



Billing System Integration

Cast-Control Documentation

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1. Cast-Control Payment Handling

1.1 General Overview

Cast-Control includes a quite basic but functional billing system of its own which can be used in conjunction with Paypal, PayPal Subscriptions, 2Checkout, Manual Bank Transfers, Manual Credit Card processing and others that might not be listed.

1.2 Configuring Payment Modules

1. Login to Cast-Control as Super Administrator
2. Navigate to Administration and select Payment Processors (third from top)

From here you can install and configure a variety of payment modules, most are quite self explanatory. For more information, seek the modules website.

It should be noted that for Paypal or Paypal Subscriptions to function, you will require a premium or business account with support for IPN.



2. WHMCS Integration

The latest Integration files are included with the newest WHMCS versions, there is no need to manually download these files.

2.1 Adding the Cast-Control Server

1. Login to WHMCS as administrator, move your cursor over **Configuration** and select **Manage Servers**.
2. Select **Add new server**.
3. Enter the name of the server such as Cast-Control Server.
4. Scroll down to **Server Details**, Next to **Type** select **castcontrol**.
5. Enter the Super Administrative details to cast-control in the next two fields.
6. The rest of the fields you can leave be or change to your desire, these will not affect cast-control.
7. Once completed, select the server to make it the default

2.2 Creating a Server Plan

1. Select **Configuration** than **Products/Services**.
2. Select **Create a new product** and enter a suitable name, such as "Shoutcast 50 listeners at 24Kbps". Click Continue.
3. Ensure the Domain registration options are **hidden**.
4. Select the **ModuleSettings** tab on the page.
5. Under **Modules Name** Type select 'Castcontrol'. you can modify the settings for new shoutcast servers created under this plan.

Auth: This is the security hash found under Cast-Control Administration -> API Key

Host: This is the hostname/domain without the http prefix

Path: This should be the web URL path to cast-control. For example, if the URL is <http://mydomain.com/castcontrol>, the path will be /castcontrol/.

Port: Usually 80 unless the web server is running on a separate port.



2.3 Configurable Options

You may also wish to add configurable options to your CastControl package. With these, you can show your customers option on the order form to customise the ShoutCast hosting package. The configurable options can be named as follows with the following options as examples:

Maximum Users - 16,32,64,etc...

Maximum Bitrate - 8KB,16KB,20KB,24KB,32KB,etc...

Bandwidth - 100MB,200MB,Unlimited,etc...

AutoDJ - Enabled, Disabled

AutoDJ Quota - 0MB (Unlimited), 30MB, 100MB ect

Port 80 Proxy - Enabled, Disabled

MSN Service Control (new) - Enabled,Disabled

Port 80 Proxy (new) - Enabled,Disabled

What this allows you to do is offer a single package that provides all your different options. And each different option can increase or decrease the price of the overall package as appropriate.

2.4 Defining a Welcome Email

1. Select Configuration and Email Templates from WHMCS Administration.
2. Select the SHOUTcast Welcome Email
3. You can modify the template from here, the variable `{service_domain}` can be used within the template to identify the IP address and portbase of a newly created service.

If you wish to separate the IP and the portbase this is also possible, please follow these steps:

- a) PLACE the following at the top of your email, no text will be displayed
`{assign var=domainData value=":" |explode:$service_domain}`
- b) PLACE this line where you wish the domain/ip to be displayed:
`{domainData.0}`
- c) PLACE this line where you wish the port number to be displayed:
`{domainData.1}`



3. ClientExec Integration

3.1 ClientExec & Package Configuration

Copy the files of the ClientExec software into the appropriate directory on your server, keeping in mind clientexec is the default name of the root directory.

Also, copy the files of Cast-Control software onto your server, keeping in mind that root is the default directory name of Cast-Control.

1. Login to ClientExec
2. Navigate to *Admin > Servers* section
3. Create a new server, you can label the custom fields as you wish.
These will be displayed in the client area and the admin area and are very important
Remember these labels, as you will need to use them in the following steps.
4. Navigate to *Admin > Custom Fields* section
5. Select "Package Fields" from the "Select custom fields type" section
Please create the 3 custom fields you specified in step 3 with the following configuration:
 - o Portbase (*Textfield, admin only*)
 - o Username(*Is required, include in signup*)
 - o Password(*Is required, include in signup*)
6. Navigate to *Admin > Package Types* section
Select "Create a package type"
Use any naming and descriptions
Do not show domain options
Select "Add new package type" at the very bottom, right under the email field
Select "Add new Package" at the VERY bottom of the page
Configure as you wish
Under server variables, move Cast-Control over to the right of the boxes
Select "Set package attributes" next to Cast-Control
Configure as you wish, Leave SystemID blank if you are unsure what this is

3.2 PACKAGE ADDONS (CONFIGURABLE OPTIONS)

1. Navigate to *Admin -> Package Types*
2. Scroll to the bottom and select your Package Type
3. Scroll down until you see Package Add-ons, Select 'Add New'
4. Name this as you like, select Plugin Variable as 'Custom Variable'

The list of Custom plugin variable names are listed below

Price Detail is the option name and Plugin var value is the amount/limit and must be precise

Plugin Variable Name	Plugin Var Value input type	Example
MaxUsers	Integer between 1-999	25
BitRate	Integer between 1-999 representing kbps	128
Bandwidth	Integer representing MB	102400
AutoDJ	Text (Enabled or Disabled)	Enabled
AutoDJ_Quota	Integer representing MB	100