Music Search Services

TiVo's music search services deliver highly accurate and relevant results in the fewest possible steps. Powered by one of the industry's most robust entertainment knowledge graph engines and fueled by a deep understanding of the way people search, our music search services – part of our music discovery platform – anticipate users' interests and provide optimized query results based on popularity and relevance.

TiVo's music search services support acronyms, abbreviations and misspellings, and return incremental results as users type. In addition to standard search by artist, album and song, we let users search or filter results based on attributes such as genre, mood, theme, credits and release dates.

Uniquely able to gauge the popularity of music content and detect spikes in global and regional popularity, our music search services create personalized user signatures based on consumption history, social media activity and profile information.

Flexible, scalable and supported by real-world semantic intelligence, TiVo's music search services provide a seamless discovery experience across platforms and devices.

FEATURES

Intelligent Search

Our services recognize abbreviations, misspellings, multi-prefixes and numbers. Searches are not limited to specific metadata types.

Flexible Search Terms

Users can search by an extensive list of metadata types like partial names/titles, AKAs, credits, intersections, release dates, genre, theme and mood, in any order.

Semantic & Contextual Understanding

TiVo's search services understand that words in a query aren't just words, they are real things. They also understand what is happening in the world at any moment and anticipate users' interests to produce more relevant results.

Advanced Personalization Capabilities

A dynamic user signature is developed based on consumption history and profile information to provide the most relevant results.

BENEFITS

Tailored Results
Personalized query results integrate implicit and explicit user behavior.

Seamless Cross-Platform Experience
Services enable the same robust feature set on mobile and web.

Cloud Delivery
Scalable cloud architecture maintains performance during peak usage.

KNOWLEDGE GRAPH ENGINE

TiVo's music search services are powered by our knowledge graph engine, a dynamic knowledge base of entertainment metadata capable of understanding trends and popularity, as well as the deep vocabulary needed to organize and identify content for conversational interfaces. TiVo semantically generates this structured set of meaningful connections with an awareness of regional trends and popularity from 100,000 online sources. This enables content distributors to deliver more accurate search results and recommendations, and provides content producers greater insight into how their content is faring in the marketplace.

TiVo's Music Discovery Platform — Time, Space, Personal, Local, Context, Global, Trending Data