



Harmonic Beacon

Mobile UI/UX Design Presentation

Resonant Wellness Through Sound · Where Physical Meets Digital

∞ Scientific Mysticism × Quiet Luxury ∞

Design Constellation

01 Design Philosophy

Scientific Mysticism aesthetic, Aether design language, sacred geometry principles

02 Live Experience

Portal screen, immersive video feed, astrology chart overlay, minimal controls

03 Social Resonance

Mood rooms, constellation interface, ephemeral chat, collective emotional states

04 Audio Tree

Branches visualization, Golden Ratio spiral, nautilus sound map, collaborative audio

05 Meditate

Content library, dual audio mixing, Voice and Beacon volume controls

06 Sessions

Bio-data tracking, DeSci research, heart rate/HRV visualization, blockchain verification

07 Navigation System

Frosted glass bar, golden wireframe icons, active state glow, interaction patterns

Core Principle

Resonant · Organic · Ethereal · Premium



01

Design Philosophy

Scientific Mysticism meets Quiet Luxury



Precision Engineering × Sacred Geometry

The Aether Design Language

Complete visual system for resonant experiences

Color Palette



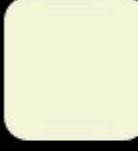
Void Black

#000000 · Infinite depth



Alchemy Gold

#D4AF37 · Sacred accents



Typography System

Oranienbaum

Display serif · Classical scientific elegance

Hedvig Letters Sans

Heading sans · Distinctive personality

Liter / Quattrocento Sans

Body text · Screen clarity & readability

Visual Motifs

● Golden Ratio Spiral

● Sacred Geometry Grids

● Nautilus Shell Forms

● Constellation Patterns

Material Effects

Frosted Glass

UI overlays with subtle blur and transparency, creating depth and allowing content to softly bleed through

Golden Glow

Active states emit soft, warm light using #D4AF37 with layered shadows and subtle animations

Wireframe Precision

Thin, exact lines in golden accents, reminiscent of engineering blueprints and sacred architecture

"Minimalist but deep, competent and sacred"

02

The Live Experience

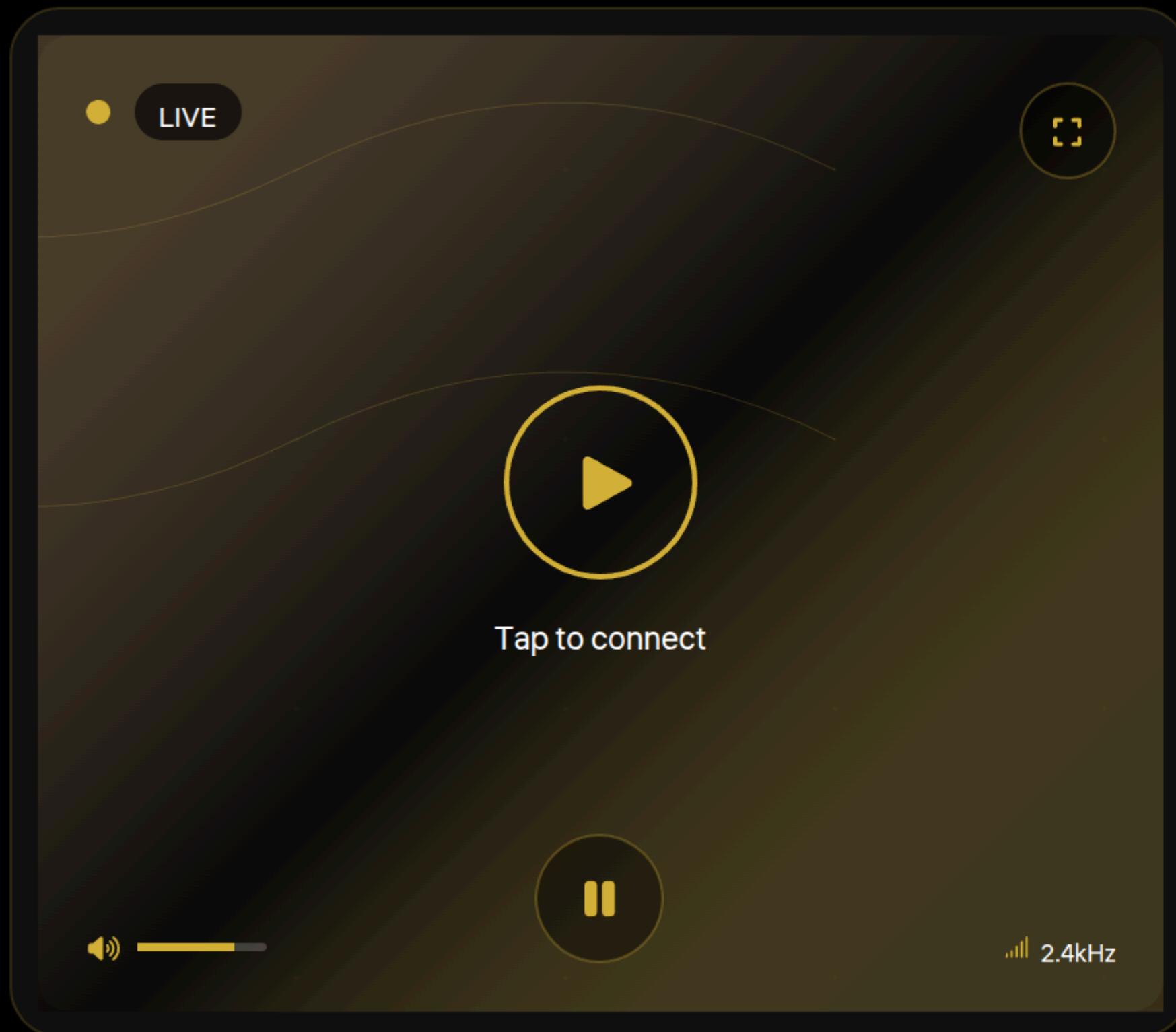
Portal to the Physical Device



Immersive video · Astrology overlay · Minimal controls

Live Stream Screen

Immersive portal transporting users to the resonant device



Primary Live Portal

Immersive Video Feed

Full-screen live stream of the physical resonant device creates immediate presence and connection. The video dominates the interface, minimizing UI chrome to maintain focus on the analog sound source.

- ✓ 4K capable streaming with adaptive bitrate

Astrology Chart Overlay

Thin golden lines resembling sacred geometry grids and engineering blueprints frame the experience. These subtle overlays provide spatial context without interfering with content.

- ✓ Sacred geometry patterns, 0.5px stroke weight

Pulsing Live Indicator

A slowly breathing golden ring replaces the traditional red dot. The pulse rhythm matches the resonant frequency, creating a subconscious connection to the sound.

- ✓ 432Hz breathing rhythm, 2s cycle duration

Design Specifications

03

Social Resonance

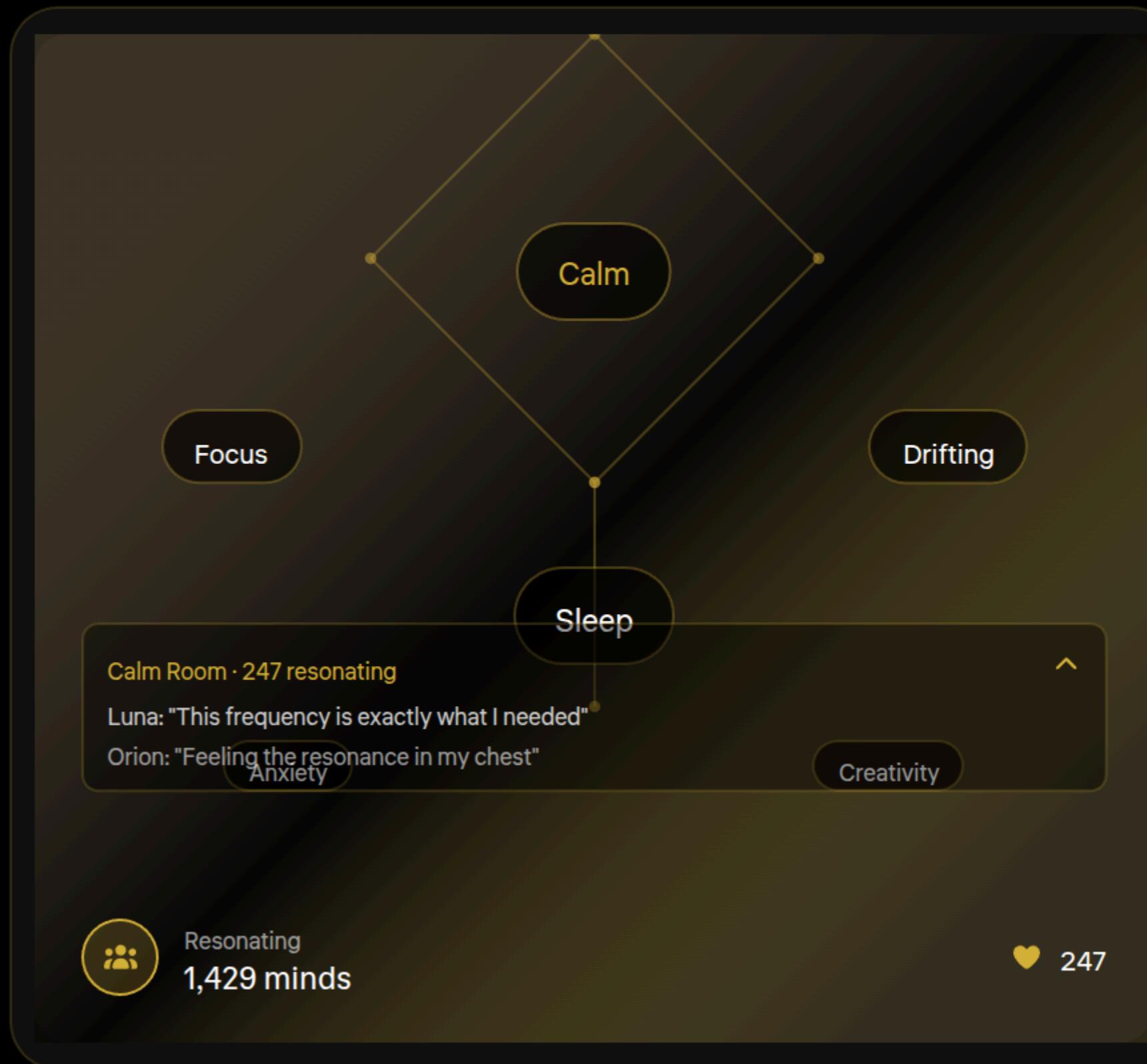
Mood Rooms & Constellation Connections



Collective emotional states · Ephemeral chat · Glowing nodes

Moods Tab

Constellation interface for collective emotional resonance



Mood Constellation Interface

Floating Mood Tags

Soft glowing glass pills represent emotional states. Each tag uses frosted glass material with subtle backdrop blur, creating depth and hierarchy in the constellation.

- Selected states pulse with warm golden glow

Constellation Connections

Thin golden lines connect related emotional states, forming a sacred geometry network. The pattern reflects how moods influence and transition between each other.

- Mathematical precision, 1px stroke weight

Ephemeral Chat Overlay

Minimal text messages appear from others in the same mood room. The chat feels transient and unobtrusive, maintaining focus on the resonant experience.

- Auto-scroll, 5s display duration, fades naturally

Social Sync Metrics

Active Resonators

1,429

Peak Concurrent

3,847

Interaction Specifications

04

Audio Tree

Branches & Spiral Visualization

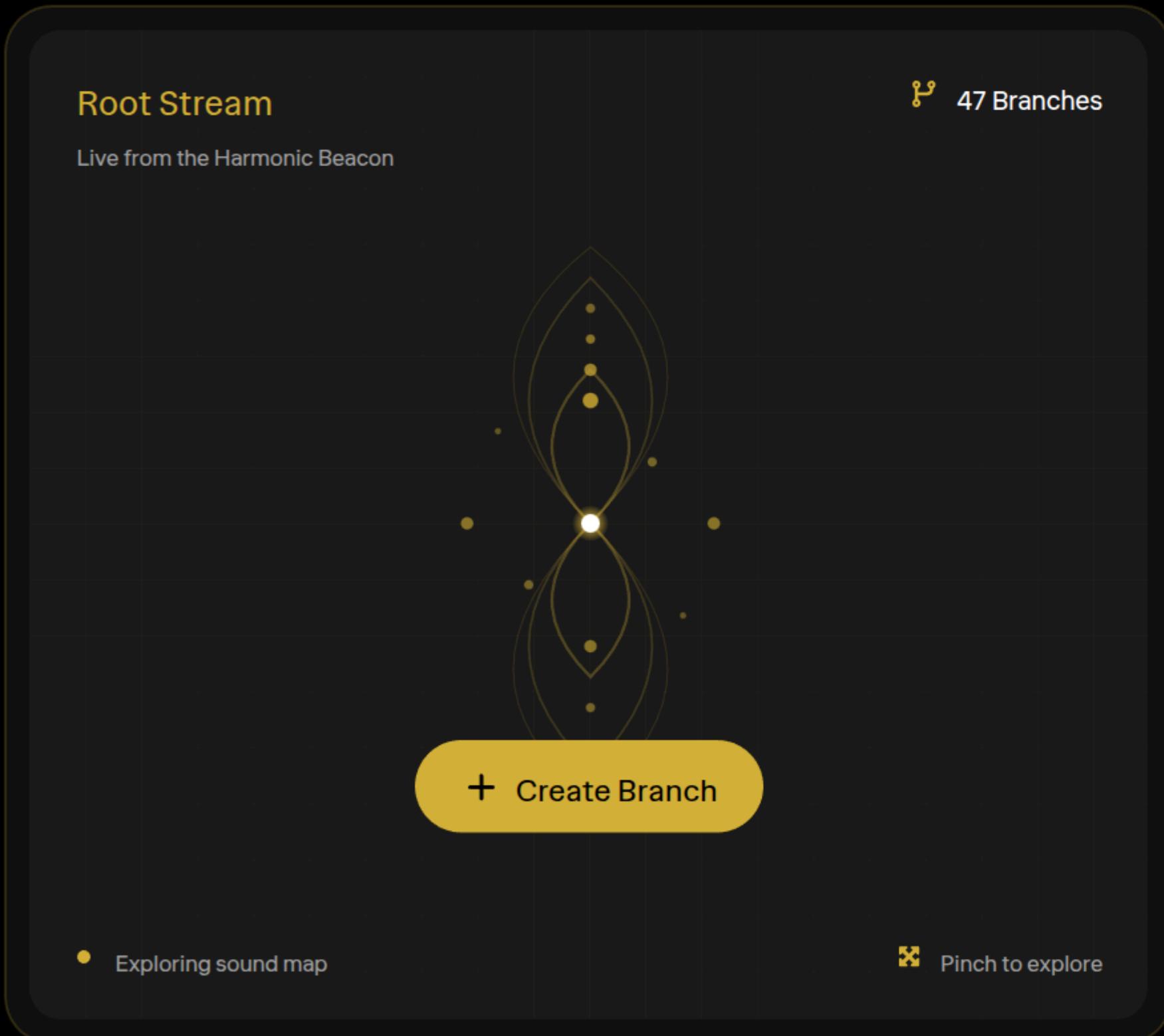


Golden Ratio spiral · Nautilus sound map · Explorable audio tree



Branches Tab

Nautilus sound map visualization using sacred geometry



Golden Ratio Spiral Visualization

Nautilus Sound Map

The Golden Ratio spiral becomes an explorable audio tree. The bright center represents the Root Stream (live beacon), while user-created branches spiral outward following the sacred geometric pattern.

- ✓ φ (1.618) ratio between spiral turns

Branch Nodes

Each node represents a user-generated audio layer. Size indicates popularity, opacity reflects age, and glow shows active listening. Tapping a node previews the branch.

- ✓ Haptic feedback on node selection

Create Branch Flow

The prominent gold button invites users to add their own audio layer. The creation process records over the live stream, layering personal resonance onto the collective experience.

- ✓ 30s max recording, auto-syncs to stream

Branch Metrics

47

Active Branches

12.4k

Interaction Design
Total Plays

3.2k

Creations

05

Meditate

Content Library & Dual Audio Mixing



Guided content · Voice/Beacon mixing · Precise control

Meditate Tab

Guided content library with dual audio mixing console

The screenshot displays the 'Meditate Tab' interface. On the left, a 'Guided Sessions' section lists five sessions: 'Deep Sleep Resonance' (45 min · Sleep), 'Anxiety Release' (20 min · Calm), 'Focus Flow State' (30 min · Focus), 'Body Scan Resonance' (25 min · Relaxation), and 'Creativity Unleashed' (15 min · Inspiration). Each session card includes a thumbnail, duration, and category. A progress bar at the bottom indicates '6 of 24 sessions'. On the right, a 'Dual Audio Mixing' section shows two volume sliders for 'Voice' (75%) and 'Beacon' (40%), with a play button and timer (32:45) indicating the current session.

Guided Sessions

- Deep Sleep Resonance 45 min · Sleep
- Anxiety Release 20 min · Calm
- Focus Flow State 30 min · Focus
- Body Scan Resonance 25 min · Relaxation
- Creativity Unleashed 15 min · Inspiration

6 of 24 sessions

Dual Audio Mixing

Voice 75%

Beacon 40%

Deep Sleep Resonance 32:45

Premium

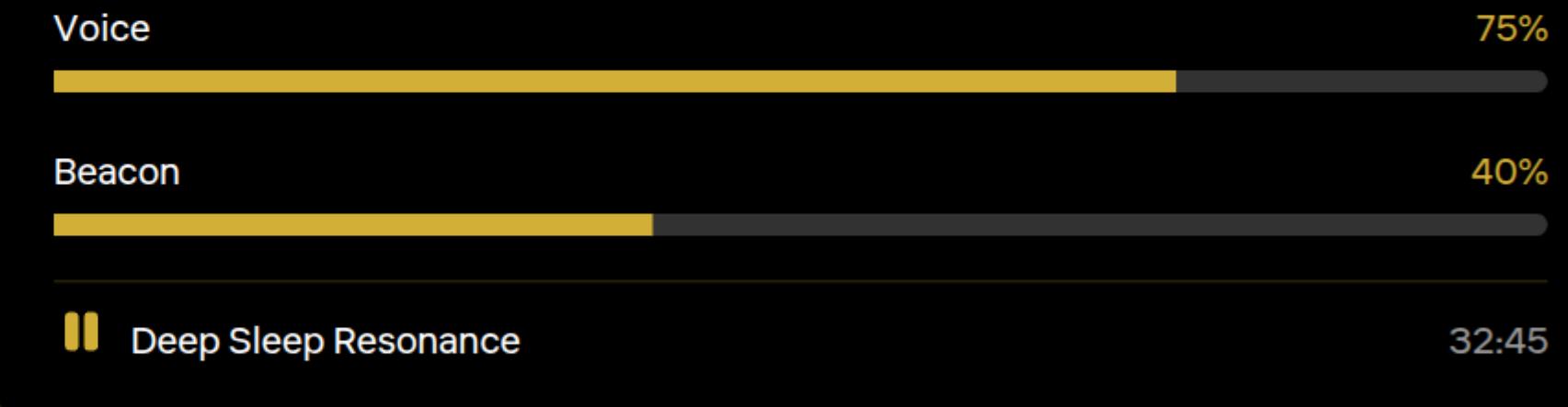
Content Library Interface

Dual Audio Mixing

The crucial feature: two independent volume sliders allow precise mixing of Voice (guided narration) and Beacon (live resonant drone). Users can balance guidance with pure resonance.

- 0-100% precision, real-time crossfade

Active Player State



Minimalist List Design

Horizontal cards with abstract thumbnails respect the color palette. Hairline golden dividers separate items while maintaining visual flow and hierarchy.

- 12+ content categories, premium gating

Audio Mixing Console

06

Sessions

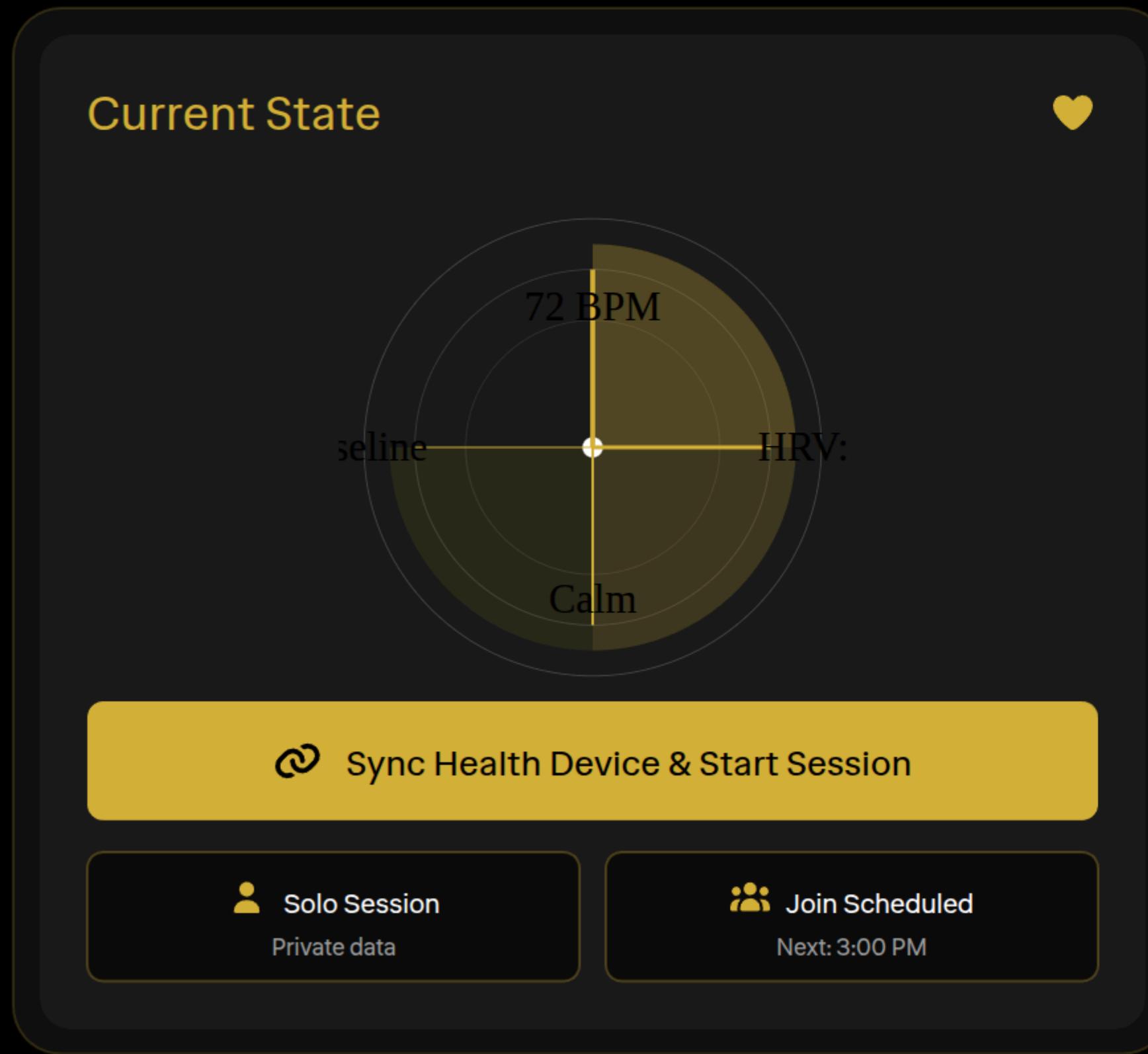
Bio-Feedback & Decentralized Science



Heart Rate · HRV · DeSci research · Blockchain verification

Sessions Tab

Scientific mysticism meets biometric precision



Scientific Mysticism

Data visualization combines engineering blueprint precision with sacred geometry. The circular interface echoes mandala patterns while displaying clinical biometric accuracy.

- ✓ ±1 BPM accuracy, medical-grade sensors

Post-Session Insights

Heart Rate dropped by 12% during session
From 72 BPM to 63 BPM in 15 minutes

Data contribution verified
Block: 0x8f3a2b...7c9e



Verified

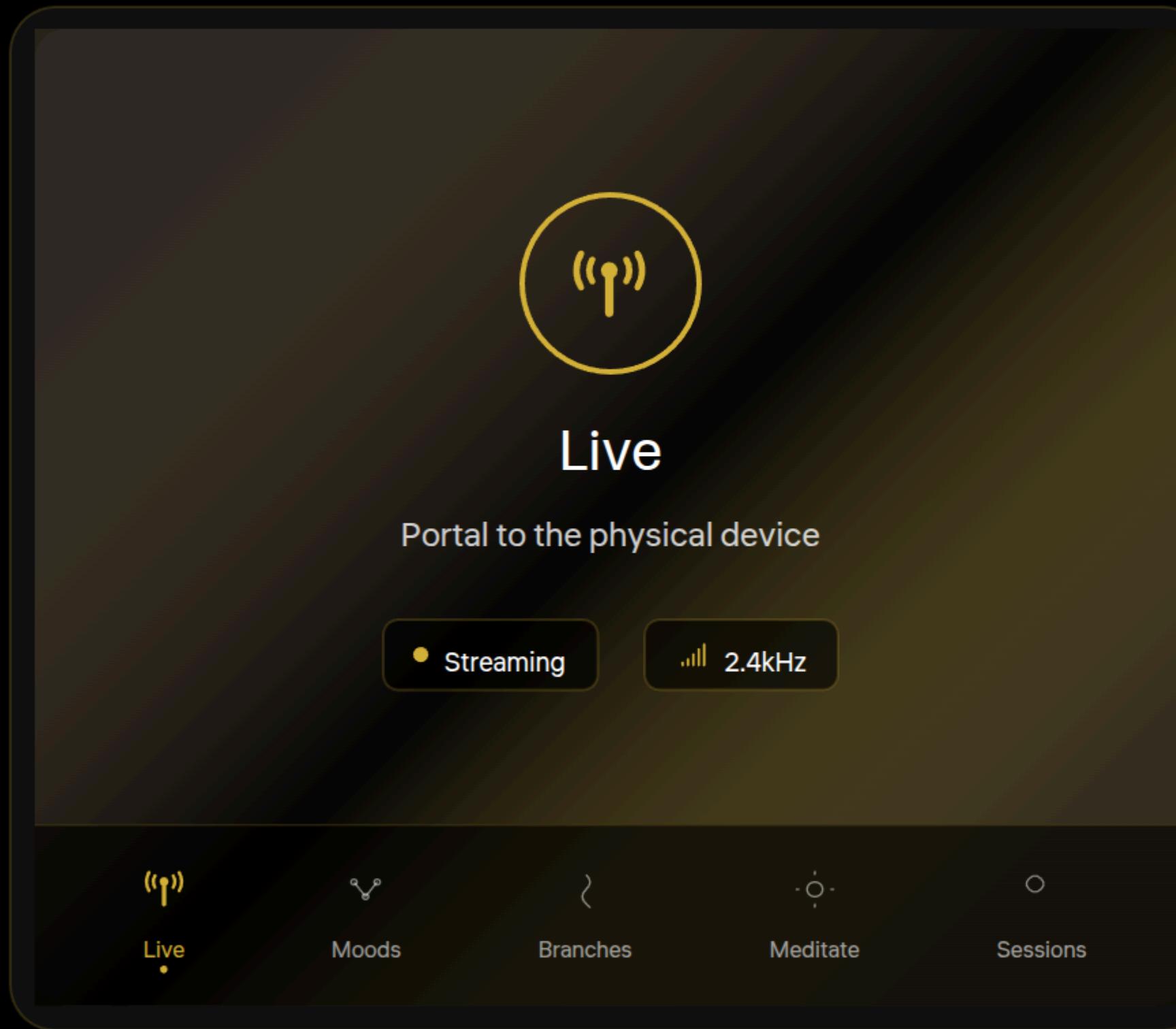
DeSci Integration

Session data contributes to decentralized science research on sound therapy. Blockchain verification ensures data integrity while maintaining privacy through anonymization.

- ✓ HIPAA compliant, zero-knowledge proofs

Bottom Navigation

Frosted glass bar with golden wireframe iconography



Navigation Bar with Active State

Frosted Glass Material

The navigation bar uses iOS-style frosted glass (60% opacity, 20px blur) allowing the live stream to subtly show through. This maintains context while providing functional separation.

- ✓ backdrop-filter: blur(20px), 60% opacity

Golden Wireframe Icons

All five icons use thin, precise line work (1.5px stroke weight) in gold when active, white when inactive. The iconography reflects function: beacon waves, constellation points, spiral curves, sacred geometry, and heart resonance.

- ✓ 24px icon grid, 2px padding, centered alignment

Active State Glow

The active tab fills with soft golden glow and displays a small indicator dot below. This creates clear hierarchy and orientation within the five primary app sections.

- ✓ Smooth transitions, 200ms ease-out

Navigation Specifications

Bar Height	96px (incl. safe area)
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Icon Size	24px × 24px
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Active Indicator	Design Specifications	4px dot, 8px spacing
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Touch Target	48px × 48px minimum
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Interaction Patterns

Micro-animations and responsive feedback systems

● Pulsing LIVE Indicator

The LIVE ring breathes at 432Hz frequency (2-second cycles), creating subconscious resonance with the sound therapy. The pulse uses easing curves for organic feel.

Cycle: 2s inhale, 2s exhale

Scale: 0.95x to 1.05x

Opacity: 0.7 to 1.0

↳ Touch Interactions

All interactive elements provide immediate visual feedback: golden glow on press, subtle scale animation (0.98x), and haptic response where supported.

Touch down: 100ms glow

Touch up: 150ms scale

Haptic: light impact

✖ Spiral Exploration

Branches tab supports pinch-to-zoom and pan gestures. The nautilus spiral responds with elastic scaling and momentum-based scrolling for natural exploration.

Scale range: 0.5x to 3.0x

Momentum: 0.95 friction

Bounce: elastic easing

⇄ Dual Slider Control

Voice and Beacon sliders provide real-time audio mixing. Visual feedback includes golden fill animation and percentage display updates during drag.

Drag: real-time updates

Tap: jump to position

Precision: 1% increments

✿ Ephemeral Chat

Mood room messages fade in gently, auto-scroll to latest, and disappear after 5 seconds. The animation uses opacity and subtle vertical translation.

Fade in: 300ms ease-out

Display: 5s duration

Fade out: 200ms ease-in

⇄ Tab Transitions

Smooth crossfade transitions between navigation tabs maintain spatial orientation. Content slides horizontally while the nav bar remains fixed.

Duration: 250ms ease-in-out

Content: ±24px slide

Nav: static with glow



Resonant Design

Where Physical Sound Meets Digital Consciousness



Resonant

Every element vibrates with purpose
and meaning



Organic

Natural forms meet digital precision



Ethereal

Transcending the boundary between
worlds

Harmonic Beacon · UI/UX Design System · 2025



Scientific Mysticism × Quiet Luxury

