Razorpay payments — add-on for the Code Craft HTML + PHP shop templates

Take cards, UPI, netbanking and wallets through **Razorpay Checkout** (India). The customer places the order on your site, then pays in the Razorpay window; the order is marked *Paid* only after the payment signature checks out.

Product page: https://coodecraft.com/market/product/php-shop-razorpay-addon

Works with the 12 Code Craft shop templates (site core 1.1 / shop engine 1.0 or later). It does not work with WordPress or with the non-shop templates.

How it works

1. When the order is placed, the add-on creates a Razorpay order with the **Orders API** for the exact total (in paise) and opens Razorpay Checkout.
2. Razorpay posts the result back; the add-on verifies `razorpay_signature` = HMAC-SHA256(`order_id|payment_id`, your key secret). A wrong signature leaves the order pending.
3. A **webhook** (`payment.captured`, `order.paid`) is checked with `X-Razorpay-Signature` = HMAC-SHA256(body, webhook secret) and marks the order paid even if the customer closed the window.
4. The shop engine compares the currency and amount with the order before marking it paid, and never records the same payment twice.

Install

1. Upload the `razorpay` folder into your website's `addons/` folder (so you have `addons/razorpay/addon.php`).
2. Open **Admin** → **Add-ons**, switch on **Razorpay payments** and open its **Settings**.
3. Paste your add-on licence key (from your purchase email; not needed on localhost) and your Razorpay details (below).
4. In the Razorpay Dashboard → Webhooks, add the webhook URL shown on the add-on settings screen (`…/cc/endpoint.php?addon=razorpay&action=webhook`) with the events **payment.captured** and **order.paid**, and the same secret you paste into the add-on.
5. Open **Admin** → **Shop** → **Payments**: the method is listed there. Keep it ticked and set its position.
6. Place a test order with Razorpay test keys and a test card or UPI ID from Razorpay's documentation before you switch to live keys.

Settings

Setting	Meaning
Add-on licence key	Your key for this add-on, checked with coodecraft.com like the website's own licence (always active on localhost). Until it is active the method is not offered.
Key ID	`rzp_test_…` or `rzp_live_…` (Dashboard → Account & Settings → API Keys)
Key secret	Never shown again after saving. Used for the payment signature.
Webhook secret	The secret you set on the webhook in Razorpay.
Name at checkout	What customers see in the list of payment methods.

How it was tested

Real PHP 8.3 (`php -S`) on copies of the Kora and Pustak shop templates, with every Razorpay API call answered by a local mock server (`config.php` → `api_base`), 47 checks per shop together with the other gateway add-ons: Orders API called with the server total in paise and Basic auth; Checkout page shows the key ID but never the secret; tampered callback signature refused; valid signature → paid; the same payment again via webhook not counted twice; webhook with a tampered signature → 400; signed webhook with a wrong amount → recorded as a mismatch, not paid; valid webhook → paid; on a live domain without an active add-on licence the method is not offered and its endpoints answer 404.

Limits and honest notes

- Tested only against **mocked** Razorpay responses and locally forged callbacks/webhooks. It was **not** tested with real money or the live Razorpay service. Try a test-mode payment yourself before going live.
- You need your own Razorpay account. Razorpay fees, payouts, refunds and disputes are handled in your Razorpay dashboard; refunds are not sent from the website (set the order to *Refunded* yourself after refunding).
- The amount charged is the order total in your base currency, or in the customer's currency if you chose that in **Shop settings** (at your rate).
- Razorpay's `checkout.js` is loaded from checkout.razorpay.com (Razorpay updates it in place, so it cannot be pinned with an integrity hash).

Files

- `addon.php`: the manifest (settings shown in Admin → Add-ons).
- `razorpay.php`: the code (payment method, return/callback and webhook endpoints).
- Details of the add-on contract: `cc/ADDONS.md` on your website.

The settings screen

Admin → Add-ons → razorpay, on a local copy of the Kora shop template:

