Rockbox is an open source firmware replacement for a growing number of digital audio players. It has been in development since 2001 and receives new features, tweaks and fixes every day to provide you with the best possible music listening experience. Rockbox aims to be considerably more functional and efficient than your device's stock firmware while remaining easy to use and customizable. It is a goal to not only offer a wide range of functionality, but where possible make sure that this functionality is presented in a consistent manner that is easy to learn and use. It is written by users, for users.

Key Features of Rockbox

Feature	Archos	iriver	iPod	iAudio	Gigabeat	Sansa
Support for MP3/2/1, WMA, AAC, Ogg Vorbis, FLAC, A/52 (AC3), Musepack, ADX, Speex, AIFF, ALAC, Wavpack, Shorten, Monkey's	MP3 and WAV only	✔	✔	✔	✔	✔
Gapless playback	✔ (with lame -nogap)	✔	✔	✔	✔	✔
High-resolution volume control, 64-100 levels (model-dependent)	✔	✔	✔	✔	✔	✔
Abilty to create your own themes or use user-uploaded ones	✔	✔	✔	✔	✔	✔
Advanced DSP Features		✔	✔	✔	✔	✔
Cuesheet support	✔	✔	✔	✔	✔	✔
Album Art Support	Not possible	✔	✔	✔	✔	✔
JPEG image and text-file viewing	✔	✔	✔	✔	✔	✔
Doom!	Not possible	✔	✔	✔	✔	✔
MPEG video support	custom video playback	✔	✔	✔	✔	✔
Customizable Tag Database	✔	✔	✔	✔	✔	✔
Unicode support	✔	✔	✔	✔	✔	✔
Advanced On-The-Go playlist creation	✔	✔	✔	✔	✔	✔
Multilingual Interface - 30 supported languages and counting	✔	✔	✔	✔	✔	✔
Optional spoken interface	✔	✔	✔	✔	✔	✔
Many plugins - games, apps, and demos	✔	✔	✔	✔	✔	✔

Rockbox.org