

Smart Audio Playlists

Themes Customization Guide

Home: www.smartplugins.info/plugin/wordpress/smart-audio-playlists

CodeCanyon: codecanyon.net/item/smart-audio-playlists/7654919

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Disclaimer

This guide is for developers only and it assumes that you are familiar with basics of PHP and WordPress themes files structure to create new templates and make modifications to these files. Techniques explained in this guide are very basic. To help you along, there are two video tutorials on this subject, listed in one of the chapters in this document.

Theme Requirements

For this plugin to work, your theme must have support for custom post types and custom taxonomies. All themes released in the past 2 years should be OK. And 95% of all themes released in the past 5 years should be OK.

Each theme has template files. They have names like: single.php, archive.php, index.php, category.php and more. Based on the content WordPress displays, theme loads appropriate file to display that content. Same thing is used here, to properly display Playlists content, theme needs to load templates that are made for these playlists.

If you use theme that has no templates files and instead of that it is using templates editor where you can build templates and theme loads them from database instead of files. If that is the case, you can't use normal templates based approach, and you should find last chapter in this PDF with information for such themes. Themes that do this are: Thesis, Headway and few other themes.

Directly Supported themes

To make things easier, for some themes plugin already has templates that are compatible with these themes, and it will load these files automatically. For these themes, you don't need to do anything to make the plugin work, it will just work out of the box.

If you use child themes based on the directly supported themes, you are safe and you don't need to do anything. If you made some structural changes to your child theme, you maybe need to adjust templates this plugin need.

List of themes

Plugin supports all Twenty series of themes that are made for WordPress and included with normal WordPress installations. Also, few more themes are included. Over time, plan is to include templates for more themes. Each theme has own directory in plugins **theme** directory. List contains some of the most popular themes for WordPress from Envato's ThemeForest.

- Genesis Framework
- ThemeFusion Avada
- TrueThemes Karma
- Kriesi Enfold
- internq7 U-Design
- TwentyTen
- TwentyEleven
- TwentyTwelve
- TwentyThirteen
- TwentyFourteen
- Meso Column
- Open Strap
- Spacious

Generic Templates

These generic templates are in the **theme** directory. In some cases, generic templates will work with some themes.

Video Tutorials

To help with the integration and customization progress, there are two video tutorials available. Before you proceed, watch these tutorials, and go through the rest of this guide:

- **Create Templates For Your Theme:**
<https://www.youtube.com/watch?v=z6AMziB4qfw>
- **Customize Default Template Parts:**
<https://www.youtube.com/watch?v=JU93Y84Y3Zo>

Templates Plugin Needs

Plugin needs 3 templates:

- **archive-sapplaylist.php:**
This template is used to display single Playlist. It is based on the theme default **single.php** file.
- **single-sapplaylist.php:**
This template is used to display archives for Playlists. It is based on the theme default **archive.php** file.

- **taxindex-sapplaylist.php:**

This template is used to display index of terms for custom taxonomies related to the Playlists. Similar template doesn't exist in WordPress, but in this case **archive.php** is used to get general HTML layout.

Plugin templates loading

By default, plugin hooks into WordPress templates loading. First, it searches in child theme and theme directories for required template. If it is found, that template is loaded. If not, plugin determines if the theme is directly supported, and if it is it loads templates made for that theme. And, if nothing works, plugin will load generic template.

In any case, something will be displayed in the end, even that be generic template. But, if generic template is not compatible with your theme, you need to create templates for your theme.

Creating your own templates

To create templates we need, we will start with existing templates your theme has. The whole process described in the next 3 chapters is also shown in the first video tutorial. Go through that tutorial to see exactly what is done.

Very Important Notice

If, for some reason, you can't do this on your own, you can visit our support forum and open new topic, and we can help you create the templates you need for your theme. Support forum URL is: forum.smartplugins.info/forums/forum/smart/smart-audio-playlists.

Single Playlist Template

Template **single-sapplaylist.php** is the first template we will work with. To get this template, start by making copy of your theme default **single.php** template. So, make a copy of that file and rename it to **single-sapplaylist.php**. Now, we need to customize that new template to match the structure we need for the plugin.

Do not make any changes to single.php file.

Open this new **single-sapplaylist.php** template in your favorite editor. In the same time, open in another editor file **single-sapplaylist.php** that is in the plugins directory: `smart-audio-playlists/themes/single-sapplaylist.php`. As you can see, our generic template is very simple, in fact, only one line in it is needed and related to the plugin. This line looks like this:

```
<?php sap_template_part('single', 'playlist'); ?>
```

This one line needs to replace the whole WordPress loop in the template in your theme. So, in the editor where you have **single-sapplaylist.php** template you created in your theme directory, you need to identify the loop. Loops usually look like this:

Version 1 of the Loop:

```
<?php get_template_part( 'loop', 'single' ); ?>
```

Version 2 of the Loop:

```
<?php if ( ! have_posts() ) : ?>
...
<?php while ( have_posts() ) : the_post(); ?>
...
<?php endwhile;?>
<?php endif; ?>
```

There are many way the loop is made, and it is impossible to list all possible ways it can be identified. When you identify the loop, delete it, and replace it with the single line of code:

```
<?php sap_template_part('single', 'playlist'); ?>
```

That's it, save the file and you are done.

Archive Playlist Template

Process is pretty much the same as with the Single template. But, in this case, you need to make a copy of **archive.php** and create from it **archive-sapplaylist.php**. To identify the loop, use the same approach as for Single Playlist, and loop should look very similar.

Do not make any changes to archive.php file.

But, in this case, you need to replace the loop in this file with:

```
<?php sap_template_part('archive', 'playlists'); ?>
```

Save the file and you are done.

Index Terms Template

This type of template doesn't exist in WordPress and your theme doesn't have anything similar. To create this file, take the file you made previously: **archive-sapplaylist.php** and make a copy of that file and rename it to **taxindex-sapplaylist.php**. Now, in that new file, replace the line:

```
<?php sap_template_part('archive', 'playlists'); ?>
```

With:

```
<?php sap_template_part('index', 'terms'); ?>
```

Save the file and you are done.

Customization of Templates Parts

As you can see, theme templates we created previously are simply function calls that will be used to render the content. To do that, plugin uses more files that are located in the directory called **templates**. There are several files in there, and these files are used to render everything in the front end. This is also covered in the tutorial (links are listed in one of the previous chapters in this document).

To edit files in this templates directory, you must first copy them into your theme directory,

and edit them there.

Non Standrad Themes with no Templates

Themes like Thesis or Headway don't load templates from the theme directory. They are using editors for user to visually create template, they save them into database, and when needed load them from database to display. They will not load templates files and they will not work with this plugin directly.

But, there is a way to make this plugin work with such themes. All these themes allows you to make their own type of templates for single post type post and post type archive. But, instead of normal loop content you need to use block with custom HTML/PHP code, or to use block with some sort of hook. We can't go into details about that, it depends on theme, and you need to consult your theme documentation how to do it, or contact theme support on that. But, here is what each template needs to use instead of normal loop:

Single Playlist:

```
<?php sap_template_part('single', 'playlist'); ?>
```

Archive Playlists:

```
<?php sap_template_part('archive', 'playlists'); ?>
```

Index Playlist Terms:

This third template is a custom template named: **taxindex-sapplaylist.php** with content:

```
<?php sap_template_part('index', 'terms'); ?>
```