MCP SERVER | NO CODE | CLOUD HOSTED

Music Royalty Calculator MCP

Predict Payouts for Every Licensing Use Case.

Music Licensing Royalty Calculator estimates royalties for four key music usage types: sync, mechanical, performance, and print licensing. Quickly determine revenue shares for visual media placement, physical reproduction, public broadcasts, or sheet music sales. This MCP handles complex industry standards like ASCAP and BMI to give you precise payout projections.

A+ Quality Score 100/100

royalty | licensing | music-industry | copyright | automation

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vinkius.com/mcp/music-licensing-royalty-calculator

SCAN TO VIEW

The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the connectivity layer where AI connects to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

> *The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.*
>
> — Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

```
https://edge.vinkius.com/{token}/mcp
```

Claude · Cursor · VS Code · Windsurf · Grok · Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1) Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

> Get started at **cloud.vinkius.com** — connect your AI agent in under 60 seconds.

Music Licensing Royalty Calculator MCP

4 tools available
Cloud-hosted on Vinkius

Need an accurate way to predict music royalties? This MCP provides a dedicated engine for calculating payouts across all major usage types. Whether you're dealing with a commercial ad placement, physical CD sales, or a live concert broadcast, the system calculates the total royalty amount and breaks down who gets paid what—composer versus publisher. You simply input the parameters of the license (like number of copies sold or length of use), and your agent handles the heavy lifting using established industry rules. For those managing large music catalogs, integrating this tool into your existing stack through Vinkius makes it simple to access precise royalty estimates without needing specialized database connections. It's reliable math for complex creative finance.

Core Capabilities

01 — Estimate Sync Royalties

Calculates the fee needed when pairing music with visual content, like in a film or ad.

02 — Calculate Mechanical Royalties

Estimates payouts generated from reproducing music copies for physical or digital formats.

03 — Estimate Performance Royalties

Determines royalties due from public broadcasts, radio play, or live events.

04 — Calculate Print Royalties

Figures out the royalty owed for selling sheet music and lyrics.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/music-licensing-royalty-calculator** — connect your AI agent in three steps.

01 Select the specific usage type (e.g., performance, mechanical) and input key metrics like territory, duration, or unit count.

02 The MCP runs these inputs against established industry standards to calculate the raw royalty figures.

03 You receive a total estimated payout amount, along with a clear split showing the composer's share and the publisher's share.

The bottom line is you get instant, standardized estimates for diverse music licensing revenues, avoiding complex manual calculations.

Built For

Music publishers, royalty accountants, rights management firms, and indie artists who manage their own IP. If your job involves tracking multiple revenue streams from the same song across different media, this is for you.

Royalty Accountant

Uses this MCP to verify estimated payments for clients, quickly calculating mechanical and performance royalties based on usage reports.

Music Publisher

Determines the appropriate split between composer and publisher when negotiating sync fees or print licenses with clients.

Copyright Manager

Manages a catalog by running multiple royalty calculations (sync, mechanical) to ensure all usage rights are covered and properly accounted for.

What Changes When You Connect

01 Stop guessing revenue splits. Calculate mechanical royalties instantly to know exactly what gets paid when copies are sold, whether physical or digital.

02 Need a commercial ad fee? The calculate_sync_royalty tool gives you precise estimates for placing music in visual media, factoring in usage length and scope.

03 Forget confusing performance rights. Run the estimate using calculate_performance_royalty to cover live shows, radio plays, and public broadcasts accurately.

04 Keep track of print sales revenue easily. Use calculate_print_royalty to determine royalties owed whenever sheet music or lyrics are sold.

05 Consolidate your math. This MCP provides a clear breakdown between the composer's share and the publisher's share for every calculation, simplifying financial reporting.

Real-World Applications

A film director needs to budget music costs.

The director asks their agent how much a 60-second ad spot using licensed music will cost. The system runs calculate_sync_royalty, providing an immediate total fee and the necessary split between composer and publisher.

A band is planning a large festival appearance.

The manager asks their agent about potential payouts from radio play and live crowd attendance. Running calculate_performance_royalty provides the necessary data to negotiate performance agreements.

A label needs to track CD sales revenue.

The accountant inputs 50,000 units of a newly released album. The system uses calculate_mechanical_royalty to generate an accurate royalty estimate for the physical reproduction rights.

Patterns to Avoid

Assuming one royalty rate applies everywhere.

✗ AVOID

A user calculates royalties based on CD sales and then assumes that same number works for a YouTube broadcast, resulting in massive underpayment estimates.

✓ INSTEAD

Don't mix usage rights. You must calculate sync fees using calculate_sync_royalty; don't use the mechanical calculation for video placement. Use the right tool for the right medium.

Calculating only the gross revenue.

✗ AVOID

A user gets a total royalty number but can't tell if that amount is split correctly between the composer and publisher, leading to payment disputes.

✓ INSTEAD

Always check the breakdown. The MCP provides both the total estimate and the specific percentage allocated to the composer versus the publisher.

Forgetting print rights on digital sales.

✗ AVOID

A publisher only calculates digital streaming revenue but ignores the royalties due from sheet music purchases, leaving a major income stream uncounted.

✓ INSTEAD

Don't forget supplementary streams. Run calculate_print_royalty to account for every sale of lyrics and sheet music.

The Right Fit

Use this MCP if you need to estimate the financial outcome of specific, defined musical usages (like a commercial placement or physical unit sales). It is perfect for verifying royalty estimates across various media types. Don't use it if you are trying to manage your overall accounting ledger; that requires dedicated general ledger software. Also, don't rely on it to generate actual payments—it only provides the estimate. If your problem is determining *if* a right exists (e.g., 'Do we have mechanical rights for this country?'), you need a legal database tool, not a calculator. This MCP answers the question: 'If X happens, how much money will it be?'

Tracking music revenue means dealing with endless spreadsheets.

Today, tracking royalties feels like juggling four different accounting books. You start by calculating mechanical rights for every CD batch, then switch to a separate model for public broadcasts. If you add film synchronization fees or sheet music sales, you're copying data into three or four massive spreadsheets and praying your formulas don't break.

With this MCP, those multiple calculations are handled in one place. You input the usage details—say, 10,000 copies sold plus a single TV sync placement—and the agent returns a combined, accurate estimate based on industry standards.

Get Precise Payouts with Music Licensing Royalty Calculator

The tedious manual steps of cross-referencing different rate sheets for sync versus performance rights disappear. You don't have to manually remember the difference between a broadcast fee and a print sale royalty.

What changes is that you get immediate, reliable financial clarity. Your agent delivers an estimate that correctly separates composer share from publisher share across every single type of license.

Music Licensing Royalty Calculator: 4 Tools

These tools allow you to calculate specific royalty streams—from visual media synchronization fees to physical reproduction rights—ensuring your estimates are comprehensive.

#	TOOL	DESCRIPTION
01	`calculate_mechanical_royalty`	Estimates royalties from reproducing music copies for physical or digital sales.
02	`calculate_performance_royalty`	Calculates estimated payouts for public broadcasts, radio play, or live performances.
03	`calculate_print_royalty`	Estimates royalties earned from selling sheet music and lyrics.
04	`calculate_sync_royalty`	Determines the fee required to synchronize music with visual media, like in a commercial or film.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U How much royalty will I earn from 10,000 digital copies of a 3-minute song in the USA?

$910.00 total royalty ($455.00 for the composer and $455.00 for the publisher).

U Estimate the sync fee for a 30-second advertisement in Europe.

$150.00 total royalty ($75.00 for the composer and $75.00 for the publisher).

U What is the estimated performance royalty for a live concert with 5,000 people in the USA?

$250.00 total royalty ($125.00 for the composer and $125.00 for the publisher).

Frequently Asked Questions

01 **How do I calculate mechanical royalties using the Music Licensing Royalty Calculator MCP?**

You use the dedicated calculate_mechanical_royalty tool. This function estimates payouts based on the reproduction of music copies, whether those copies are sold physically or digitally.

02 **What is the difference between sync and performance royalties in this calculator?**

Sync royalties cover fees for pairing music with visual media (like ads). Performance royalties handle payouts from public broadcasts, like radio play or live shows.

03 **Does Music Licensing Royalty Calculator MCP use real-time market data?**

No. The calculator uses established industry standards and historical rates (like those set by ASCAP or BMI) to provide reliable estimates based on the inputs you give it.

04 **Can I estimate print royalties for digital sheet music sales?**

Yes, use calculate_print_royalty. This tool accounts specifically for revenue generated from selling both physical and digital copies of lyrics and sheet music.

Go Live in 60 Seconds

Get your connection token from **cloud.vinkius.com**, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add `"music-licensing-royalty-calculator": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → Add endpoint URL
ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

- Ask ChatGPT
- Ask Claude
- Ask Perplexity
- Ask Gemini
- Ask Grok

READY TO CONNECT

Music Licensing Royalty Calculator is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and start building. No SDK. No deployment. Just results.

Start at cloud.vinkius.com →

vinkius.com · support@vinkius.com

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