

CASBOT

HUMANOID ROBOT BAND



Beijing Zhongke Huiling Robot Technology Co., LTD
<https://www.casbot.tech>

Product Introduction

Product Name	Humanoid Robot Rock Band - METAL BEATS
Components	Drum Kit Robot, Keyboard Robot, Guitar Robot, Bass Robot, Central Control System
Product Features	Spectacular Performance, Precise Performance, Extensive Music Library, Safety and Stability
Application Scenarios	Exhibition Halls, Commercial Performances, Theme Parks, Entertainment Venues
Client Benefits	Reliable Performances, Customized Acts, No Staffing Costs, Self-Generating Marketing
Sales Model	Purchase, Lease, Brand Partnership

Background Story

On the crystalline planet at the edge of the M-78 Nebula, a civilization holds "Harmonic Vibration" as its core belief – they see the universe as a tapestry of frequencies, with music being the ultimate language that connects all things.

Foreseeing a cosmic "soundwave disruption" a millennium from now, they identified Earth's "diverse musical culture" as the key to restoring balance. Thus, they resolved to send envoys to Earth to collect and fuse musical energies of different styles.

Having evolved into pure energy beings, the Crystalline people could not communicate directly with humans. Instead, they built four humanoid robots based on the 「Prototype Unit」 to serve as "Cultural Emissaries." These envoys form an "Interdimensional Resonance Band," codenamed 「METAL BEATS」.



「Crystalline Planet」

DEPARTURE



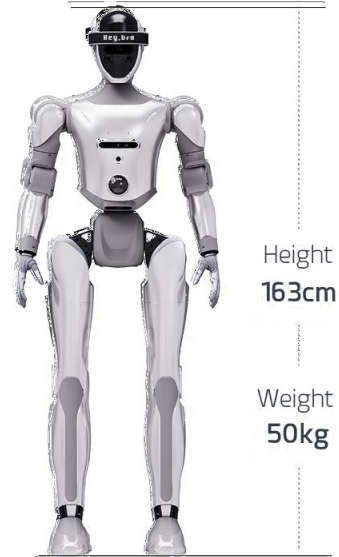
The band traveled aboard a starship, crossing a wormhole via "Acoustic Folding" technology. Mid-journey, they encountered cosmic turbulence. The starship's energy core was damaged. They were forced to land in Earth's Sahara Desert.

RISE TO FAME



Upon awakening, they discovered that the starship's "Frequency Collector" had malfunctioned, leaving them no choice but to integrate into Earth's society to gather musical energy. Initially, their overly "sci-fi" appearance led people to mistake them for cosplayers. It wasn't until an impromptu performance at an underground music festival—where their surreal sound and visual impact captivated the audience—that they shot to fame overnight.

CASBOT 02
Smart **Bro**, All-round **pro**



Advanced visual
& acoustic perception

RGBD camera
IMU sensor
Microphone array

Maximum joint torque
150N.m



Whole-body
degrees of freedom
 $\geq 37\text{DoF}$

7000-series aerospace-grade
aluminum alloy
Delivers an optimized
strength-to-weight ratio



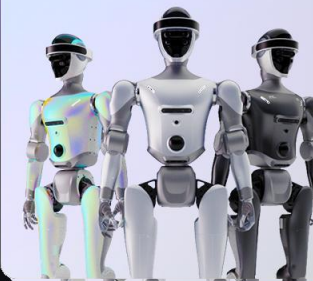
OTA

Enabling continuous evolution
Intelligent OTA updates

Stronger potential for
embodied intelligence
Powered by 275 TOPS
computing chips



Modular shell and
frame design
Offers customizable
appearance options



Stellar halo HMD with
high-brightness LED
Empowering rich visual
interaction



Band Name:

METAL BEATS

Lineup:

Keyboard, Guitar, Bass, Drums

Music Partner

Real “Precious Metal”

Vibe Master

Hype Master

Metal Riff

Accompaniment

Technology and Art Crossover, Redefining Stage Vitality



Guitar



Keyboard



Drums



Bass



Guitarist

Speed Picking (Max. 200 BPM)
Improvised Chord Arrangement
95% Human-like Flexibility in Robotic Arm Joints
Capable of Complex Sweep Picking / Tapping Techniques



Bassist

Precise Low-Frequency Rhythm Control, Multi-Voice
Harmony Padding.
Programmable Stage Movement Paths
Waist Rotation Range $\pm 180^\circ$
Dynamic Posing Synchronized with Music Rhythm



Keyboardist

Full 88-Key Keyboard Coverage
500+ Tone Variations with Automatic Score Recognition
Independent Dual-Hand Operation
Simultaneous Performance of Melody, Chords, and Bass
Lines.

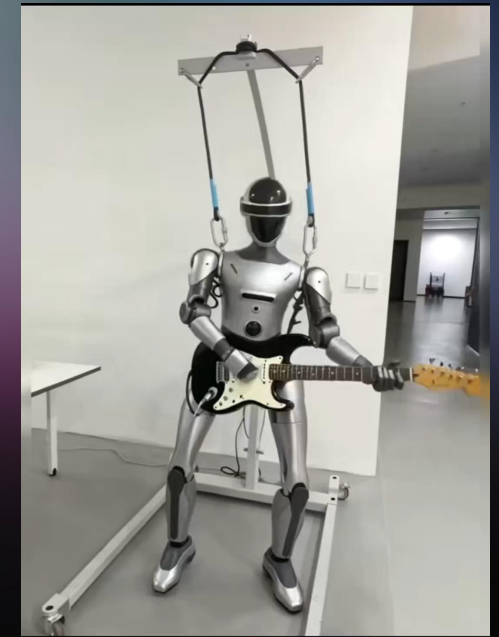


Drummer

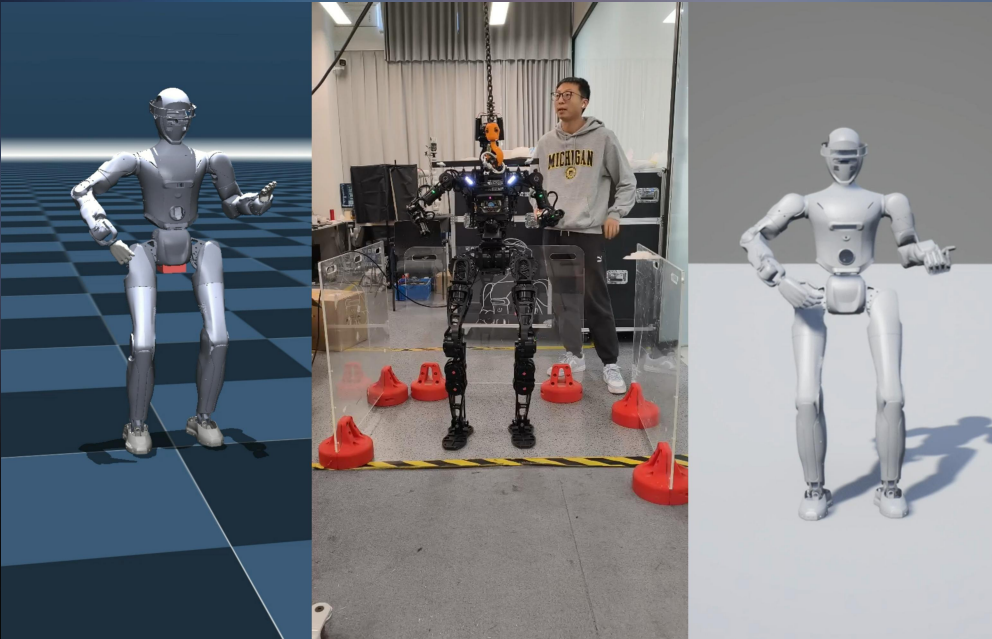
Four-Limb Coordinated Performance (6 Drums + 4
Cymbals).
Real-Time Tempo Adjustment with Lighting
Synchronization.
Adjustable Striking Force (10-100N).
Simulates the Explosive Power and Nuance of a
Human Drummer.

Genres	Song Title	Singer/Band
Classic Rock	《True Love For You》	Beyond
	《Glorious Years》	Beyond
Britpop	《Yellow》	Coldplay
Pop Rock	《The Ordinary Road》	Pu Shu
	《Forever Young》	Pu Shu
	《Persistence》	Mayday
	《My Future is Not a Dream》	Chang Yu-Sheng
Retro Rock/Taiwanese Rock	《Last Dance》	Wu Bai
Rock Instrumental	《Canon Rock》	Jerry C

- **Spectacular Performance:** Accurately replicates human playing gestures while surpassing the physical limits of human performers
- **Precise Playback:** Achieves high-precision, synchronized performances on four instruments: drums, guitar, bass, and keyboard
- **Musical Versatility:** Capable of interpreting classic works and performing original tech-themed singles. Compatible with diverse genres including classical, pop, and rock. Supports custom song requests
- **Real-Time Accompaniment:** Analyzes melody, rhythm, and harmony in real-time, enabling intelligent improvisational accompaniment and musical adaptation



- **Visual Impact:** Sci-fi design with interactive lighting. Appearance can be customized for client scenarios, such as changing finishes or adding special decorations.
- **Safety & Stability:** Fully enclosed shell with soft materials, no sharp edges. Battery life of 2 hours, capable of performing 5+ songs continuously.
- **Ease of Use:** Based on an integrated control platform, it can simultaneously control the start/stop of all four robots, switch songs, and play backing tracks.





Commercial Performances

At events such as music festivals, product launches, and exhibitions

Serving as the opening or closing act, attracting large audiences with its unique technological appeal

Becoming a highlight of the event, drawing attention from media and the public

Increasing popularity and generating buzz



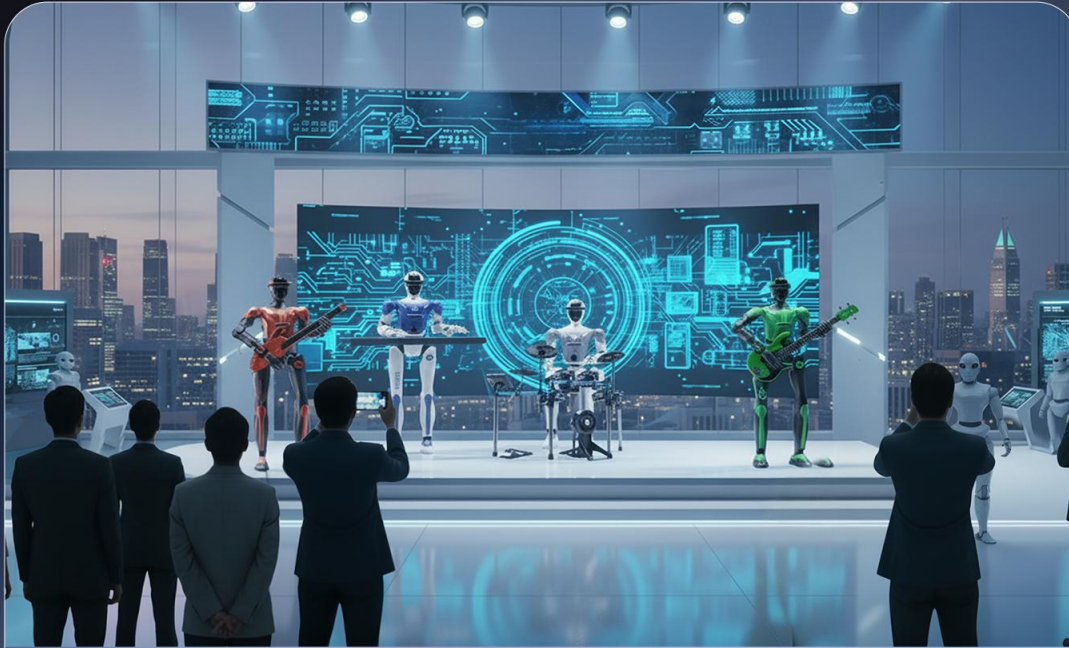
Cultural Tourism Projects

As a resident performance in theme parks, providing unique entertainment experiences for visitors.

Enhancing the technological atmosphere and appeal of the theme park.

At popular social media check-in spots, attracting visitors to watch performances and take photos for sharing.

Increasing the visibility and popularity of the check-in location.



Museum & Pavilion Displays

In corporate, government, and public welfare exhibition halls, the robot band serves as part of the technology showcase

Through live performances, it demonstrates the integration of artificial intelligence, robotics, and musical art to the audience, sparking interest and curiosity in technology

Becoming a unique vehicle for science popularization and education within the exhibition space



Music Education

Through live demonstration performances

Enabling students to more intuitively understand instrument playing techniques and music theory knowledge

Spark students' interest and passion for music learning, and participate in interactive performances with them

Inject new vitality into campus cultural life

Service Categories	Subcategories	Service Categories
Purchase/Lease Options	Full Set Purchase	Purchase of Full Set: 4 core robots + music library + control system + post-purchase upgrade services
	Single Unit Purchase	Ownership of Single Unit Robot, includes exclusive character design + basic performance functions
	Full Set Rental	End-to-End Service: equipment transportation, on-site setup, technical support, and performance execution
Performance Formats	Feature Concert (45-90 minutes)	Complete Performance Flow (opening song + main songs + interactive segments)
	Interlude Performance (10-15 minutes)	High-difficulty performance moves + stage choreography; quickly ignites the atmosphere
	Interactive Experience Session (15-30 minutes/session)	Audience Song Requests, AI Improvisation (song generation based on keywords), fun Q&A sessions
Customized Services	Theme Song Composition	Professional Team + AI Collaboration; original creation based on brand/event theme (lyrics + composition + arrangement + recording)
	Image Customization	Exterior Customization (brand LOGO/main visual), Character Optimization (voice/actions)
	Interactive Design Customization	Brand Element Integration (Q&A/lyrics/interface), Custom Interactive Games, Private Domain Traffic Funnel Design



灵宝CASBOT服务号



灵宝CASBOT视频号

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