

Dynamic Product Options extension for Magento2

User Guide

version 3.0



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1. Introduction

The document is a User Guide for extension **Dynamic Product Options** created for Magento2 websites. It describes the extension functionality and provides some tips for a quick start.

The extension official page - <https://www.itoris.com/magento-2-custom-options.html>

The purpose of the Dynamic Product Options extension for Magento 2 is to allow to create complex option-based products. The extension provides a simple and convenient way to configure and design custom options the way you need it.

Product Options Editor

The DPO editor is developed to simplify the process of creating custom options. You are able to add an unlimited number of sections and fields. Various field types allow to customize product options appearance in different ways. You can change the fields' positions, manage the options' fields and sections visibility, apply the conditional logic.

Product Options per Store View

The extension helps to create and manage custom options per store view. To make options available for foreign consumers you are able to translate options directly within the product configuration section or via the Magento's translator.

Field Types

The plugin introduces a number of various field types: Input Box, Textarea, File, Dropdown, Radio Buttons, Check Boxes, Multiple Select, Date, Date & Time, Time, Image and DIV/HTML. Each field type has common and unique settings improving the editing process.

Dependent Custom Options

The enhanced conditional branching makes options dependent ({Hidden Option 2} depends on {Visible Option 1}) and allows to save space on the product view and show the relevant options only. You are able to apply an unlimited number of dependent fields as well as manage the visibility of the whole sections.

Associated Custom Options

The extension embeds the associated options functionality allowing to create a bundle offer and associate custom options with existing products in your store.

Custom Options Export and Import

You are able to create a backup of all created custom options to be saved locally or used for other store. Linked to product SKUs custom options can be imported successfully after a backup file is uploaded to the store.



Product Options Templates and Mass Actions

The product options templates functionality allows to add and manage options templates, update custom options within templates using the mass actions tool. The tool allows to copy custom options and apply to multiple products in bulk, replace or append options within templates.

Advanced Options Pricing, SKUs, Weight and Setup Fees

All custom options can have their own prices. You can set up tier prices to provide product options at lower prices for a bulk purchase. You are able to override, remove or add options prices, SKUs or weight to calculate and display necessary data on product pages, checkout and order. You can also enable setup fees based on custom options to add option's price one time.

Images for Dropdown, Radio Buttons, Check Boxes and Multiple Select. Color Selector

The extension allows to upload custom images for certain options such as Dropdown, Radio Buttons, Check Boxes and Multiple Select. Just pick a necessary image from your PC and apply it to the option. The extension also has an ability to reload the base image with the chosen option. You can also add solid colors per option using the color selector.

Text and Color Swatches, Tooltips

The plugin enables text and color swatches per certain field types. You can create tooltips per each option via the WYSIWYG editor to show some hints or additional information with pictures.

Advanced Design Editors

The built-in CSS and JS editors help to customize options appearance without editing core files.

2. Installation

2.1. System Requirements

The extension requires Magento 2.x

2.2. Installation

The extension is provided as a .zip archive with the source code and the installation instructions.

Unpack the source code into **/app/code/Itoris/Itoris_DynamicProductOptions/** folder on your server. And run the following commands in the SSH console:

```
php bin/magento module:enable --clear-static-content Itoris_DynamicProductOptions  
php bin/magento setup:upgrade
```

Then log into Magento backend and flush cache in **System -> Cache Management -> Flush Magento Cache**

If you experience any issues with the extension installation please contact us here -

<https://www.itoris.com/contact-us.html>

2.3. License

The extension has full open source code. One license/purchase can be used on a single production Magento2 website and its development instances. The extension can be customized for the license owner needs. Redistribution of the extension or its parts is not allowed. Please read more details here -

<https://www.itoris.com/magento-extensions-license.html>

3. How to Use

3.1. General Settings

The extension provides its general configuration following **STORES > Settings > Configuration > ITORIS EXTENSIONS > Dynamic Product Options**. You can configure the general setting for the entire store or per store view.

Extension Enabled – enables or disables the extension functionality.

The screenshot shows the 'Configuration' page in the ITORIS system. On the left is a vertical sidebar with navigation icons for Dashboard, Sales, Products, Customers, Marketing, Content, Reports, Stores (highlighted with a red box), System, and Find Partners & Extensions. The main content area is titled 'Configuration' and includes a search icon, a notification bell, and a user profile 'admin'. Below this is a 'Store View' dropdown set to 'Default Config' and a 'Save Config' button. A list of configuration categories is shown on the left, with 'Dynamic Product Options' highlighted by a red box. The 'General' section is expanded, showing the 'Extension Enabled' setting for the 'store view' set to 'Yes'. The 'Export / Import' section is also visible below.

3.2. Export / Import Dynamic Options

The extension allows to export or import dynamic custom options with all settings and dependencies via a .json file.

3.2.1 Export Custom Options

The extension allows to create a full backup to save dynamic custom options locally or move options' data to another website via a file. All dynamic product options are linked to products by SKUs. Custom options won't be imported to a store if a product SKU hasn't been found.

Button "Download File" – creates the "DynamicProductOptionsDumpYYYY-MM-DD" backup file to be saved locally.

3.2.2 Import Custom Options

The extension allows to upload options to all products within an entire store. If you can't import product options, make sure you upload a backup file in the valid format and custom options are associated to relevant product SKUs.

Button "Browse" – allows to pick up a file.

Button "Upload File" – uploads a backup to the entire store.

The screenshot shows the ITORIS Configuration interface. On the left is a vertical sidebar with navigation icons for Dashboard, Sales, Products, Customers, Marketing, Content, Reports, Stores, System, and Find Partners & Extensions. The main content area is titled 'Configuration' and includes a search icon, a notification bell, and a user profile 'admin'. Below this is a 'Store View: Default Config' dropdown and a 'Save Config' button. The 'Dynamic Product Options' section is expanded, showing 'GENERAL', 'ITORIS EXTENSIONS', 'General Settings', and 'Dynamic Product Options'. The 'Export / Import' sub-section is highlighted with a red box. It contains an 'Export' section with a 'Download File' button and an 'Import' section with a 'Browse...' button (showing 'No file selected.') and an 'Upload File' button.

3.3. Product Options Configuration

All the "Dynamic Product Options" management takes place following **PRODUCTS > Inventory > Catalog > {some product} > Dynamic Product Options.**

The product options configuration is divided into several sections to simplify the options' customization in a rapid and convenient way.

3.3.1 Product Options Templates

The extension allows to create, edit and apply custom options templates to multiple products in bulk.

Load Existing Template – allows to pick up an existing options template from the list. After the template is uploaded, created custom options will be available on the same page in the "Options Configuration" section. Also the extension allows to apply multiple options templates to the same product.

Method – provides four uploading templates' methods:

- **Replace and leave options editable** – the chosen template replaces all current custom options for a particular product. The method allows to edit uploaded options within the "Options Configuration" section.
- **Append and leave options editable** – the chosen template appends custom options to the product without removing existing ones. The method allows to edit options within the "Options Configuration" section.
- **Replace and associate to template** – the chosen template replaces the current custom options disabling the "Options Configuration" section. You can make all necessary changes within the options template only and then apply it to the product(s).

- **Append and associate to template** – the chosen template appends custom options to the product disabling the "Options Configuration" section. You can make necessary changes within the template only and then apply it to the product(s).

Button "Load" – allows to upload the chosen template within a selected method.

Update Existing Template – allows to overwrite and update the chosen template in dropdown. Just select a necessary template in the list and click **button "Update"**. The updated template will inherit the current custom options.

Or Create a New Template – allows to add a new template based on the current dynamic options settings. You can enter the template's name in input box and click **button "Create New Template"**.

3.3.2 Options Appearance

The Dynamic Product Options extension allows to manage the options' form style and appearance.

There are three Form Styles available:

- **List DIV-based** – simple structure. Options go one per row.
- **Table-based** – table structure. Options can go in several rows and columns.
- **Table-based with sections** – table structure. Options are divided into sections, each having its own options' table and title.

The extension provides the following appearances:

- **On Product View** – the options will be displayed on product pages, below the main product details.
- **In a Popup after clicking "Add to Cart"** – the options will be displayed in a modal window after clicking **button "Add to Cart"**.
- **In a Popup after clicking "Configure"** – the options will be displayed in a modal window after clicking **button "Configure"** on a product view.

3.3.3 Relative, Absolute and Fixed Pricing

You are able to apply three different types of pricing to the whole set of custom options:

Relative Pricing – the final price includes the initial product price and its paid custom options.

Absolute Pricing – the final price doesn't include the initial product price adding up custom option prices only.

Fixed Pricing – the final price is formed by the initial product price only.

3.3.4 Relative, Absolute and Fixed SKU

Product SKUs can be displayed in orders in three different ways:

Relative SKU – is formed as a base product SKU plus all SKUs of chosen options divided by hyphen. Relative SKUs will look as follow: {baseSKU}-{option3SKU}-{option5SKU}-etc.

Absolute SKU – removes the product SKU making all SKUs of chosen options available: {option3SKU}- {option5SKU}-etc.

Fixed SKU – makes the product SKU available only: {baseSKU}.

3.3.5 Relative, Absolute and Fixed Weight

The extension allows to set one of the three types of product weight allowing to calculate the delivery cost in different ways.

Relative Weight – the delivery cost includes the initial product weight and the weight of chosen options.

Absolute Weight – the delivery cost is formed by the options' weight only.

Fixed Weight – the delivery cost is formed by the initial product weight only.

3.3.6 Options Configuration

The options configuration is available in the same section "Dynamic Product Options" below the templates' settings.

By default there is one section that has a table with 3 columns and 3 rows. You can add more sections by clicking the "Add New Section" button.

Each section will have its own table with a set of options.

You can also configure or translate options for different store views. For more information about options translation please refer to **Chapter 3.12 "Options Translation"**.

Engelmann Acoustic Guitar

Options Configuration

Section Label: Remove

Visibility: Make it: If:

Columns: Rows:

Dexterity:* <input type="radio"/> Right <input type="radio"/> Left	ID: F1 Visible	Number of Strings:* -- Please Select --	ID: F2 Visible
Multiscale fanned frets:* <input type="radio"/> Yes <input type="radio"/> No	ID: F3 Visible	Scale length:* -- Please Select --	ID: F4 Visible

CSS Adjustments (for advanced use only)

Section Label – the section's title your customers will see. To remove the section click link "**Remove**".

There is ability to create conditional branching for options – make options' behavior depend on what has been selected previously. Each option provides this ability with the "**Visibility**", "**Make it**" and "**If**" settings.

- There are 3 types of "**Visibility**":
 - Visible
 - Hidden
 - Disabled
- Also choose setting "**Make it**":
 - Hidden
 - Disabled
- **If** – press the "edit" icon next to the field to create a condition.

There are 2 dropdowns above each section – **Columns** and **Rows**. You can select a number of columns and/or rows for the table. You are able to change the options' position by dragging and dropping options to a necessary cell in the section.

To remove all product's options and sections click the "**Remove All**" button.

To create a new option, please, choose the "**edit**" icon in one cell. Click it to see the available option's configuration.

3.3.7 General Settings

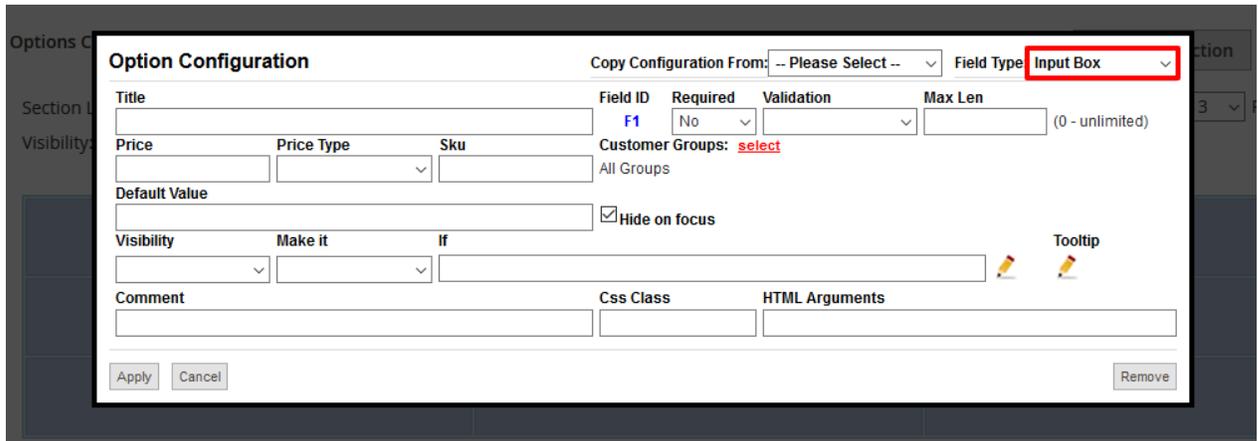
All options share a number of settings while the rest are unique for each of them.

- **Copy Configuration From** – you can copy the option's configuration from an existing one.
- **Title** – the option's name or label your customers will see.
- **Field ID** – this ID is for information purposes and for dependent fields' rules.
- **Required** – select if the option is required or not.
- **Price** – if the option's selection implies increased price, then set it here.
- **Price Type** – select if the additional charge should be fixed or percentage from the product's price.
- **SKU** – enter the option's Sku if needed.
- **Customer Group** – options can be set to be available for a selected customer group(s) only. For example, you want additional information to be entered by wholesale customers only. Select which customer group(s) will see the option.
- **Visibility, Make it** – this setting is for conditional branching. You can make the field visible by default and make it hidden if a condition is met (and create the condition), and vice versa.
- **Tooltip** – allows to insert a description, tables, images, links per field via the built-in WYSIWYG editor. For more information please refer to Chapter 3.11
- **Comment** – enter your comments here.
- **CSS Class** – if you want to apply your customer CSS class enter it here.
- **HTML Argument** – add your own arguments to the HTML tag of the field.

Click **button "Apply"** to add the option to a product, **"Cancel"** to go back without changing the option or **"Remove"** to delete the option.

3.3.8 Properties of Input Box

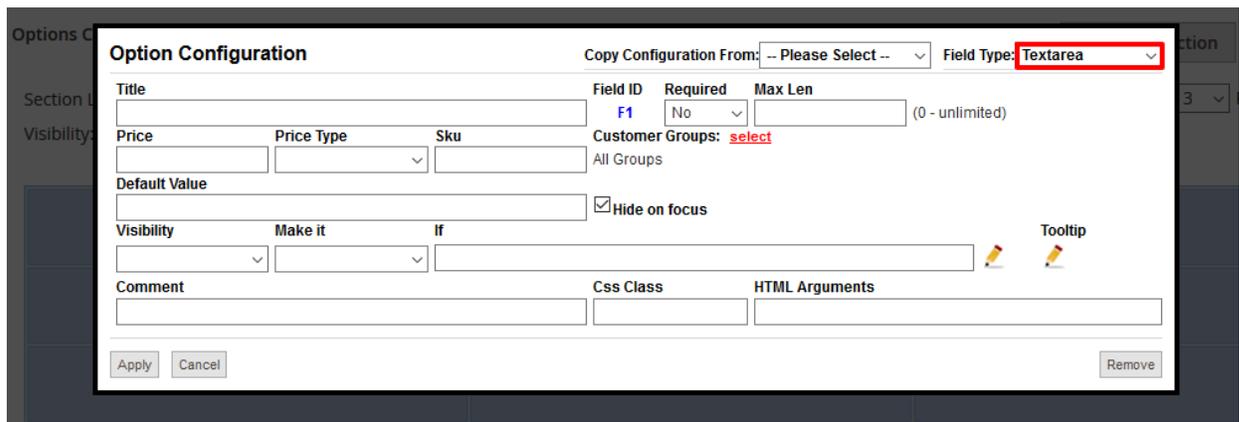
To create an input box select **"Input Box"** in dropdown. The following additional settings will be available (for the general settings please see **Chapter 3.3.7**):



- **Validation** – choose the validation rule. The following validation rules are available:
 - Email
 - Number
 - Money
 - Phone
 - Zip Code
- **Max Len** – the maximum number of characters are allowed to be entered.
- **Default Value** – the text to be displayed in the field by default.
- **Hide on focus** – the default text will disappear as soon as the field is on focus, when this checkbox is selected.

3.3.9 Properties of Textarea

To create a textarea select **"Textarea"** in dropdown. The following additional settings will be available (for the general settings please see **Chapter 3.3.7**):



- **Default Value** – the text to be displayed in the field by default.
- **Hide on focus** – the default text will disappear as soon as the field is on focus, when this checkbox is selected.

3.3.10 Properties of File

To add a file select "File" in dropdown. The following additional settings will be available (for the general settings please see **Chapter 3.3.7**):

- **Allowed File Extensions** – enter which types of files are allowed for uploading. For instance, png, jpg, jpeg, gif, etc. Add allowed file extensions separated by comma.
- **Maximum Image Size** - if images are planned to be uploaded, you can set the maximum width and height of the images in px.

3.3.11 Properties of Dropdown

To add a dropdown select "Dropdown". For the general settings please see **Chapter 3.3.7**.

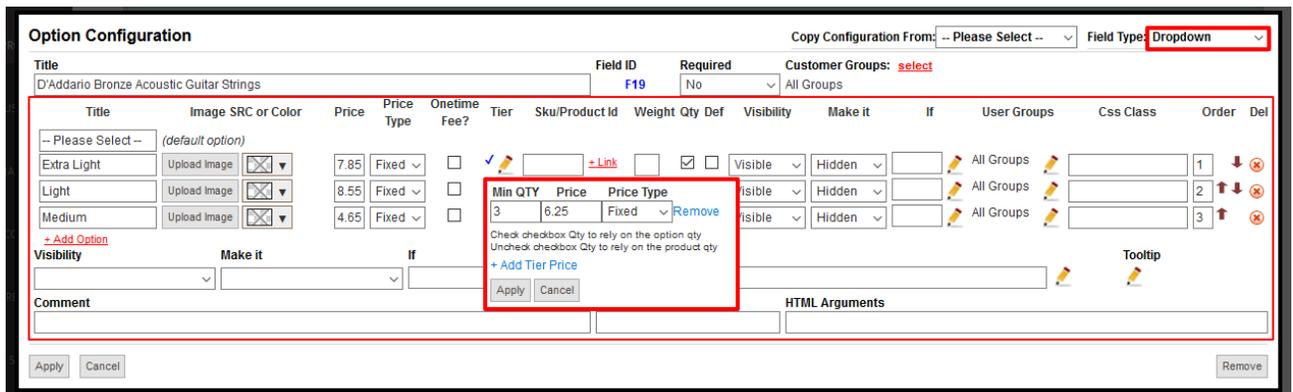
Title	Image SRC or Color	Price	Price Type	Onetime Fee?	Tier	Sku/Product Id	Weight	Qty	Def	Visibility	Make it	If	User Groups	Css Class	Order	Del
-- Please Select -- (default option)		0	Fixed							Visible	Hidden		All Groups		1	↓
Orange		0	Fixed							Visible	Hidden		All Groups		2	↑ ↓
Purple		0	Fixed							Visible	Hidden		All Groups		3	↑ ↓
Blue		0	Fixed							Visible	Hidden		All Groups		4	↑ ↓
Brown		0	Fixed							Visible	Hidden		All Groups			⊗

To add more options click link "Add Option".

Each option will have the following settings:

- **-- Please Select --** – allows to customize the "Please Select" options' title.
- **Title** – the option's name.

- **Image SRC** – allows to upload the image here. Click button **"Upload Image"** and pick up a necessary file. The extension also enables the search field in the dropdown. For more details please refer to **Chapter 3.10**.
- **Color** – allows to choose a solid color via the color selector. Please refer to **Chapter 3.10**.
- **Base Img?** – allows to replace the base product image with the chosen option.
- **Price** – this is the additional charge to be set when this dropdown's option is selected.
- **Price Type** – the type of the charge (fixed/percent).
- **Onetime Fee?** – the option's price is added once regardless of the product quantity in the cart.
- **Tier** – you can set up tier prices if you want to provide a lower price for a bulk purchase. Click the **"edit"** icon for more details.



Title	Image SRC or Color	Price	Price Type	Onetime Fee?	Tier	Sku/Product Id	Weight Qty Def	Visibility	Make it	If	User Groups	Css Class	Order	Del
-- Please Select -- (default option)	Upload Image	7.85	Fixed	<input type="checkbox"/>	<input checked="" type="checkbox"/>			Visible	Hidden		All Groups		1	
Extra Light	Upload Image	8.55	Fixed	<input type="checkbox"/>	<input checked="" type="checkbox"/>			Visible	Hidden		All Groups		2	
Medium	Upload Image	4.65	Fixed	<input type="checkbox"/>	<input checked="" type="checkbox"/>			Visible	Hidden		All Groups		3	

The extension allows to change options quantities within the set tier prices rules. Check the **"Qty"** checkbox to make the quantity input box available for options, or leave checkbox clear to rely on the product quantity.

You are able to apply a number of tier prices' rules per option. Click link **"+ Add Tier Price"**. In field **"Min QTY"** enter the minimum quantity of the option. Then enter the custom product price in **"Price"**.

In dropdown **"Price Type"** select if the additional charge should be fixed or percentage from the product's price. Then click button **"Apply"** to apply the option or button **"Cancel"** to go back. You can also click link **"Remove"** to delete the tier prices.

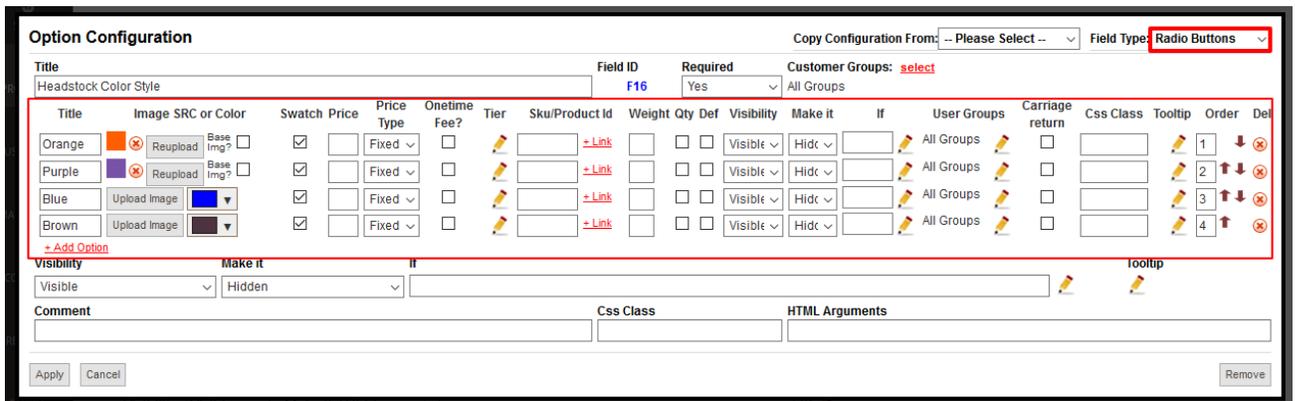
The product price will be updated on the product view automatically if you change the product's quality within the configured tier prices.

- **Sku/Product Id** – allows to associate options to other products. Add option's Sku or click "Link" to find a product(s) and then "Select". Please refer to **Chapter 3.8 Product Associated Options**.
- **Weight** – the extension allows to add weight for a tangible product. You can also override the option's weight to calculate the proper shipping weight and price on checkout.
- **Qty** – using the extension you can enable the quantity for options, i.e. let customers to choose how many products they need to order along with the main product.
- **Def** – the option is selected by default.
- **Visibility, Make it... If...** – ability to create conditional branching and make options visible or hidden, depending on the selected conditions.
- **Tooltip** – allows to insert a description, tables, images, links per option via the built-in WYSIWYG editor. For more information please refer to Chapter 3.11

- **User Groups** – the dropdown option will be visible for a selected customer group(s) only.
- **CSS Class** – if you want to apply your custom CSS class enter it here.
- **Order** – choose the order of your options.
- **Del** – you can delete this option.

3.3.12 Properties of Radio Buttons

To add radio buttons select "**Radio Buttons**" in dropdown. For the general settings please see **Chapter 3.3.7**:



To add more options click link "**+Add Option**".

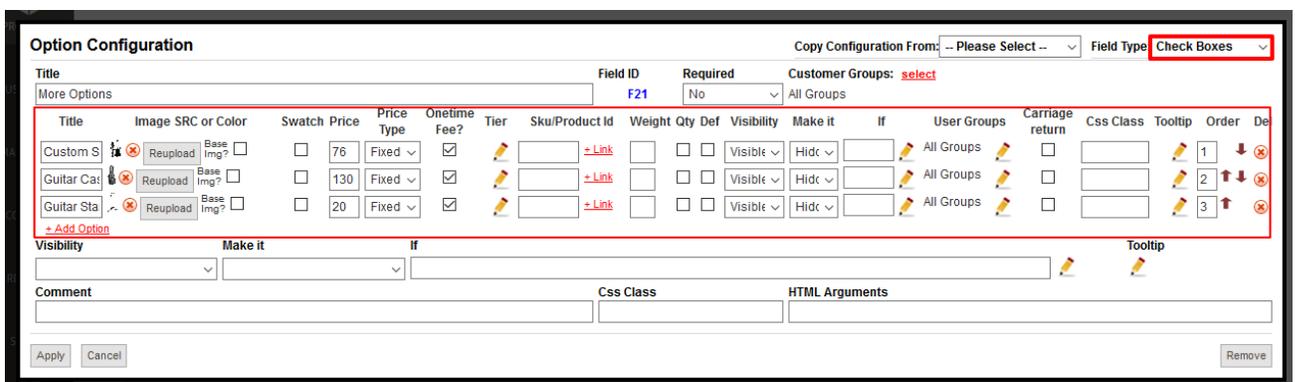
Each option will have the following settings:

- **Title** – the option's name.
- **Image SRC** – allows to upload the image here. Click button "**Upload Image**" and pick up a necessary file.
- **Color** – allows to choose a solid color via the color selector. Please refer to **Chapter 3.9 Color Swatches**.
- **Base Img?** – allows to replace the base product image with the chosen option.
- **Swatch** – enables custom color and text swatches on the product view.
- **Price** – this is the additional charge to be set when this option is selected.
- **Price Type** – the type of the charge (fixed/percent).
- **Onetime Fee?** – the option's price is added once regardless of the product quantity in the cart.
- **Tier** – please refer to **Chapter 3.3.11 Properties of Dropdown**.
- **Sku/Product Id** – allows to associate options to other products. Add option's Sku or click "Link" to find a product(s) and then "Select". Please refer to **Chapter 3.8 Product Associated Options**.
- **Weight** – the extension allows to add weight for a tangible product. You can also override the option's weight to calculate the proper shipping weight and price on checkout.
- **Qty** – using the extension you can enable the quantity for options, i.e. let customers to choose how many products they need to order along with the main product.
- **Def** – the option is selected by default.
- **Visibility, Make it... If...** – ability to create conditional branching and make options visible or hidden, depending on the selected conditions.

- **User Groups** – the option will be visible for a selected customer group(s) only.
- **Carriage return** – this setting allows to organize radio buttons in rows. If you want them to go in one line, do not check it. But if you want them to go in rows, two radio buttons in each, select each check box.
- **CSS Class** – if you want to apply your custom CSS class enter it here.
- **Tooltip** – allows to insert a description, tables, images, links per option via the built-in WYSIWYG editor. For more information please refer to Chapter 3.11
- **Order** – choose the order of your options.
- **Del** – you can delete this option.

3.3.13 Properties of Check Boxes

To add checkboxes select "**Check Boxes**" in dropdown. For the general settings please see **Chapter 3.3.7**:



The screenshot shows the 'Option Configuration' interface. At the top right, the 'Field Type' dropdown is set to 'Check Boxes'. Below this is a table with the following columns: Title, Image SRC or Color, Swatch, Price, Price Type, Onetime Fee?, Tier, Sku/Product Id, Weight, Qty, Def, Visibility, Make it, If, User Groups, Carriage return, Css Class, Tooltip, Order, and De. The table contains three rows of options: 'Custom S...', 'Guitar Cas...', and 'Guitar Sta...'. Each row has a 'Reupload' button, a 'Base Img?' checkbox, and various input fields for the other properties. Below the table are sections for 'Visibility', 'Make it', 'If', 'Tooltip', 'Comment', 'Css Class', and 'HTML Arguments'. At the bottom left are 'Apply' and 'Cancel' buttons, and at the bottom right is a 'Remove' button.

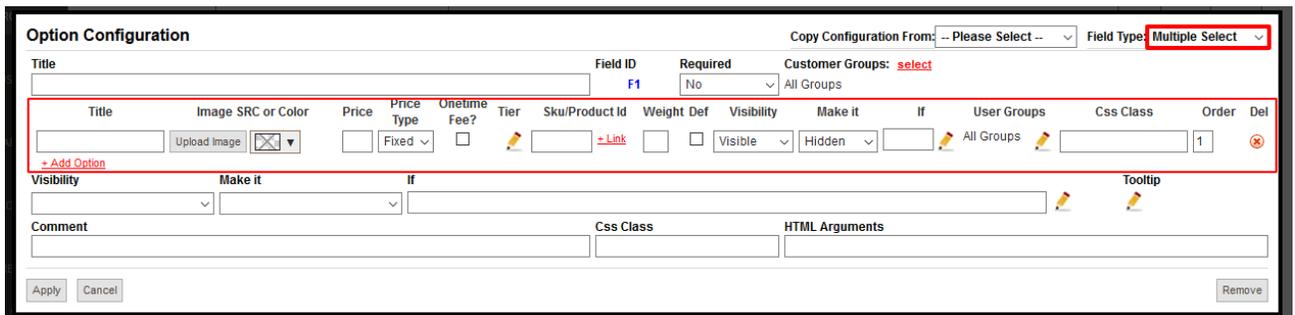
The Check Boxes have the following options:

- **Title** – the option's name.
- **Image SRC** – allows to upload the image here. Click button "**Upload Image**" and pick up a necessary file.
- **Color** – allows to choose a solid color/product via the color selector. Please refer to **Chapter 3.9 Color Swatches**.
- **Base Img?** – allows to replace the base product image with the chosen option.
- **Swatch** – enables custom color and text swatches on the product view.
- **Price** – this is the additional charge to be set when this option is selected.
- **Price Type** – the type of the charge (fixed/percent).
- **Onetime Fee?** – the option's price is added once regardless of the product quantity in the cart.
- **Tier** – please refer to **Chapter 3.3.11 Properties of Dropdown**.
- **Sku/Product Id** – allows to associate options to other products. Add option's Sku or click "Link" to find a product(s) and then "Select". Please refer to **Chapter 3.8 Product Associated Options**.
- **Weight** – the extension allows to add weight for a tangible product. You can also override the option's weight to calculate the proper shipping weight and price on checkout.
- **Qty** – using the extension you can enable the quantity for options, i.e. let customers to choose how many products they need to order along with the main product.

- **Def** – the option is selected by default.
- **Visibility, Make it... If...** – ability to create conditional branching and make options visible or hidden, depending on the selected conditions.
- **User Groups** – the option will be visible for a selected customer group(s) only.
- **Carriage return** – this setting allows organizing check boxes in rows. If you want them to go in one line, do not check it. But if you want them to go in rows, two check boxes in each, select each check box.
- **CSS Class** – if you want to apply your custom CSS class enter it here.
- **Tooltip** – allows to insert a description, tables, images, links per option via the built-in WYSIWYG editor. For more information please refer to Chapter 3.11
- **Order** – choose the order of your options.
- **Del** – you can delete this option.

3.3.14 Properties of Multiple Select

To add a multiple select choose "**Multiple Select**" in dropdown. For the general settings please see **Chapter 3.3.7**:



After choosing "Multiple Select" you can add more options. Click link "**+ Add Option**".

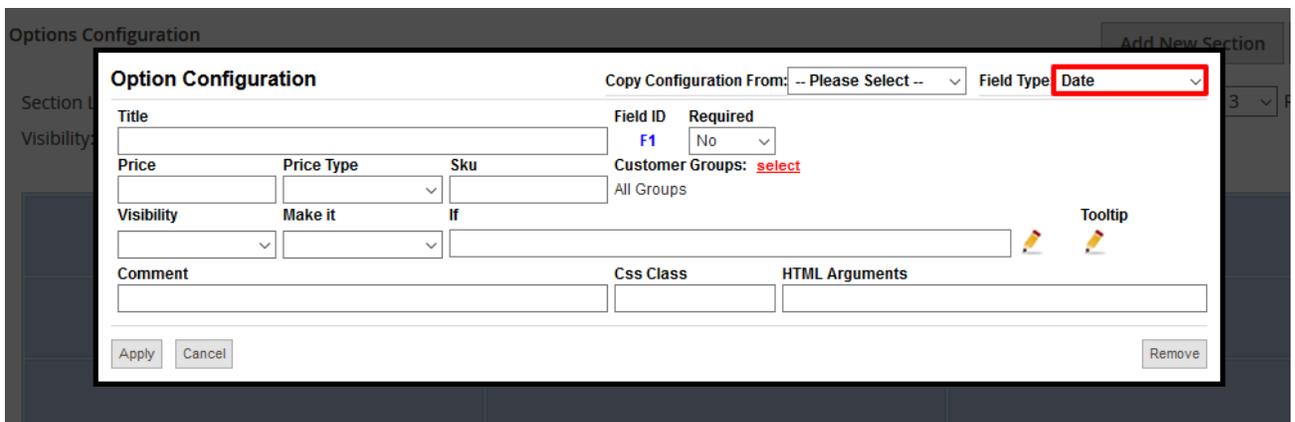
Each option will have the following settings:

- **Title** – the option's name.
- **Image SRC** – allows to upload the image here. Click button "**Upload Image**" and pick up a necessary file.
- **Color** – allows to choose a solid color via the color selector. Please refer to **Chapter 3.9 Color Swatches**.
- **Base Img?** – allows to replace the base product image with the chosen option.
- **Swatch** – enables custom swatch on the product view.
- **Price** – this is the additional charge to be set when this option is selected.
- **Price Type** – the type of the charge (fixed/percent).
- **Onetime Fee?** – the option's price is added once regardless of the product quantity in the cart.
- **Tier** – please refer to **Chapter 3.3.11 Properties of Dropdown**.
- **Sku/Product Id** – allows to associate options to other products. Add option's Sku or click "Link" to find a product(s) and then "Select". Please refer to **Chapter 3.8 Product Associated Options**.

- **Weight** – the extension allows to add weight for a tangible product. You can also override the option's weight to calculate the proper shipping weight and price on checkout.
- **Def** – the option is selected by default.
- **Visibility, Make it... If...** – ability to create conditional branching and make options visible or hidden, depending on the selected conditions.
- **User Groups** – the option will be visible for a selected customer group(s) only.
- **CSS Class** – if you want to apply your custom CSS class enter it here.
- **Order** – choose the order of your options.
- **Del** – you can delete this option.

3.3.15 Properties of Date

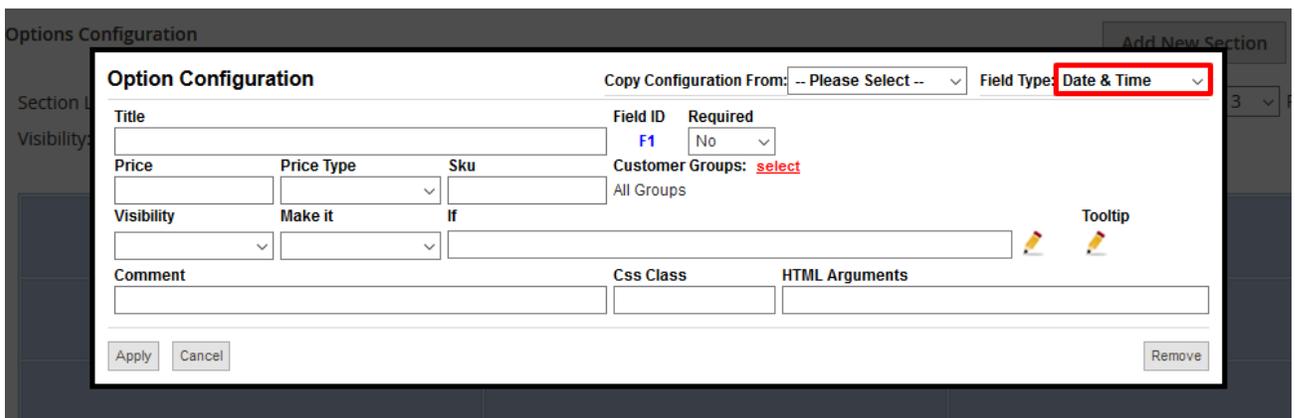
To add a date selection option choose **"Date"** in dropdown. For the general settings please see **Chapter 3.3.7**. This option adds an input box and date selector (calendar).



The screenshot shows the 'Option Configuration' dialog box. The 'Field Type' dropdown is set to 'Date'. The form includes fields for Title, Field ID (F1), Required (No), Price, Price Type, Sku, Customer Groups (select), Visibility, Make it, If, Comment, Css Class, and HTML Arguments. There are also 'Apply', 'Cancel', and 'Remove' buttons.

3.3.16 Properties of Date & Time

To add a date and time selection option choose **"Date and Time"** in dropdown. For the general settings please see **Chapter 3.3.7**. This option adds an input box, date and time selector (calendar).



The screenshot shows the 'Option Configuration' dialog box. The 'Field Type' dropdown is set to 'Date & Time'. The form includes fields for Title, Field ID (F1), Required (No), Price, Price Type, Sku, Customer Groups (select), Visibility, Make it, If, Comment, Css Class, and HTML Arguments. There are also 'Apply', 'Cancel', and 'Remove' buttons.

3.3.17 Properties of Time

To add time selection option choose **"Time"** in dropdown. For the general settings please see **Chapter 3.3.7**. This option adds an input box and time selector (calendar).

The screenshot shows the 'Option Configuration' dialog box. At the top right, the 'Field Type' dropdown is set to 'Time' and is highlighted with a red box. The form contains several fields: 'Title', 'Field ID' (set to 'F1'), 'Required' (set to 'No'), 'Price', 'Price Type', 'Sku', 'Customer Groups' (set to 'select'), 'Visibility', 'Make it', 'If', 'Comment', 'Css Class', and 'HTML Arguments'. There are also 'Apply', 'Cancel', and 'Remove' buttons at the bottom.

3.3.18 Properties of Image

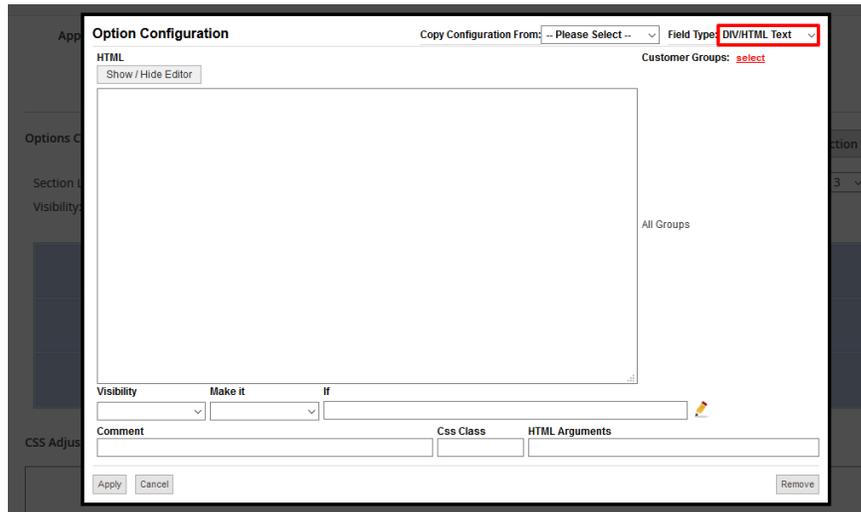
You can add an image by choosing "Image" in dropdown. The following additional settings will be available (for the general settings please see **Chapter 3.3.7**):

The screenshot shows the 'Option Configuration' dialog box with 'Field Type' set to 'Image' and highlighted with a red box. The form includes an 'Image SRC' field with a 'Reupload' button, 'Image Alt' (set to 'Simple Guitar Guide for Custom'), 'Image Title' (set to 'How to Choose an Acoustic Guitar'), and 'Customer Groups' (set to 'select'). Other fields include 'Visibility', 'Make it', 'If', 'Comment', 'Css Class', and 'HTML Arguments'. 'Apply', 'Cancel', and 'Remove' buttons are at the bottom.

- **Upload Image** – select an image to be uploaded.
- **Image ALT** – add alternate text for an image.
- **Image Title** – enter the title of your image.

3.3.19 Properties of DIV/HTML Text

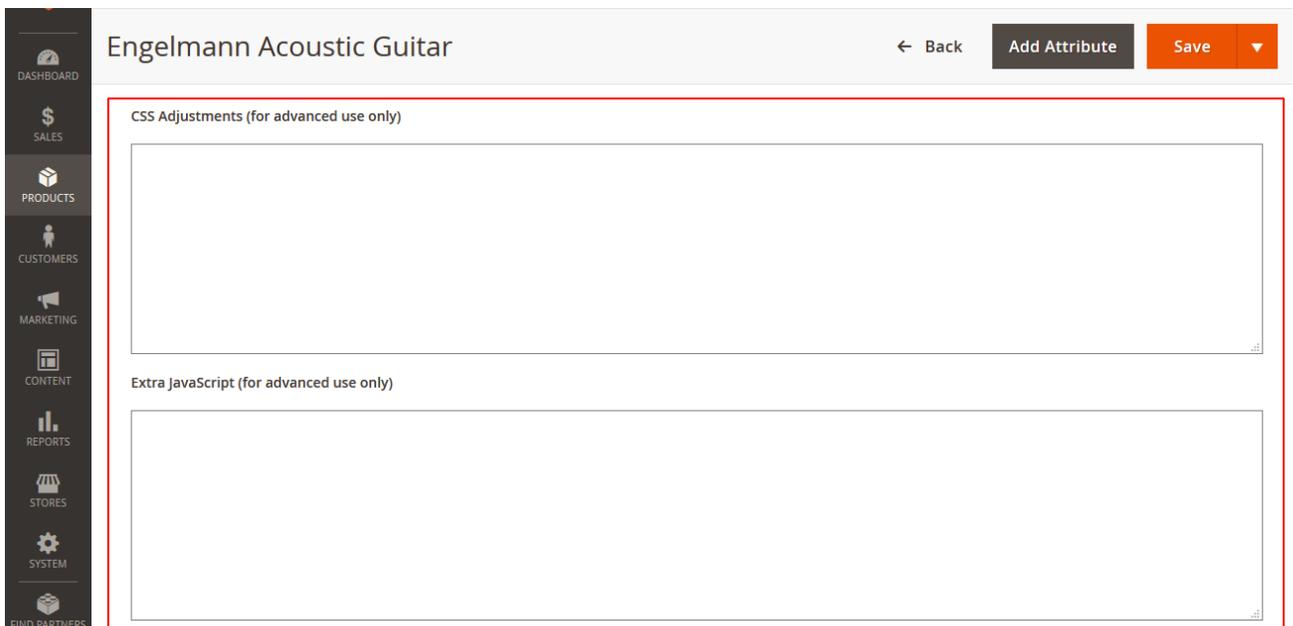
With this element you can embed a video to the options, insert a tracking code, etc. Its main area allows to insert raw HTML.



3.4 Advanced Options Editors

3.4.1 CSS Adjustment (for advanced use only)

The CSS Adjustment textarea will allow to add your own CSS styles on page. This way you can modify the look of options: colors, font size, margins, etc.



3.4.2 Extra JavaScript (for advanced use only)

The Extra JavaScript textarea is used to embed custom JS functionality to form, like 3rd-party widgets, AJAX, custom validation, etc. You need to have the experience in JavaScript to use it.

3.5 Mass Actions

3.5.1 Copy Custom Options 1 to Many

The extension enables the mass actions tool enhancing the process of copying and applying custom options to multiple products in bulk. The mass actions are available following **PRODUCTS > Inventory > Catalog > Mass Actions**.

You are able to apply the same custom options configuration from one product to chosen ones. The **"Copy Custom Options 1 to Many"** action allows to copy saved options and add them to different products. Choose products you need to apply options to and select action "Copy Custom Options 1 to Many".

The screenshot shows the 'Catalog' page with a sidebar on the left containing navigation icons for Dashboard, Sales, Products, Customers, Marketing, Content, Reports, Stores, and System. The main content area has a search bar, an 'Add Product' button, and a table of products. The table has columns for Name, Type, Attribute Set, SKU, Websites, Price, Visibility, Quantity, Status, and Action. Three records are shown, with the first two selected. A dropdown menu is open over the table, showing actions: Delete, Change status, Update attributes, Copy Custom Options 1 to Many (highlighted with a red box), Load Options Template 1 to Many, and a checkbox for '2051'.

Name	Type	Attribute Set	SKU	Websites	Price	Visibility	Quantity	Status	Action
Engelmann Acoustic Guitar	Simple Product	Default	engelmann-guitar-AC420-1	Main Website	\$320.00	Catalog, Search	100.0000	Enabled	Edit
Engelmann Custom Electro Guitar	Simple Product	Default	electr-guitar-004UYL	Main Website	\$1,640.00	Catalog, Search	200.0000	Enabled	Edit
Engelmann Custom Bass Guitar	Simple Product	Default	bass-guitar-0024OM	Main Website	\$1,320.00	Catalog, Search	200.0000	Enabled	Edit

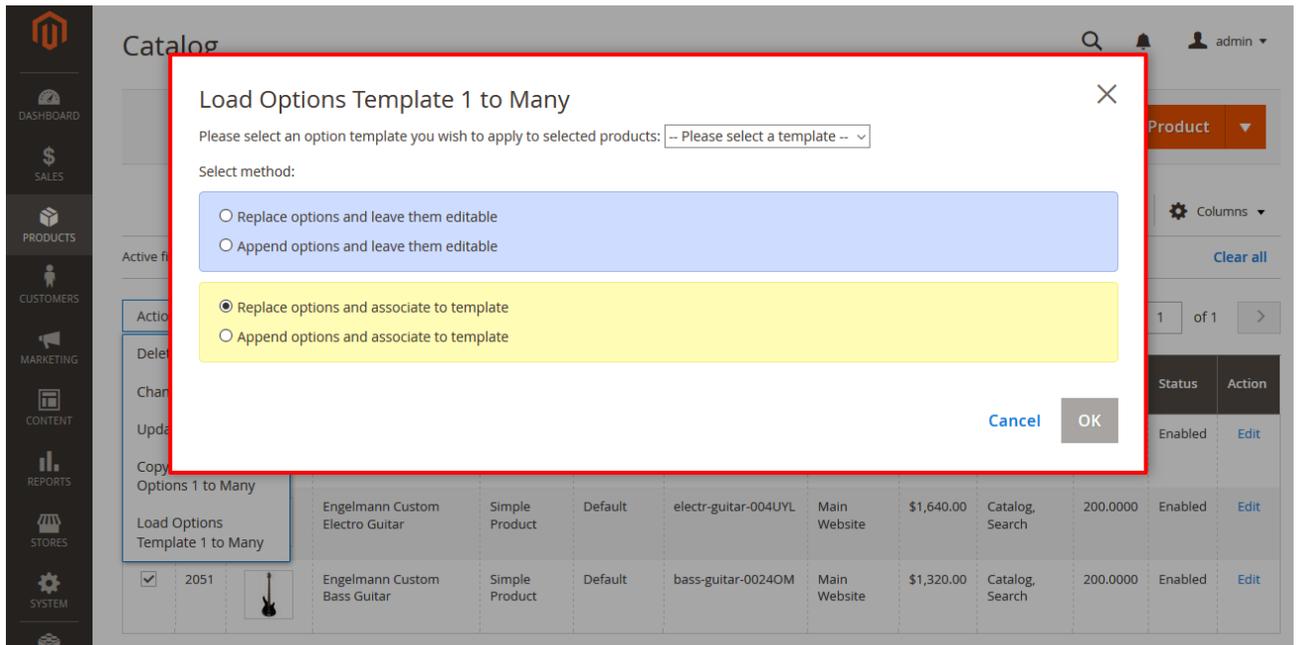
After a modal window appears, enter the product ID you wish to copy options from. Then click "OK" to apply the options.

The screenshot shows the same 'Catalog' page as above, but with a modal window open in the center. The modal has a title 'Copy Custom Options 1 to Many' and a text input field with the placeholder 'Please enter the product Id you wish to copy options from:'. There are 'Cancel' and 'OK' buttons at the bottom right of the modal. The background is dimmed, and the dropdown menu from the previous screenshot is still visible.

3.5.2 Load Options Template 1 to Many

The second mass action allows to place custom options or update options in bulk for products simultaneously. The extension creates, configures options templates and assigns them to specific products in bulk. Please refer to **Chapter 3.6 Product Options Templates**.

The **"Load Options Template 1 to Many"** action applies an options template to a product or multiple products in bulk. After you choose products to add an options template to, select the action.



After the modal window appears, perform the following actions:

1. Select a necessary options template in dropdown you want to copy options from.
2. Choose one of four applying methods:

Replace options and leave them editable – the chosen options template is added to the products removing current custom options. You can configure options without updating them within the template.

Append options and leave them editable – the chosen options template is added to the products without removing existing custom options within the products. You can configure options per product only. The changes made in the template won't be applied to products automatically.

Replace options and associate to template – the chosen options template is added to the products replacing current options automatically. You are able to update custom options within the template only.

The highlighted options configuration sections won't be editable identifying which options templates are inherited.

Engelmann Custom Electro Guitar

[← Back](#)

Add Attribute
Save

Options Configuration

Section Label: [Move Down](#) [Remove](#)

Visibility: Make it: if:

Add New Section
Remove All

Columns: Rows:

This section is not editable and is inherited from template with ID: 1. [Go to template](#)

Dexterity:* <input type="radio"/> Right <input type="radio"/> Left ID: F1 Visible	Number of Strings:* <input type="text" value="-- Please Select --"/> ID: F2 Visible
Multiscale fanned frets:* <input type="radio"/> Yes <input type="radio"/> No ID: F3 Visible	Scale length:* <input type="text" value="-- Please Select --"/> ID: F4 Visible

Section Label: [Move Up](#) | [Move Down](#) [Remove](#)

Visibility: Make it: if:

Columns: Rows:

This section is not editable and is inherited from template with ID: 1. [Go to template](#)

Wood:* <input type="text" value="-- Please Select --"/> ID: F5 Visible
Top Wood:* <input type="radio"/> Mahogany <input type="radio"/> Sitka Spruce <input type="radio"/> Brazilian Rosewood ID: F6 Hidden

Append options and associate to template – the chosen options template is added to the products without removing existing options within the products. You can make changes in the particular template to update all options in the chosen products.

3.6 Product Options Templates

The extension is aimed to simplify options editing for multiple product and provides the advanced options templates functionality. All created options templates are stored following: **PRODUCTS > Inventory > Product Options Templates**.

You can create, edit, clone or remove options templates directly on the grid.

The templates grid provides the following columns:

ID – defines the template's ID.

Template Name – specifies the unique template name.

Products Associated – specifies a number of associated products within templates.

Action – allows to edit, clone or remove the template from the grid.

Button "Add New Templates" allows to create an options template.

You are also able to edit options templates per certain store view.

Magento Admin

Search [Reset Filter](#) 4 records found

20 per page 1 of 1

ID	Template Name	Products Associated	Action
1	custom_guitars	2	<input type="button" value="Edit"/> <input type="button" value="Clone"/> <input type="button" value="Delete"/>
2	custom_bags_design	5	
3	personalized_hoodies	9	
4	custom_backpack	5	

After you open an existing template for editing or click button "Add New Template", the options configuration section remains the same. Please refer to **Chapter 3.3. Product Options Configuration**. You are able to associate an options template to multiple products and make changes in the template only.

If the template has already been associated to products you are able to update necessary options and apply changes to the products. You can track the uploading results on the template's page directly. After all changes are made click button "Save" and check out the updated options in the products.

Magento Admin

Store View: All Store Views

Back Delete Save [Save and Continue Edit](#) [Apply to Products](#)

✓ Template has been saved

Updating template in products: 2 of 2 (100%)

Configuration

Name * custom_guitars

Form Style Table-based with sections Pricing Relative

Appearance On Product View SKU Relative Weight Relative

Options Configuration

Add New Section Remove All

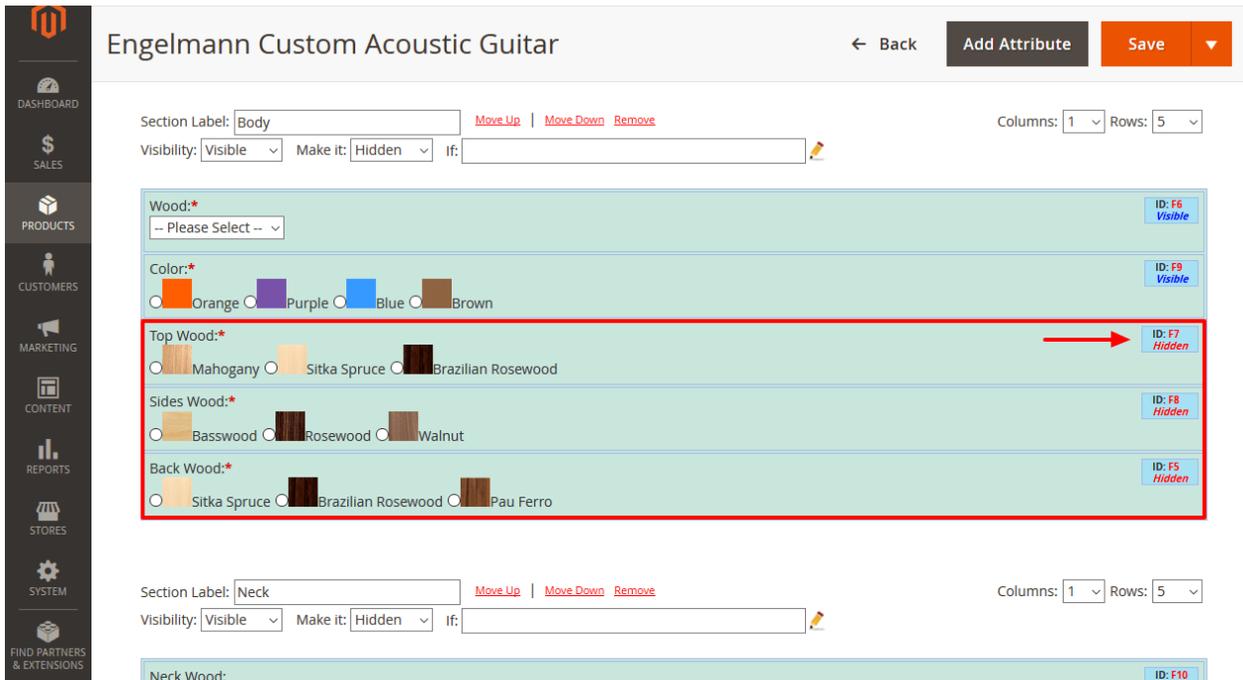
Section Label: General Move Down Remove Columns: 2 Rows: 3

Visibility: Visible Make it: Hidden If:

Dexterity:* ID: F1 Number of Strings:* ID: F2

3.7 Dependent Custom Options

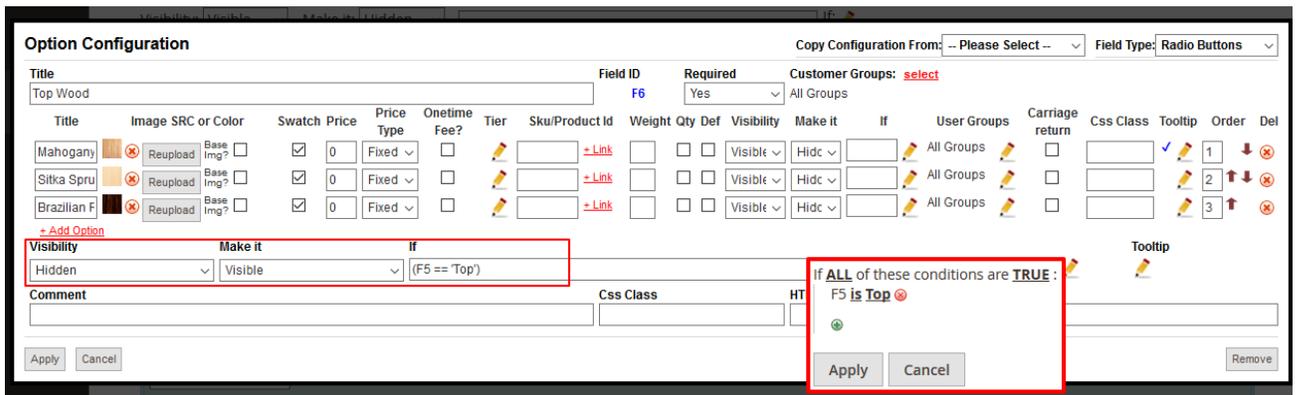
The extension takes the dynamic custom options functionality to the next level and provides the conditional branching for product options. The functionality allows to save space on the product view or offer customers relevant options only by making one option dependent on the other one. You are able to create a chain of dependent options, manage the visibility of a section or hide the whole sections with fields in it based on the previous selection.



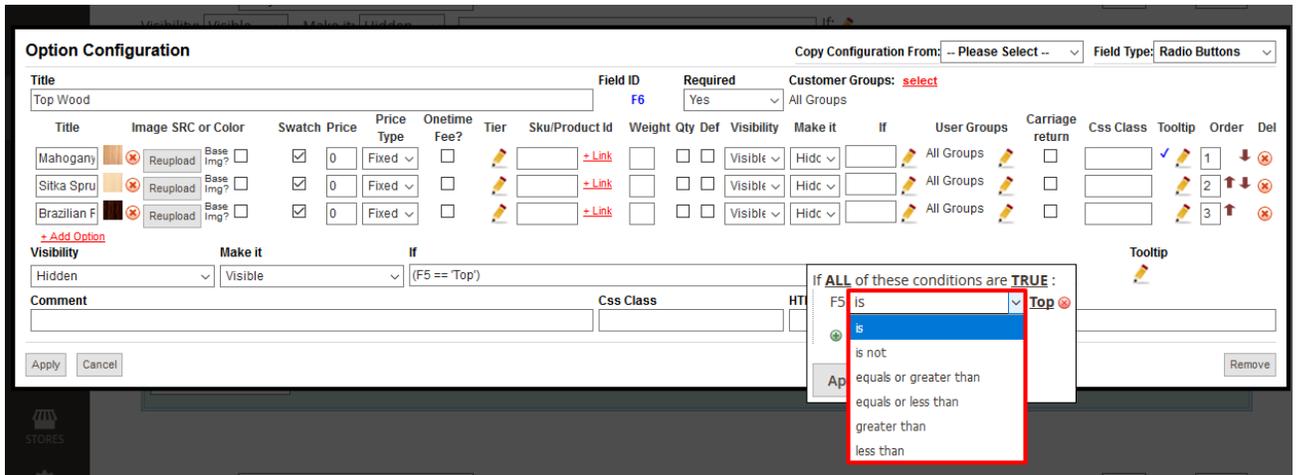
To create dependent options a special condition should be set. Please notice that the hidden options are marked with the "Hidden" title in the screenshot above.

To set the conditional branching you can do the following:

1. Choose a field to make it dependent on Frontend.
2. Open the field for editing and find settings "Visibility" (displays, hides or disables the field on Frontend), "Make it" (displays or hides the field if all conditions are met) and "If" (sets special conditions).



3. Set **Visibility = Hidden, Make it = Visible** and open the condition editor via the **"Edit"** icon.
4. Click "Add" and choose a field in dropdown to add a condition to.
5. Click link "is" and choose a way the condition will be met.
6. Select setting "... " and enter the option's title in the chosen field. The entered option will manage the visibility of the dependent one. The whole condition will look like (F5 =='Top'), where "F5" is field's ID, "==" is the condition, "Top" is the option that hides the current field.
7. Click buttons "Apply" and save the changes.



The conditional branching will look on Frontend as follows:



Engelmann Acoustic Guitar

Be the first to review this product

\$320.00

IN STOCK

SKU#: engelmann-guitar-AC420-1

General

Dexterity *

Right Left

Multiscale fanned frets *

Yes No

Number of Strings *

6 12

Scale length *

24.75" 25" 25.5" 27" 28" 30"

Body

Wood *

Top

Top Wood *



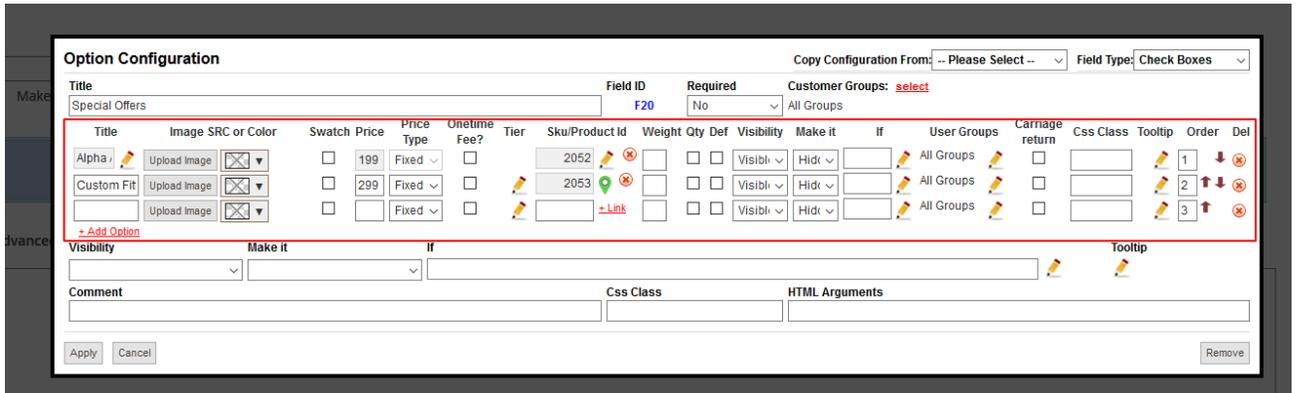
Color *

-- Please Select --

Also you are able to add a complex chain of dependent custom options as well add conditions combinations.

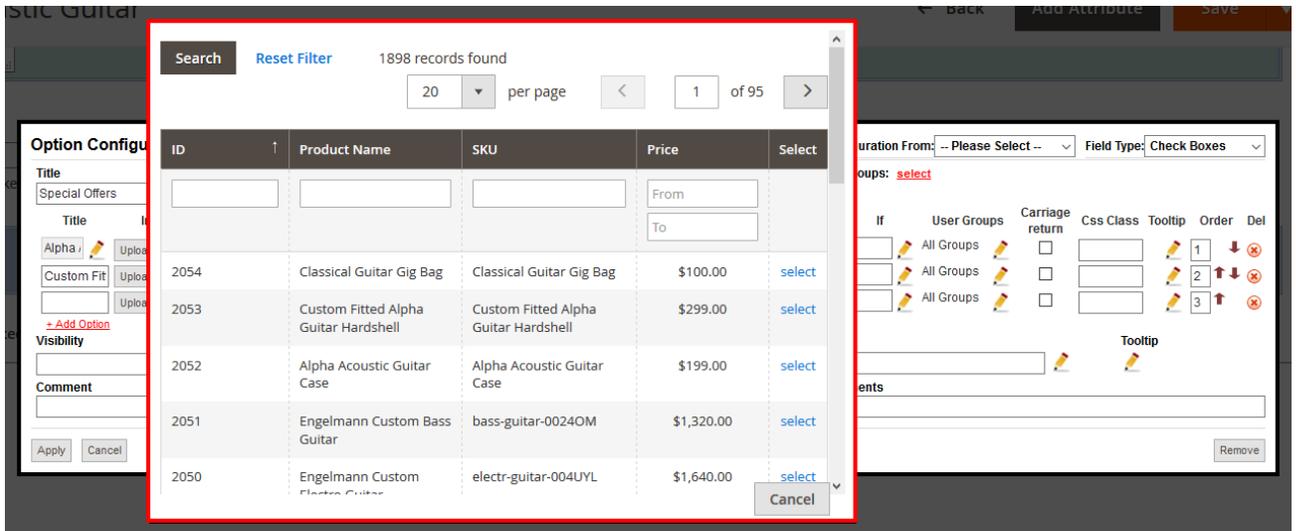
3.8 Product Associated Options

The Dynamic Product Options extension allows to offer more relevant products to your customers by associating options to other products or creating a bundle offer.



To associate options to products you can do the following:

1. Create an option to associate products with. For example, checkboxes, radio buttons, multiple select, etc.
2. In column "Sku/Product Id" click "+Link" to find a necessary product in a popup.



3. To change the associated product's title, price and price type click the "edit" icon next to "Sku/Product Id" column.
4. Click "Apply" and save the changes.

If custom option is associated to a product and pinned to it the option's price, title and SKU will be updated on Frontend automatically once product changed. The SKU of associated product will be displayed next to the option in cart and in order.

Customer will see the additional options on the same product view. If an option is out of stock it will be grayed out and disabled on the frontend. Customer won't be able to select it. If the option has been selected the associated product's inventory will be deducted on checkout. So you get the full inventory support on the options' level.

What's New Women Men Gear Training Sale

Home > Engelmann Acoustic Guitar

Engelmann Acoustic Guitar

Be the first to review this product

\$1,216.00 IN STOCK

SKU#: engelmann-guitar-AC420-1

Special Offers

Alpha Acoustic Guitar Case + \$199.00
Qty:
Buy 5 for \$100.00 each
Buy 6 for \$80.00 each

Custom Fitted Alpha Guitar Hardshell + \$299.00
Qty:

Classical Guitar Gig Bag + \$100.00 (out of stock)

General

Dexterity *
 Right Left

Number of Strings *
-- Please Select --

Multiscale fanned frets *
 Yes No

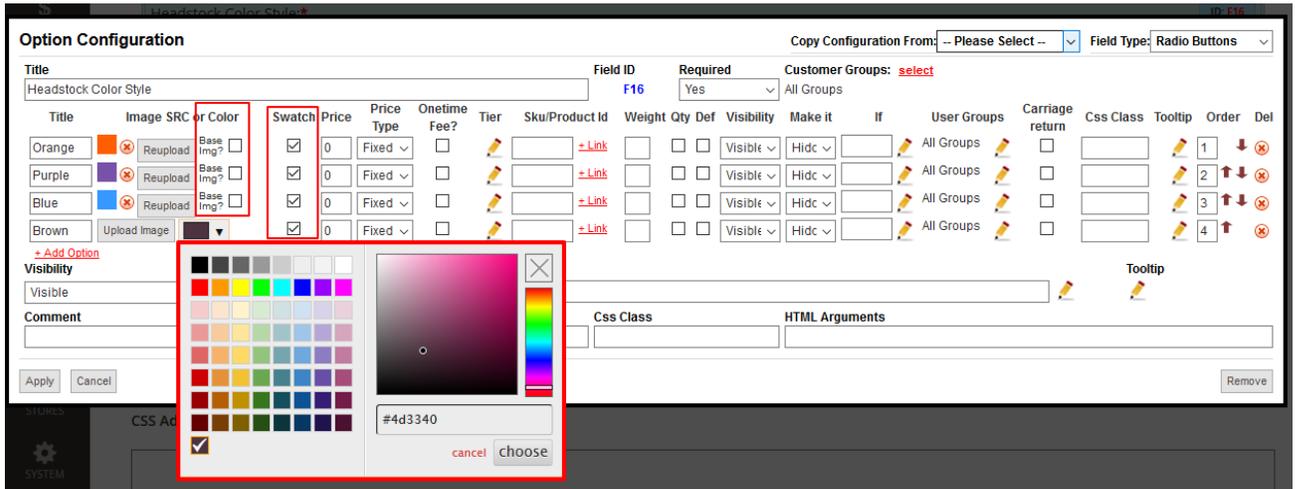
Scale length *
-- Please Select --

In addition, you can enable the quantity for options, i.e. let wholesale customers choose how many cases they want to order along with the guitar. The option price will be multiplied by the quantity selected {option qty} x {option price}.

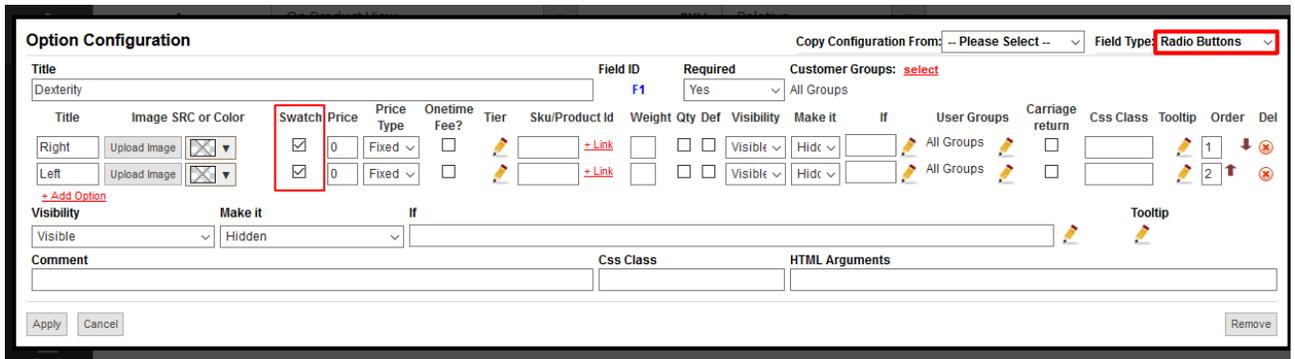
3.9. Image, Color and Text Swatches

The extension enhances the color and text swatches functionality allowing to use a visual color selector per option, enable the swatch setting or reload the Base Image.

You can upload images or specify solid colors via the color selector. To enable the color or image swatch functionality on Frontend, you can mark checkbox in the "Swatch" column. The extension allows to replace the base image with uploaded pictures by checking setting "Base Img?".



If images or colors are not chosen, the extension allows to enable text swatches for radio buttons and check boxes. Just fill in "Title" and mark "Swatch".



This is how the text swatches look on frontend:

What's New
Women
Men
Gear
Training
Sale

Home > Engelmann Acoustic Guitar



Engelmann Acoustic Guitar

Be the first to review this product

\$320.00

IN STOCK

SKU#: engelm-guitar-AC420-1

Dexterity *

Right
Left

Multiscale fanned frets *

Yes
No

Number of Strings *

6
12

Scale length *

24.75"
25"
25.5"
27"
28"
30"

Body

Wood *

-- Please Select --

Color *

-- Please Select --

3.10 Image, Color Swatches and Search Tool for Dropdowns

The extension allows to upload images or choose colors via the color selector as well as supports the swatch functionality for dropdowns.

Option Configuration Copy Configuration From: -- Please Select -- Field Type: Dropdown

Title: Field ID: **F9** Required: Yes Customer Groups: select

Title	Image SRC or Color	Price	Price Type	Onetime Fee?	Tier	Sku/Product Id	Weight	Qty Def	Visibility	Make it	If	User Groups	Css Class	Order	Del
-- Please Select -- (default option)															
Orange	Reupload Base Img?	0	Fixed	<input type="checkbox"/>					Visible	Hidden		All Groups		1	⬇
Purple	Reupload Base Img?	0	Fixed	<input type="checkbox"/>					Visible	Hidden		All Groups		2	⬆
Blue	Upload Image	0	Fixed	<input type="checkbox"/>					Visible	Hidden		All Groups		3	⬆
Brown	Upload Image	0	Fixed	<input type="checkbox"/>					Visible	Hidden		All Groups		4	⬆

Visibility **Make it** **If** **Tooltip**

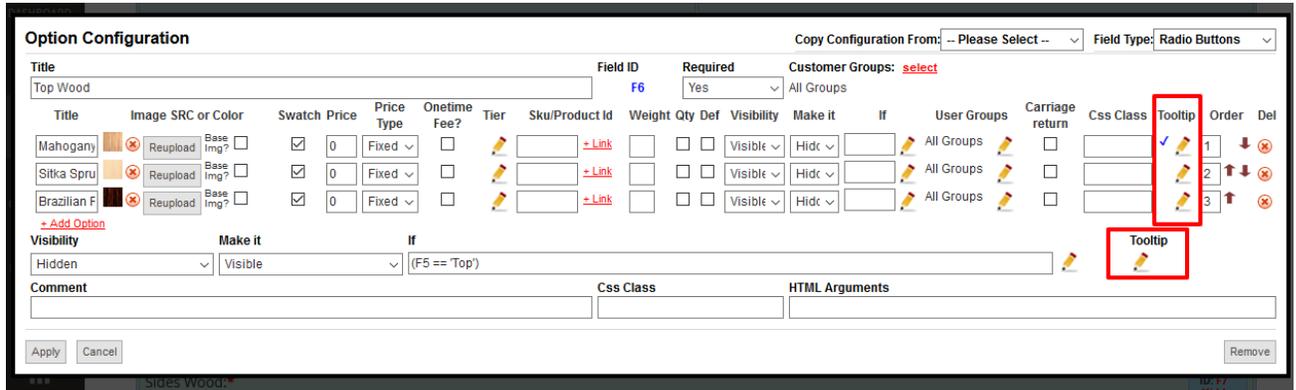
Visible Hidden

Comment **Css Class** **HTML Arguments**

Apply
Cancel
Remove

You can also use the search tool in each dropdown to search for options.

To add texts or images to the whole field, find the edit icon next to the visibility section.



This is how the tooltips look on Frontend:

Home > Engelmann Acoustic Guitar



Engelmann Acoustic Guitar

Be the first to review this product

\$320.00

IN STOCK

SKU#: engelmann-guitar-AC420-1

General

Dexterity *

Right Left

Multiscale fanned frets *

Yes No

Number of Strings *

6 12

Scale length *

28" 30"

Choosing the right body and neck wood is crucial for getting just the tone you want and having the basics in mind when you're buying a new guitar can avoid a fatal decision and greatly improve your tone.

Wood *

Top

Mahogany



Color *

-- Please Select --

3.12. Options Translation

The Dynamic Product Options module extends the editing options' functionality per certain store views. You are able to edit and translate custom options in Backend. There are two ways allowing to translate custom options per a certain store view. You can switch a store view, for example French or German, in the upper-left corner of your product editing page and translate options directly via the DPO editor.

Or use the out-of-box Magento's translator. All labels, texts, comments and option HTML are passed through the following dictionary file `\app\code\Itoris\DynamicProductOptions\i18n\en_US.csv`. Admin can copy the file and add translations to a necessary locale.

3.13 Configure Custom Options in New Order

The extension functionality is also available for placing new orders in the Backend. Admin can configure the chosen product with custom options in popup "Configure Products" directly on the "Create New Order" page.

Configure Product

OK

General

Dexterity * Right Left

Multiscale fanned frets * Yes No

Number of Strings * 6 12

Scale length * 24.75" 25" 25.5" 27" 28" 30"

Body

Wood * -- Please Select --

Color * -- Please Select --

Neck

Neck Wood *

Number of Frets * -- Please Select --

3.14 Product Options on Frontend

3.14.1 Custom Options on Product View

The product with dynamic custom options will look on Frontend as follows:

The screenshot displays the product page for an Engelmann Acoustic Guitar on the LUMA website. The page layout includes a navigation bar with categories like 'What's New', 'Women', 'Men', 'Gear', 'Training', and 'Sale'. The product title is 'Engelmann Acoustic Guitar', priced at \$320.00, with a status of 'IN STOCK' and SKU# 'engelmann-guitar-AC420-1'. The options form is organized into several sections: 'General' with 'Dexterity' (Right/Left) and 'Multiscale fanned frets' (Yes/No); 'Number of Strings' (6/12) and 'Scale length' (24.75"/25"/25.5"/27"/28"/30"); 'Body' with 'Wood' and 'Color' dropdowns; 'Neck' with 'Neck Wood' color swatches and 'Number of Frets' dropdown; 'Headstock' with 'Shape' (Traditional, Alpha (Solid) + \$60.00, Alpha (Rounded Slots) + \$60.00), 'Headstock Color Style' swatches, and 'Veneer' swatches. Below the options is a 'Please Add Your Comments:' field, 'Special Offers' (Alpha Acoustic Guitar Case + \$199.00, Custom Fitted Alpha Guitar Hardshell + \$299.00, Classical Guitar Gig Bag + \$100.00 (out of stock)), a 'Qty' selector set to 1, and an 'Add to Cart' button. At the bottom, there are links for 'ADD TO WISH LIST', 'ADD TO COMPARE', and 'EMAIL'.

3.14.2 Custom Options in Popup

The extension also allows to display all options in a modal window thus saving space for product details. Choose **"In a Popup after clicking "Configure"** in dropdown **"Appearance"** in the options configuration section. Product options can also be configured within a popup appeared after clicking the "Add to Cart" button. After you change the settings click button "Configure" on Frontend.