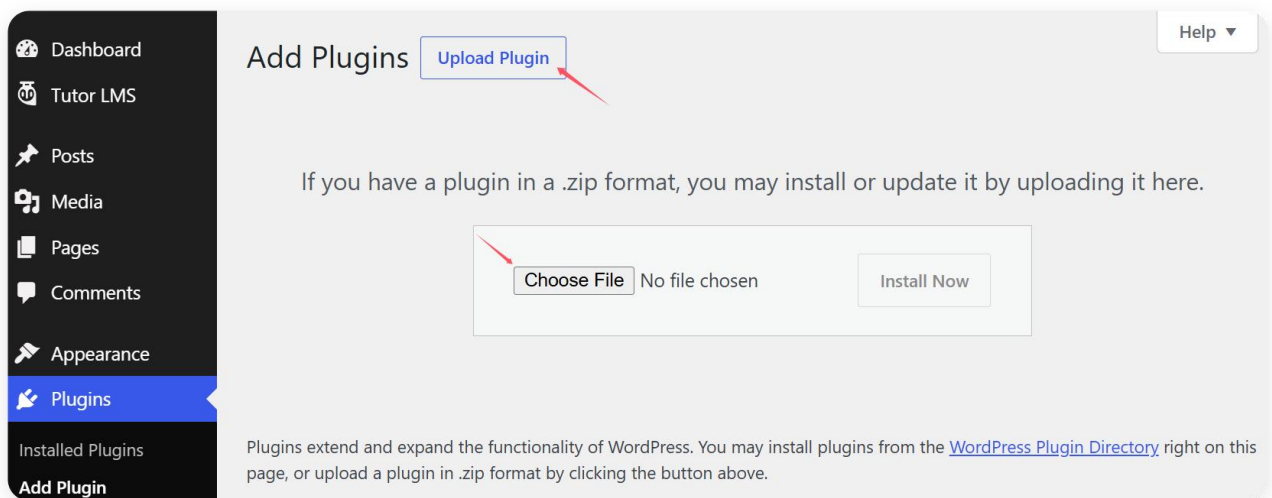
Install and Configure the Plugin

Requirements

- WordPress 5.8 or later and PHP 7.4 or later.
- A working installation of MasterStudy LMS.
- The PHP SOAP extension enabled on the WordPress server.
- An HTTPS website and a DRM-X 5.0 account.

Install the ZIP Package

- 1. Sign in to WordPress** Use an administrator account to open the WordPress dashboard.
- 2. Upload the plugin** Go to Plugins > Add New Plugin > Upload Plugin and select drmx5-masterstudy-lms-1.1.1.zip.
- 3. Activate dependencies** Activate MasterStudy LMS first, then activate DRM-X 5.0 Integration for MasterStudy LMS.
- 4. Open settings** Use the Settings link on the plugin row, or go to Settings > DRM-X 5.0.



Plugin Settings

Setting	Value
AdminEmail	DRM-X 5.0 administrator email address
WebServiceAuthStr	Web Service Authorization String configured in DRM-X 5.0
GroupID	DRM-X 5.0 user group ID used for user creation and licensing
Service area	China uses 5.drm-x.cn; International uses 5.drm-x.com
RightsID mode	Read License Profile from POST, or use a fixed RightsID and update Rights
Fixed RightsID	Required only when fixed mode is selected. Separate multiple RightsIDs with commas. One is chosen at random to reduce concurrent rights conflicts.

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DRM-X 5.0

Collapse Menu

DRM-X 5.0 Integration for MasterStudy LMS

DRM-X 5.0 account

AdminEmail

The administrator email address of the DRM-X 5.0 account.

WebServiceAuthStr

.....

The Web Service Authorization String configured in DRM-X 5.0.

GroupID

The DRM-X 5.0 user group ID used when creating users and issuing licenses.

DRM-X service area

International (5.drm-x.com) ▾

Select the service domain associated with your DRM-X account.

Permission source

RightsID mode

Read the License Profile RightsID from ZJGet POST data ▾

Fixed mode updates the configured permission. POST mode uses the RightsID supplied from t

Fixed RightsID

Required only in fixed mode. The plugin updates this permission before obtaining the license.

Save Changes

Integration address

Set the DRM-X custom login/integration URL to:

`http:// /wp-content/plugins/drmx5-masterstudy-lms/licstore5.php`

MasterStudy LMS course IDs

Enter the WordPress post ID of the MasterStudy LMS course in the DRM-X License Profile YourProductID field. Separate multiple course IDs

Embed a protected video

`[zjget-player]https://example.com/protected-video.mp4[/zjget-player]`

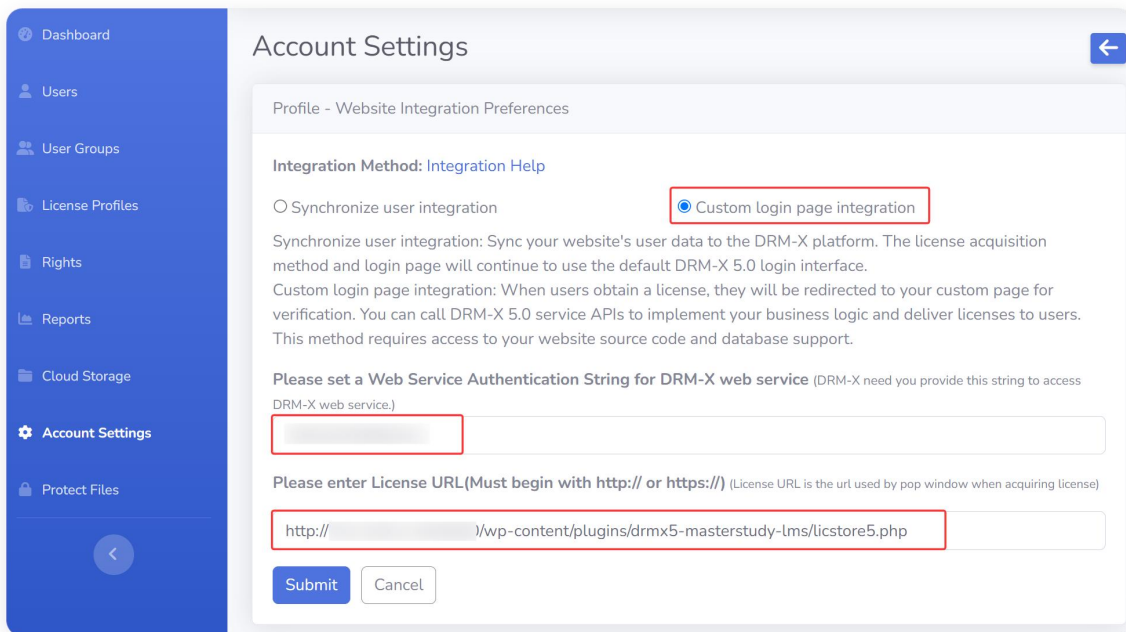
DRM-X Administration Settings

Set WebServiceAuthStr and the Integration URL

In DRM-X 5.0, open Account Settings > Website Integration Settings. Select custom login page integration, enter the same WebServiceAuthStr used by the WordPress plugin, and enter the license URL shown below.

`https://your-wordpress-domain/wp-content/plugins/drmx5-masterstudy-lms/licstore5.php`

The endpoint filename must remain licstore5.php. Use HTTPS and make sure the domain exactly matches the domain used for WordPress sign-in.



The screenshot shows the 'Account Settings' page with a sidebar on the left containing links to Dashboard, Users, User Groups, License Profiles, Rights, Reports, Cloud Storage, Account Settings (highlighted), and Protect Files. The main content area is titled 'Account Settings' and contains a sub-section 'Profile - Website Integration Preferences'. Under 'Integration Method: Integration Help', there are two radio buttons: 'Synchronize user integration' and 'Custom login page integration' (which is selected). Below this, there is a text box for 'Please set a Web Service Authentication String for DRM-X web service' and another text box for 'Please enter License URL (Must begin with http:// or https://)'. The License URL text box contains the value 'http://wp-content/plugins/drmx5-masterstudy-lms/licstore5.php'. At the bottom of the form are 'Submit' and 'Cancel' buttons.

Service Area

- Select China when the DRM-X account is hosted at 5.drm-x.cn.
- Select International when the DRM-X account is hosted at 5.drm-x.com.

RightsID Mode

Read from ZJGet POST data: ZJGet reads the configured Rights from the DRM-X 5.0 License Profile and submits the corresponding RightsID. The plugin obtains the license with that RightsID and does not update the DRM-X permission.

Fixed RightsID and automatic update: the plugin calls UpdateRightWithDisableVirtualMachine before each license request, using the Fixed RightsID entered in WordPress. ExpirationAfterFirstUse is set to -1.

Set the Course ID

Open MS LMS > Courses and edit the course. In a standard WordPress edit URL such as /wp-admin/post.php?post=123&action=edit, the course post ID is 123. Enter that number in the Your Product ID field of the DRM-X 5.0 License Profile.

One course: 123

Multiple courses: 123-124-208

- Use numeric WordPress course post IDs, not lesson IDs, slugs, product IDs, or page URLs.
- The plugin checks the IDs from left to right and uses the first course that the current user can access.
- Access to one listed course does not grant access to another course; the check applies only to the license request for that DRM-X License Profile.

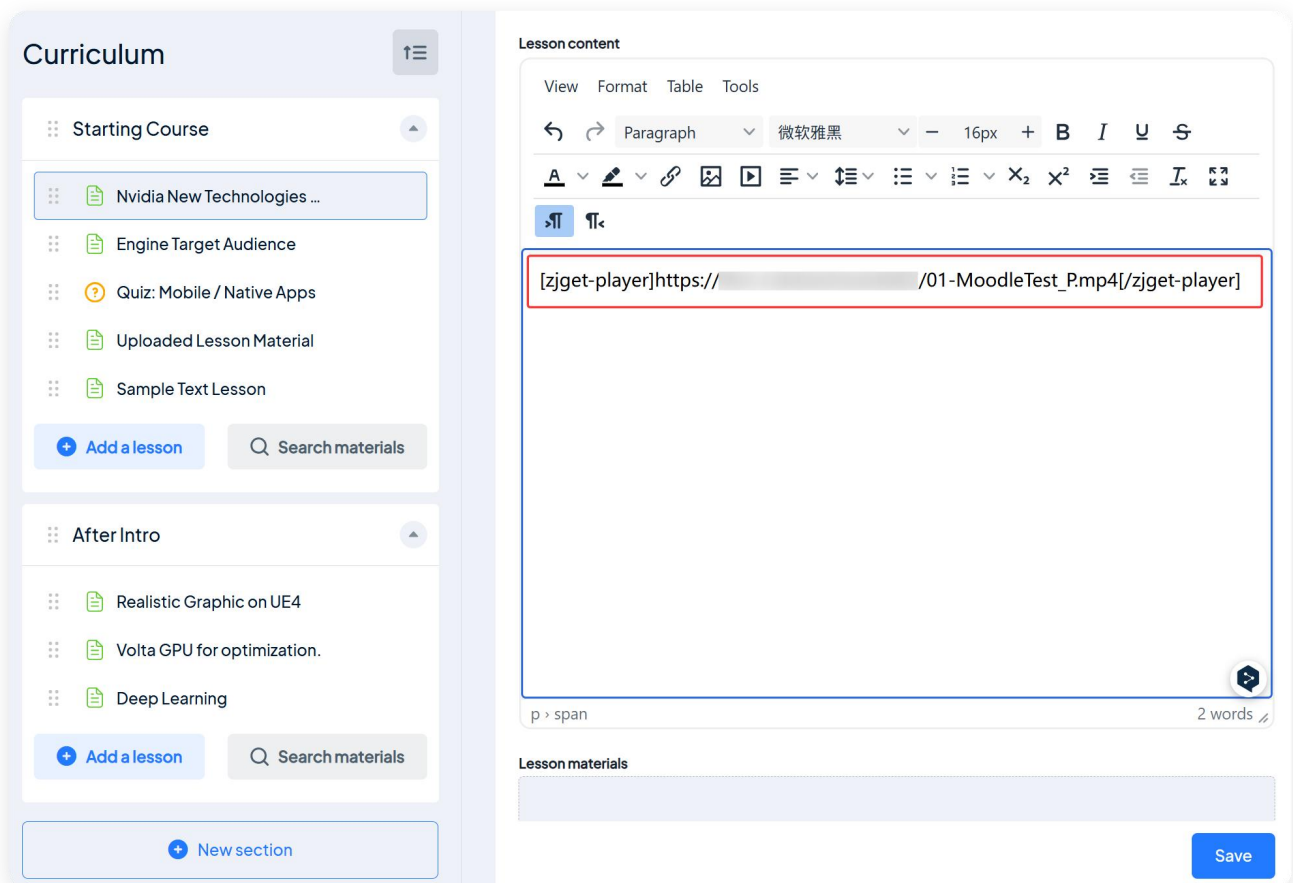
Profile Name*	Integration Profile				
Default Rights *(Choose at least one)	Select	Rights Name	Price	Rights Details	Edit
	☒	Rent: Open 3 times, 24hours, \$1	1	Details	Edit
Add New Rights					
Security Version*	2				
ProductID in your system(Optional):	2				

Add Protected Video

Insert the Shortcode

- 1. Open course content** Edit the page or lesson in MasterStudy LMS where the protected video will appear.
- 2. Add a Shortcode block** Use the WordPress Shortcode block or a text field that processes WordPress shortcodes.
- 3. Enter the video URL** Place only the complete protected video URL between the opening and closing tags.

```
[zjget-player]https://cdn.example.com/course/video01.mp4[/zjget-player]
```
- 4. Save and test** Open the content with a normal student account and start playback.



Shortcode Notes

- The video URL must start with http:// or https://.
- Place only the raw URL inside the shortcode; do not use Markdown link syntax.
- Use only one ZJGet player on the same page.
- The plugin loads player scripts from www.zjget.com; the files do not need to be copied into the plugin.
- The player is disabled in WordPress editing and preview contexts so it does not cover editor dialogs.

Course Access and License Dates

The plugin requires both a MasterStudy user-course record and active course access. A purchase or enrollment that MasterStudy no longer considers active will not pass validation.

Fixed RightsID mode uses the start and end times stored in the MasterStudy user-course record. If either value is unavailable, the request time is used as the start and a ten-year expiration is used as the end. ExpirationAfterFirstUse remains -1.

License Workflow

- 1. Verify sign-in** If the WordPress user is not signed in, save the license request temporarily and send the user to the WordPress login page.
- 2. Verify course access** Check the course IDs in YourProductID and select the first course for which the user has an active MasterStudy LMS course record.
- 3. Synchronize the user** Check whether the WordPress username exists in DRM-X 5.0 and create it when necessary.
- 4. Check account status** For an existing DRM-X user, call CheckUserIsRevoked and GetUserDetails. Revoked or locked users are rejected.
- 5. Apply permission mode** Update the fixed RightsID when fixed mode is selected; otherwise keep the RightsID submitted from the License Profile.
- 6. Issue the license** Request the DRM-X license and return it to the ZJGet browser.

Important Behavior

- The WordPress username is used as the DRM-X username.
- A user must still be authorized when a previously downloaded protected file requests a new license.
- The plugin validates course-level access. Restrictions applied only to an individual lesson or page are not separately evaluated.
- Keep separate DRM-X License Profiles when videos belonging to different courses must be isolated.

Testing and Common Issues

Recommended Tests

Test	Expected Result
User is not signed in	The user is sent to the WordPress login page
User is signed in and has course access	The user can obtain a license and play the video
User does not have access to an assigned course	The user cannot obtain a license
DRM-X user does not exist	The plugin creates the DRM-X user automatically
DRM-X user is revoked or locked	The user cannot obtain a license
Multiple course IDs and one course is accessible	The plugin uses the first accessible course and issues the license

Common Issues

Issue	Solution
The license page asks the user to sign in again	Use the same HTTPS domain for WordPress sign-in and licstore5.php; clear caches and test again
The browser warns that submitted information is not secure	Use HTTPS for both WordPress and the DRM-X integration URL
The user is reported as unauthorized	Confirm YourProductID contains the numeric course post ID and verify the user's LMS access
The shortcode appears instead of the player	Confirm the matching integration plugin is active and use a WordPress Shortcode block
The player reports an invalid URL	Place a complete raw URL beginning with http:// or https:// inside the shortcode
WordPress cannot connect to DRM-X	Enable PHP SOAP and verify AdminEmail, WebServiceAuthStr, GroupID, and service area

Before Going Live

- Confirm that MasterStudy LMS and its DRM-X integration plugin are active.
- Confirm that the WordPress site and integration URL use HTTPS.
- Confirm the DRM-X credentials, service area, License Profile Rights, and course post IDs.
- Complete successful authorized and unauthorized tests using normal student accounts.