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BeIA Reference Platform for Home Audio

Aura, the code name for Be's reference platform for home audio devices, represents the next generation of audio component development. Powered by BeIA, the complete IA solution,™ Aura enables rapid, modular and scalable development of feature-rich, internet-enabled home audio devices.

Aura merges analog media, home recordings, and digital input from CD and the internet into one convenient system. Aura devices stream audio broadcasts, download music files, and play back all the popular formats with high-quality, stable and responsive performance. With Aura devices, everyone in the family can easily find, organize and play the music they prefer most. Content can be streamed to every room of the house, or exported to mobile audio players for enjoyment outside the home.

Aura delivers a complete solution for home audio devices.

Key third-party relationships allow users to purchase new content, merchandise, subscriptions and services in a secure environment. Whether users interact through a standard audio control panel or the television screen, Aura's modularity allows device developers to easily match product features to target market segments. BeIA MAP, Be's management and administration platform, can manage content remotely and add new features and functionalities without user interaction.

Aura is a reference design for more than just a net-connected jukebox—it enables delivery of a feature-rich home audio center accessible to the whole household, at home or on the go.

ACQUIRING MUSIC

Encode to MP3 and other formats from analog and digital (CD, internet) sources
Receive streaming audio/internet radio
Import files and playlists in popular formats (MP3, RealAudio, others)
Find new music based on user preferences
Buy music, merchandise, tickets and more on-line
Automatically acquire new music from subscription services, etc.
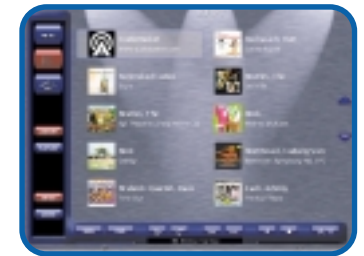
ORGANIZING MUSIC

Automatically acquire and store track information
Display and sort by artist, genre, title, and more
Include extras (album art, lyrics, songwriting credits, others)
Customize content sets for individual users
Build and manage playlists using preferences or automatic generation features
Built-in backup capabilities (local and remote)

EXPERIENCING MUSIC

Basic listening controls (pause songs and broadcasts, shuffle playlists, skip and loop media)
Professional audio enhancement tools (EQ settings, dynamic compression, reverb effects, stereo expansion, noise removal)
Playlist enhancement (match tempo, cross fade)
Stream content using home networking
Export to mobile audio devices
Access audio library from anywhere on the Internet

BeIA MAP

Content and applications hosting
Client and account management
Dynamic code loading and unloading (on-the-fly updates, no rebooting, no user intervention required)
Security ensured

HARDWARE

Input/output for digital and analog audio
CD reader/burner
Internal storage (hard drive)
USB (portable player, memory card, keyboard, printer, hard drive, more)
Built-in LCD front display panel
Infrared remote control
TV out (NTSC, PAL)
Remote access on computing devices (Webpad, others)
Network/internet access via modem, Ethernet, HPNA, wireless