

# **Klarna** Payments

Magento2 Module User Guide for v5.0.x

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## 1 Introduction

Klarna has created a Magento Module to fully integrate Klarna Payments. Klarna Payments includes Klarna products within an existing Magento checkout.

## 2 Requirements

- Supported Magento Version
  - Community and Enterprise Editions 2.1
    - Excludes 2.1.3 due to core Magento bugs
    - Klarna Payments is included in the core starting with version 2.2.4. If you are running 2.2.0 - 2.2.3, please upgrade to 2.2.4 and skip the Installation section
- Supported PHP Version
  - 5.6, 7.0, 7.1

**NOTE:** *Klarna strongly recommends PHP 7.1 or higher and Magento 2.2.4 or higher due to performance of the Magento platform and PHP prior to those versions*

## 3 Fraud automatic order cancellation

If fraud prevention review has been enabled for a merchant, the Klarna Payments Module will automatically cancel orders that are flagged as fraudulent. Orders will be put into a fraud pending state to prevent progression of an order until the fraud state of an order is determined.

Fraudulent orders will be cancelled both in Klarna and Magento.

## 4 Installation

It is recommended to test the installation process on a test environment before deploying to your production environment.

The Klarna Payments Module can be installed using the following commands from a command line:

```
# php bin/magento maintenance:enable
# php bin/magento cache:flush
# php bin/magento cache:disable
# composer require klarna/m2-payments
# php bin/magento setup:upgrade
# php bin/magento setup:di:compile
# php bin/magento setup:static-content:deploy [languages] (eg: en_US de_AT de_DE fi_FI sv_SE)
# php bin/magento cache:enable
# php bin/magento maintenance:disable
```

## 5 Configuration

Klarna Payments can be integrated quickly with a few configurations. Further options can be set to fulfil the needs of the store.

### 5.1 Setting access credentials

Access credentials for all Klarna modules are set in a single location.

These settings can be found by following the admin navigation path of:

**Stores ⇒ Configuration ⇒ Klarna ⇒ General ⇒ Klarna API**

Option	Description
API Version	The API version you should connect to. This is based off of your region.
Merchant ID	Your merchant ID for API interaction. (Provided to you by Klarna)
Shared secret	Your private password for API interaction. (Provided to you by Klarna)
Test Mode	If enabled, request will be made to the Klarna Playground.
Debug Mode	API request to Klarna are logged in the default log directory.

### 5.2 Payment method configuration

Payment method options can be configured via the following path:

**Stores ⇒ Configuration ⇒ Sales ⇒ Payment Methods ⇒ Klarna Payments**

Option	Description
Enabled	Enable or disable Klarna payments
Payment from applicable countries	Restrict payment to specific countries.
Payment from Specific countries	Select which countries to restrict to.
Data sharing	Provide customer information before selecting Klarna.
Sort Order	Order of method in the payments area of checkout.

### 5.3 Payment method design

Payment method design options can be configured via the following path:

**Stores ⇒ Configuration ⇒ Sales ⇒ Checkout ⇒ Klarna Payments Design**

Option	Description
Button color	Modify the color of buttons.*
Button text color	Modify the color of button text.*
Checkbox color	Modify the background color of a checkbox.*
Checkbox checkmark color	Modify the color of the checkbox checkmark.*
Header color	Modify the color of headers on checkout.*
Link color	Modify link color.*
Border color	Modify border color.*
Selected border color	Modify the selected border color.*
Text color	Modify the text color.*
Border radius	Border radius. e.g. 5px

\*CSS hex color e.g. #C0FFEE

## 6 Additional quote/order details

Some Klarna details on an order are stored in separate tables created by the Klarna module. All tables created by Klarna are prefixed with 'klarna\_'.

### 6.1 Additional quote details

Additional details about a quote are stored on the table 'klarna\_payments\_quote'.

This table stores:

- The Klarna checkout session ID for the checkout.
- A column for is\_active. Which is used to store if the session is still active for the quote.
- A quote\_id for the customer checkout quote.
- A payment\_methods column contains a comma separated list of available payment methods for this order

The details associated with a quote are best loaded with the Klarna quote model Klarna\Payments\Model\Quote.

### 6.2 Additional order details

Additional details about an order are stored on the table 'klarna\_core\_order'.

This table stores:

- The Klarna checkout session ID for the checkout.
- The Klarna reservation ID for use when capturing an order.
- The order\_id for the customer order.
- Is\_acknowledged is used to note that Klarna has pushed a notification to Magento saying an order has been created. And Magento has acknowledged receipt of the order and the notification to Klarna.

The details associated with a quote are best loaded with the Klarna quote model Klarna\Core\Model\Order.

## 7 Troubleshooting

If not properly configured, Klarna Payments may fail to initialize. There are several methods to help debug exactly what causes Klarna Payments to fail to load.

### 7.1 Enable debug mode

A file will be created in your var/log directory named 'klarna\_api.log' that includes the request and responses. The log file name is dependent on your market. It is recommended to disable this log when using live credentials and to delete copies of the log on the server.

Klarna APIs will respond with verbose details that cause checkout to load. Review the logs to help debug.

To enable debug mode navigate to:

**Stores ⇒ Configuration ⇒ Sales ⇒ Payment Methods ⇒ Klarna ⇒ Klarna API**

Set the option 'Debug Mode' to 'Enabled'.

### 7.2 Contact Klarna

Klarna is always happy to work with merchants to help resolve implementation issues. Reach out to your Klarna Representative for assistance.