

TOSHIBA

Toshiba Gigabeat F Series User Manual

Digital audio players

| |
|-------------------|
| 1 |
| 2 |
| Table Of Contents |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |
| 8 |
| 9 |
| 10 |
| 11 |
| 12 |
| 13 |
| 14 |
| 15 |
| 16 |
| 17 |

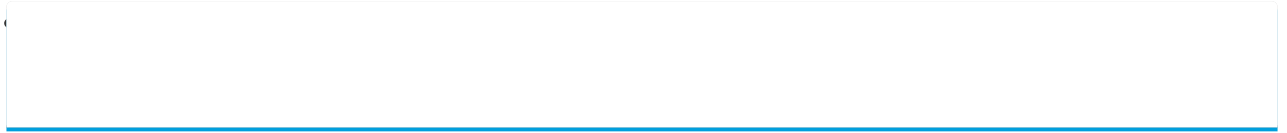
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67

68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117

118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167

168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217

218
219
220
221
222
223
224
225



•

-

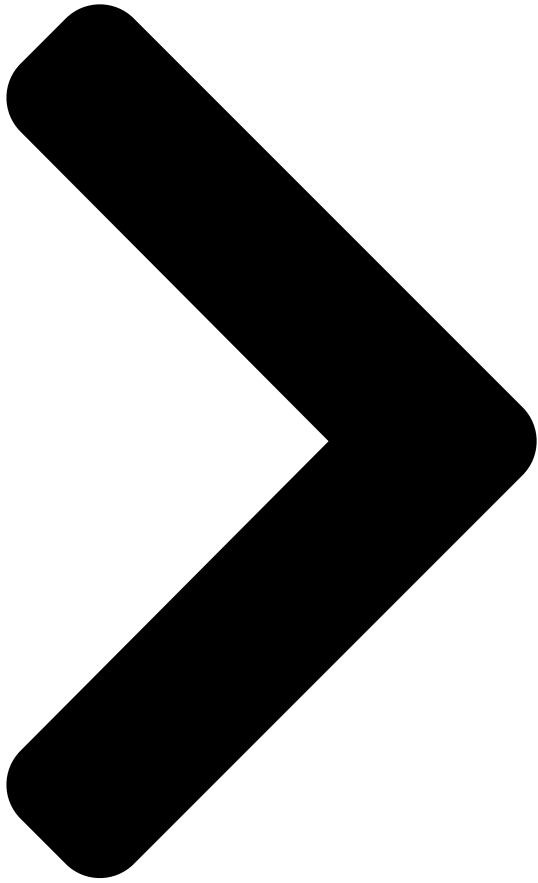
Troubleshooting

•

Bookmarks

[Download this manual](#)

Quick Links



The Rockbox Manual
for
Toshiba Gigabeat F and X Series

rockbox.org
October 30, 2010



Table of Contents

[Next Page](#)

1
2
3
4
5

Related Manuals for Toshiba Gigabeat F Series

[Media Player Toshiba F Series Service Manual](#)

Hdd (53 pages)

[Media Player Toshiba gigabeat F60 Owner's Manual](#)

Toshiba hdd audio player (78 pages)

[Media Player Toshiba V Series Brochure](#)

Toshiba digital camera data specification (2 pages)

[Media Player Toshiba HDD Portable Media Player Gigabeat S 30 Specifications](#)

Portable media player (2 pages)

[Media Player Toshiba Gigabeat F Manual](#)

Rockbox firmware manual (254 pages)

[Media Player Toshiba MET401 User Manual](#)

Portable media player (124 pages)

[Media Player Toshiba DVD VIDEO / CD / VCD 5 DISC CAROUSEL CHANGER Owner's Manual](#)

Dvd video / cd / vcd 5 disc carousel changer; (52 pages)

[Media Player Toshiba STOR.E TV+ User Manual](#)

(56 pages)

[Media Player Toshiba BDX5400KC User Manual](#)

Blu-ray disc and online media player (45 pages)

[Media Player Toshiba BDX2400KC User Manual](#)

Blu-ray disc and online media player (45 pages)

Summary of Contents for Toshiba Gigabeat F Series

[Page 1](#) The Rockbox Manual Toshiba Gigabeat F and X Series rockbox.org October 30, 2010...

[Page 2](#) Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License". The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 3: Table Of Contents](#)

..... 27 The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 4: Contents](#)

.....50 The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 5: Contents](#)

.....71 9. Theme Settings The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 6: Contents](#)

.....119 The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 7](#) 165 The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 8: Contents](#)

..... 188 The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 9: Contents](#)

..... . 211 G.2. The GNU General Public License 219 The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 10: Introduction](#)

To search the list archives simply use the search field that is located on the left side of the website. Furthermore, you can ask on IRC. The main The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 11: Naming Conventions And Marks](#)

Manufacturer and product names are formatted in accordance with the standard rules of English grammar, e.g. "Toshiba playback is currently unsupported". Manufacturer and model names are proper nouns, and thus are written beginning with a capital letter.

[Page 12: Installation](#)

There are three separate components, two of which need to be installed in order to run Rockbox: The Toshiba bootloader. The Toshiba bootloader is the program that tells your player how to load and start the original firmware. It is also responsible for any emergency, recovery, or disk modes on your player.

[Page 13: Automated Installation](#)

Chapter 2. Installation Note: Dual boot does not currently work on the Gigabeat. The Rockbox firmware. Similar to the Toshiba firmware, most of the Rockbox code is contained in a "build" that resides on your player's drive. This makes it easy to update Rockbox.

[Page 14: Manual Installation](#)

1. Download your chosen version of Rockbox from the links in the previous section. 2. Connect your player to the computer via USB as described in the manual that came with your player. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 15: Finishing The Install](#)

In that directory you'll find a file called FWIMG01.DAT. This too may be hidden. Rename the file to FWIMG01.DAT.ORIG. Make sure you spelled that name correctly as it is needed for booting the Toshiba firmware. Warning: If you do not complete this step then you will be unable to uninstall Rockbox without a copy of the original firmware from the original install CD.

[Page 16: Enabling Speech Support \(Optional\)](#)

2.5.2. Manual Uninstallation If you wish to clean up your disk, you may also wish to delete the .rockbox directory and its contents. Turn the Toshiba off. Turn the player back on and the original Toshiba software will load. The Rockbox manual...

[Page 17: Troubleshooting](#)

To fix this, either install Rockbox with the Rockbox Utility which will take care of this for you, or recheck the Manual Install section to see where the files need to be located. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 18: Quick Start](#)

Hold switch, and the headphone socket. The Hold switch puts the player into hold mode when it is switched to the right of the unit. The buttons will have no effect when this is the case. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 19: Turning The Player On And Off](#)

Artist and Album names from your filetree. See section B.20 (page 193) for the requirements for Album Art to work properly. See section (page 182) for a list of supported audio formats. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 20: The First Contact](#)

file. In the file browser this is the file (or directory) that is highlighted by the cursor. From the WPS this is ID3 Tags, Vorbis comments, etc. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 21: Customising Rockbox](#)

3.3. USB Charging When running the player can be charged over USB without connecting to your computer by holding Menu while plugging in. This allows you to continue using the player normally. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 22: Browsing And Playing](#)

Note: The File Browser allows you to manipulate your files in ways that are not available within the Database Browser. Read more about Database in section (page 27). The remainder of this section deals with the File Browser. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 23: File Browser Controls](#)

Enter the Main Menu. Long Menu Long Rewind Switch to the Quick Screen (see section 5.11 (page 45)). A + Menu Activate the Hotkey function (see section (page 40)). The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 24: Context Menu](#)

Cut. Copies the name of the currently selected file or directory to the clipboard and marks it to be 'cut'. Copy. Copies the name of the currently selected file or directory to the clipboard and marks it to be 'copied'. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 25](#) file does not already exist it will be created in the root directory. Note that if you create a shortcut to a file, Rockbox will not open it upon selecting, but simply bring you to its location in the File Browser. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 26: Virtual Keyboard](#)

Also you can switch to Morse code input mode by changing the Use Morse Code Input setting or by pressing A + Power in the virtual keyboard. Note: When the cursor is on the input line, Select deletes the preceding character The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 27: Database](#)

Main Menu and continue to listen to music. If you shut down your player, the scan will continue next time you turn it on. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 28: The Database Menu](#)

This information can be displayed in the WPS and is used in the database browser to, for example, show the most played, unplayed and most recently played tracks. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 29: Using The Database](#)

There is no option to turn off database completely. If you do not want to use it just do not do the initial build of the database and do not load it to RAM. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 30: While Playing Screen](#)

In contrast to all other items, the status bar is always at the top of the screen. (Scrolling) path and filename of the current song. The ID3 track name. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 31: Wps Key Controls](#)

Skip to the next directory. Short Right + + Long Long Right Forward A + Left or Short Rewind + Skip to the previous directory. Short Left + Long Rewind Long Left The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 32: Peak Meter](#)

Show Indices. This toggles display of the line numbering for the playlist Track Display. This toggles between filename only and full path for playlist entries Save Current Playlist. Allows the current playlist to be saved as a .m3u8 playlist file The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 33](#) (0 - 10) to a track which can be displayed in the WPS and used in the Database browser. The value wraps at 10. Bookmarks This allows you to create a bookmark in the currently-playing track. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 34](#) The rate value can be adjusted between 50% and 200%. 50% means half the normal playback speed and a pitch that is an octave The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 35: Working With Playlists](#)

Rockbox always considers the song that it is playing to be part of a playlist, and in some situations, Rockbox will create a playlist automatically. For example, if you are playing the contents of a directory, Rockbox will automatically The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 36: Creating Playlists](#)

Add to playlist adds the selected track or directory to an existing playlist and Add to a new playlist creates a new playlist containing the selected track or directory. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 37: Adding Music To Playlists](#)

Insert. Add track(s) immediately after any tracks added via the most recent Insert operation. If no tracks have yet been added via an Insert, new tracks will be The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 38](#) Dynamic playlists are saved so resume will restore them exactly as they were before shutdown. Note: To view, save or reshuffle the current dynamic playlist use the Playlist sub menu in the WPS context menu or in the Main Menu. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 39: Modifying Playlists](#)

Set the Main Menu Settings General Recursively Insert Directories setting to On if you Settings Playlists would like to include tracks in subdirectories as well as tracks in the currently selected directory. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 40: Hotkeys](#)

The default assignment for the File Browser hotkey is Off, while the default for the WPS hotkey is View Playlist. The hotkey assignments are changed in the Hotkey menu (see section (page 71)) under General Settings. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 41: The Main Menu](#)

File Browser. Changes to settings may therefore not be saved unless the player is shut down safely (see section 3.1.2 (page 19)). The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 42: Navigating The Main Menu](#)

If the Save a list of recently created bookmarks option is enabled then you can view a list of several recent bookmarks here and select one to jump straight to that track. Note: Bookmarking only works when tracks are launched from the file browser, and The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 43: Files](#)

Long Select, and the selection cursor will The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 44: Sound Settings](#)

Create Playlist: Rockbox will create a playlist with all tracks in the current directory and all sub-directories. The playlist will be created one directory level "up" from where you currently are. View Current Playlist: Displays the contents of the playlist currently stored in memory. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 45: Plugins](#)

Menu, it is worth mentioning here. It allows rapid access to your four favourite settings. The default settings are Shuffle (section (page 54)), Repeat (section (page 54)) and the Show Files (section (page 62)) options, but almost all configurable options The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 46](#) Therefore if you select the same setting at e.g. the top and bottom of the quickscreen, then pressing up and down will cycle through this setting in opposite directions. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 47: Sound Settings](#)

The volume can be adjusted from a minimum of -73 dB to a maximum of +6 dB. minimum of -74 dB to a maximum of +6 dB. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 48: Bass](#)

6.6. Stereo Width Stereo width allows you to manually specify the effect that is applied when the Channels setting is set to "custom". All values below 100% will progressively mix the contents of The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 49: Crossfeed](#)

Cross Gain setting. High-Frequency Cutoff. Decides at which frequency the cross path audio will start to be cut by the amount described by the High-Frequency Attenuation setting. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 50: Equalizer](#)

The "gain" parameter controls how much the loudness of the band is adjusted. Positive numbers make the EQ band louder, while negative numbers make that EQ band quieter. The "Q" parameter should The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 51](#) Pre-cut. If too much gain is added through the graphical EQ, your music may distort. The Precut setting allows you to adjust the overall gain of the EQ. If your music distorts when using the EQ, trying changing this setting to a negative value. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 52: Dithering](#)

After enabling this feature and rebooting, you can access this via the Pitch Screen. This function is intended for speech playback and may significantly dilute your listening experience with more complex audio. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 53: Compressor](#)

"pumping." Instead, the gain is allowed to return to normal at the chosen rate. Release Time is the time for the gain to recover by 10 dB. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 54: Playback Settings](#)

To set the Start Point (A) press A + Left. Setting the End Point (B) is done accordingly using A + Right. To reset the markers press A + Select. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 55: Play Selected First](#)

This can occur in two situations: an automatic track change or a manual track skip. An automatic track change occurs at the end of The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 56](#) Out Duration is less than Fade In Delay (which would create a gap in the audio). In this case, the Fade In Delay is reduced to eliminate the gap. The graphic below illustrates how the different settings work in practice. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 57: Replaygain](#)

Track Gain If Shuffling. Maintains a constant volume between tracks if Shuffle is set to Yes. Reverts to album mode if Shuffle is set to No. Off. Do not process replaygain information, i.e. turn off the replaygain function. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 58: Track Skip Beep](#)

Pause and Resume. Pauses when the headphones are removed, and resumes playback when they are reconnected. Duration to Rewind. Number of seconds (between 0 and 15) to rewind playback when the headphones are removed. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 59: Last.fm Log](#)

When resuming a track or a bookmark, a short rewind can be done before the playback is started. This can be useful when listening to speech material, to help remember what The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 60](#) 0 (off) and 60 seconds. Note: The rewind is not done when resuming a paused track. Note: The actual rewind distance may differ a little from the requested value, depending on the file in question. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 61: General Settings](#)

Rockbox to erase the current dynamic playlist. 8.2. File View The File View menu deals with options relating to how the File Browser displays files. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 62](#) file formats. Extensions are stripped. Files and directories starting with . or with the "hidden" flag set are hidden. Playlists. The File Browser displays only directories and playlists, for simplified navigation. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 63: Database](#)

Off the backlight will be turned off immediately when the Hold switch is engaged and if set to On the backlight will be turned on and stay on while the Hold switch is engaged. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 64](#) Long Right/Left. Setting this option to Yes will keep the list entries at their fixed positions and allow them to be scrolled out of view, whereas No will only scroll those entries which surpass the right margin. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 65](#) Western Europe most applications use the setting of your operating system instead. If your operating system uses a different codepage and you are getting garbled extended characters you should adjust this settings. In most cases sticking to "ISO-8859-1" would be sufficient. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 66: System](#)

The Directory Cache takes a small amount of memory away from Rockbox that would otherwise be used to buffer music, but it speeds up navigation in the file browser by eliminating the slight pause between the time a navigation button The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 67: Idle Poweroff](#)

5 seconds after the power is applied. This delay is to allow for the time while the car engine is being started. Once the player is shut off either manually, or automatically with the Idle Poweroff function, it must be powered up manually to resume playback. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 68: Button Light Timeout](#)

Maintain a List of Recent Bookmarks is enabled. Note: The Resume function remembers your position in the most recently accessed track regardless of how the Bookmark on Stop option is set. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 69](#) Enters the context menu for the selected bookmark. There are two options in the context menu: Resume will commence playback of the currently selected bookmark entry. Delete will remove the currently selected bookmark entry from the list. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 70: Language](#)

Voice Filenames. This option controls voicing of filenames. Again, a voice file must be present for this to work. The options provided are Spell, Numbers, and Off which function the same as for Voice Directories. You can use pre-generated The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 71: Hotkey](#)

File Browser Hotkey. These options set the hotkey function for their respective screens (see section (page 40)). The default for the WPS is View Playlist. The File Browser default is Off. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 72: Theme Settings](#)

Scroll Bar. Allows you to choose where the vertical scroll bar should appear. Scroll Bar Width. Allows you to choose the width of the scroll bar (in pixels). Default value is 6. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 73](#) Background Colour. Sets the background colour for the display. Foreground Colour. Sets the colour used for text and icons. Reset Colours. Resets the LCD display to Rockbox's default colours. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 74: Plugins](#)

Open with option on the Context Menu. 10.1. Games See also the Chip-8 emulator in section 10.3.3 (page 130) and Rockboy in section 10.3.11 (page 136). The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 75: Blackjack](#)

Left / Right / Enter betting amount Up / Down Select Hit (Draw new card) / Select Volume down Stay (End hand) Double down Power Pause game and go to menu / Cancel The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 76: Brickmania](#)

Gain a life. Fire Allows you to shoot bricks with paddle. Glue Ball sticks to paddle each time it hits. Ball Immediately fires another ball. Flip Flip left / right movement. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 77: Bubbles](#)

fired. Points are awarded depending on how quickly the level was completed. Remote Key Action Forward Pause game Left / Right Volume Down Aim the bubble / Volume Up Select Fire bubble Power Exit to menu The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 78: Chessbox](#)

When you quit the game the current state will be saved and restored when you resume the game. The menu also allows the user to reload the last game saved, save the current position and start a new game without having to quit the game. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 79: Clix](#)

The more blocks you remove per turn, the more points you get. Remote Key Action Left/Right/ Move the cursor around the blocks Up/Down Select Remove a block Power Exit The Rockbox

manual Toshiba Gigabeat F and X Series...

[Page 80: Chopper](#)

Figure 10.6.: Chopper Navigate a cavernous maze without banging into walls, the ceiling, or the floor. How long can you fly your chopper? Remote Key Action Select Make chopper fly Menu Enter menu The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 81: Codebuster](#)

Dice is a simple dice rolling simulator. Select number and type of dice to roll in a menu and start by choosing "Roll Dice". The result is shown as individual numbers as well as the total of the rolled dice. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 82: Doom](#)

A free alternative for Doom 2 is FreeDoom (<http://freedom.sourceforge.net>). This can be used in place of doom2.wad, or it may be used as an addon in Doom, by placing it in the addons directory. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 83](#) Screen Size. Shrink or Enlarge the displayed portion of the game Gamma. Change the brightness (Gamma) of the game Sound Volume. Change the sound, music and system volume Note: In game music is not currently supported The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 84: Flipit](#)

Select Enter Volume down Change Weapon Playing the game After installation of the wad files is complete you can start the game. more description is needed 10.1.10. Flipit Figure 10.9.: Flipit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 85: Goban](#)

Weiqi, Baduk, Igo and Goe). It uses standard Smart Game Format (SGF) files for sav-
<http://senseis.xmp>. ing and loading games. You can find a short introduction to Go at
<http://senseis.xmp>. and more information about SGF files can be read at The
Rockbox manual Toshiba Gigabeat F and X Series...

[Page 86](#) Context Menu or the A button. There is a comment at the current node. It can be viewed/edited using the Add/Edit Comment menu option of the Context Menu. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 87](#) Basic Info. Shows a quick view of the basic game metadata, if any has been set (otherwise does nothing). This option does not allow editing. Time Limit. The time limit of the current game. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 88](#) Context Menu. The menu for choosing different play modes and tools, adding or editing comments, adding pass moves, or switching between sibling variations. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 89](#) To remove a label, click on it until it cycles through the allowed letters and disappears. Add/Edit Comment. Add or edit a comment at the current node. Done. Go back to the previous screen. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 90: Invadrox](#)

Invadrox is a clone of the classic arcade game Space Invaders. Kill those pesky aliens before they get to you. Remember, they increase speed, drop down and reverse direction after every pass! Remote Key Action Left Move left Right Move right Select Fire Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 91: Jackpot](#)

This is a jackpot slot machine game. At the beginning of the game you have 20\$. Payouts are given when three matching symbols come up. Remote Key Action Select Play Power Exit the game The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 92: Jewels](#)

In puzzle mode the aim of the game is to connect the puzzles, by skilful swapping pairs of jewels. Remote Key Action Left/Right/ Move the cursor around the jewels Up/Down Select Select a jewel Power Menu The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 93: Mazezam](#)

You start the game with three lives. Luckily, there are checkpoints at levels four and eight. Remote Key Action Up, Down, Forward, Move Character Left, Right Rewind, Volume Down, Volume Up Power Menu The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 94: Minesweeper](#)

Move the cursor across the minefield Left / Right Toggle flag on / off Select Reveal the contents of the current square Menu Display the current game status Power Exit the game The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 95: Pacbox](#)

These need to be stored in the /.rockbox/pacman/ directory on your player. In the MAME ROMs collection the necessary files can be found in pacman.zip and puckman.zip. The MAME project itself can be found at <http://www.mame.net>. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 96: Pegbox](#)

To beat each level, you must destroy all of the pegs. If two like pegs are pushed into each other they disappear except for triangles which form a solid block and crosses which allow you to choose a replacement block. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 97: Pong](#)

Pong is a simple two player "tennis game". Whenever a player misses the ball the other scores. Remote Key Action Left player up Down Left player down Volume up Right player up Volume down Right player down Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 98: Reversi](#)

Robot must touch items to determine if they are kitten or not. The game ends when robotfindskitten. Remote Key Action Up, Down, Forward, Move robot Left, Right Rewind, Volume Down, Volume Up Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 99: Rockblox](#)

Remote Key Action Restart game Left Move left Right Move right Down Move down Volume up Rotate anticlockwise Volume down Rotate clockwise Select Drop Hold switch Pause Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 100: Rockblox1D](#)

(and including it) is a comment and is ignored. Remote Key Action Select Play/pause Down Rewind Change growth mode Right Volume Up Next generation Left Volume Down Status (only when paused) Power Exit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 101: Sliding Puzzle](#)

Left, Right, Up Move Tile and Down Select Shuffle Switch between pictures (default puzzle, album art, and your own image if launched via Open With), and numbered tiles Power Stop the game The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 102: Snake](#)

The game will end when the snake touches either the borders of the screen or itself. Remote Key Action Up/Down Change levels (1 is slowest, 9 is fastest) Select Toggle Play/Pause The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 103: Snake 2](#)

Pause and resume the game Power Quit In game A, the maze stays the same, in game B after an increasing number of apples eaten the maze is replaced by a new one. The Rockbox manual

Toshiba Gigabeat F and X Series...

[Page 104: Sokoban](#)

Sokoban may be used as a viewer for viewing saved solutions and playing external level sets with the .sok extension. Level sets should be in the standard Sokoban text format or RLE (Run Length Encoded). For more information about the level format, http://sokobano.de/wiki/index.php?title=Level_format The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 105](#) Some places where can you can find level sets:

<http://www.sourcecode.se/sokoban/levels.php> <http://sokobano.de/en/levels.php> Note that some level sets may contain levels that are too large for this version of Sokoban and are unplayable as a result. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 106: Solitaire](#)

Microsoft's inclusion of the the game in every version of Windows. Though popular, the odds of winning are rather low, perhaps one in thirty hands. [http: For the full set of rules to the game, and other interesting information visit //www.solitairecentral.com/rules/klondike.html](http://www.solitairecentral.com/rules/klondike.html) The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 107: Spacerocks](#)

Spacerocks is a clone of the old arcade game Asteroids. The goal of the game is to blow up the asteroids and avoid being hit by them. Once in a while, a UFO will appear – shoot this for extra points. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 108: Star](#)

filled circle, which can take "o"s, and the filled square, which is used as a mobile wall to allow your filled circle to get to places on the screen it could not otherwise reach. The block cannot take "o"s. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 109: Sudoku](#)

The selected Sudoku will get loaded and you can start solving it. The sudoku games need to be stored as text files with the extension .ss as single file per game. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 110](#) Power Quit Some places where can you can find .ss files: Simple Sudoku (Advanced Puzzle Packs 1 and 2 located near the bottom of that <http://www.angusj.com/sudoku/> page): <http://kjell.haxx.se/sudoku/> Kjell's Sudoku generator/solver: The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 111: Wormlet](#)

Dead worms are no fun. Be careful as your worm will try to eat anything that you steer it across. It won't distinguish whether it is edible or not. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 112](#) Growing: When a worm has eaten a piece of food it starts growing. For each step it moves over food it can grow by one pixel. One piece of food lasts for 7 steps. After The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 113](#) 1 pixel wide U-turn. You also could move from food to food and make sure you keep between your opponent and the food. So you can always reach it before your opponent. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 114: Xobox](#)

To finish a level you have to section off more than 75%. Remote Key Action Up, Down, Move around the arena Left, Right Pause Power Open menu The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 115: Demos](#)

Available options are: Xdist/Ydist. The distance to X axis and Y axis respectively Xadd/Yadd. How fast the code moves on the sine curve on each axis Xsane/Ysane. Changes the appearance

of the bouncing. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 116: Credits](#)

Display at maximum frame rate Select Pause Menu Cycle draw mode Right / Left Select axis to adjust Up / Down Change speed/angle (speed can not be changed while paused) Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 117: Demystify](#)

Demystify is a screen saver like demo. Remote Key Action Left / Right Volume Down Increase / decrease speed / Volume Up Up / Down Forward / Add / remove polygon Rewind Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 118: Fire](#)

Fire is a demo displaying a fire effect. Remote Key Action Up / Down Forward / Increase / decrease number of flames Rewind Left Volume Down Toggle flame type Right Volume Up Toggle moving flames Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 119: Fractals](#)

Demo showing the Rockbox logo bouncing around the screen. Remote Key Action Right / Left Increase / decrease speed on the x-axis Up / Down Increase / decrease speed on the y-axis Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 120: Mosaique](#)

Chapter 10. Plugins 10.2.8. Mosaique Figure 10.36.: Mosaique This simple graphics demo draws a mosaic picture on the screen of the player. Press Power to quit. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 121: Oscilloscope](#)

Toggle whether to scroll or not Toggle drawing orientation Pause the demo Volume up / Increase / decrease volume Volume down Right / Left Increase / decrease speed Power Exit demo The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 122: Pictureflow](#)

PictureFlow will accept album art larger than the dimensions of the screen, but the larger the dimensions, the longer they will take to scale. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 123](#) Show album title. Allows setting the album title to be shown above or below the cover art, or not at all. Resize Covers. Set whether to automatically resize the covers or to leave them at their original size. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 124: Plasma](#)

Plasma is a demo displaying a 80's style retro plasma effect. Remote Key Action Up / Down Forward / Increase / decrease Frequency Rewind Select Change Color Power / Long Exit Power The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 125: Snow](#)

Figure 10.40.: Have you ever seen snow falling? This demo replicates snow falling on your screen. If you love winter, you will love this demo. Or maybe not. Press Power to quit. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 126: Starfield](#)

Figure 10.41.: Starfield Starfield simulation (like the classic screensaver). Remote Key Action Right / Left Increase / decrease number of stars Up / Down Increase / decrease speed Select Change colours Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 127: Vu Meter](#)

10.3. Viewers Viewers are plugins which are associated with specific file extensions. They cannot be run directly but are started by "playing" the associated file. Viewers are stored in the

/.rockbox/rocks/viewers/ directory. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 128: Shortcuts](#)

(The file will be created if it does not exist yet.) You can later rename the automatically created shortcuts.link file or move it to another directory if you wish. Subsequent calls of the context menu will create it again. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 129: Bmp Viewer](#)

Move around in zoomed in image Left / Right Volume up Zoom in Volume down Zoom out A+Right Next bmp in directory A+Left Previous bmp in directory Menu Show menu / Abort Power Quit the viewer The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 130: Chip-8 Emulator](#)

For example, a file containing the single line: Code 0122458469ABCDEF would correspond to the following non-default mappings: 2, 6 8, 7 4, 8 The default keymappings are: Chip8 Off Some places where can you can find .ch8 files: The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 131: Frotz](#)

A Beginner's Guide to Playing Interactive Fiction: IFGuide/ Remote Key Action Forward Display keyboard to enter text Select Press enter Power Open Frotz menu (not available at MORE prompts) Long Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 132: Jpeg Viewer](#)

10.3.6. Lua scripting language To quote from the Lua website (<http://www.lua.org>), Lua is a "powerful, fast, lightweight, embeddable scripting language". Select a .lua file in the File Browser to run it. For The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 133: Midiplay](#)

To play a video file, you just select it in the Rockbox File Browser. If your file does not have the .mpg extension but is encoded in the supported format, you will need to use the Open With... context menu option and choose mpegplayer. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 134](#) Clear all resumes: x Discard all x resume points. Quit mpegplayer Exit the plugin. Display Options Menu Dithering (default: off) Prevent banding effects in gradients by blending of colours. (only available on Sansa e200, Sansa c200 and Gigabeat F/X) The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 135: Png Viewer](#)

Change Slideshow Timeout. You can set the timeout for the slideshow between 1 sec- ond and 20 seconds. Show Playback Menu. From the playback menu you can control the playback of the currently loaded playlist and change the volume of your player. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 136: Ppm Viewer](#)

Rockboy is a Nintendo Game Boy and Game Boy Color emulator for Rockbox based on the gnuboy emulator. To start a game, open a ROM file saved as .gb or .gbc in the file browser. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 137: Search](#)

10.3.13. Shopper Shopper is a shopping list plugin which allows you to maintain reusable shopping lists. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 138: Sort](#)

You can view files without a .txt or .nfo extension by using Open with from the Context Menu (see section 4.1.2 (page 24)). You can also bookmark pages. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 139](#) Normal Break lines at newline characters. Join Join lines together. Expand Add a

blank line at newlines. Useful for making paragraphs clearer in some book style text files.
Reflow Lines Justify the text. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 140](#) fits on one screen, there is no scrollbar and this setting has no effect. No Do not display the vertical scroll bar. Yes Display the vertical scroll bar. Scroll Mode Change the function of the "Scroll-up" and "Scroll-down" buttons. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 141](#) Show Playback Menu Display the playback menu to allow control of the currently playing music without leaving the plugin. Select Bookmark Select a saved bookmark. In the screenshot below, the "*" denotes the current page. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 142](#) Quit Exits the plugin. The text viewer automatically stores its settings, the current position and bookmarks in .rockbox/rocks/viewers/viewer_file.dat. Bookmarks To add a bookmark, press Select. The bookmark will be displayed as shown below. To delete the bookmark press the same button again. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 143: Theme Remove](#)

Remove if not Used. Selecting this option will remove the file automatically, if it is not used by another theme in the theme directory and not currently used. Never Remove. Selecting this option will always skip deleting the file. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 144: Vbrfix](#)

Note: VBRfix can only run when music is turned off (since it uses the same memory as the player) and can take a while to complete if run on big files. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 145: Zxbox](#)

"Kempston" joystick. Per default the buttons, including an additional but fixed menu button, are assigned as follows: Remote Key Action Up/Down/ Directional movement Left/Right Select Jump/Fire Menu Open ZXBox menu The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 146](#) It is possible to hack graphics to make them better visible with the help of an utility such as the "Spectrum Graphics Editor". Useful tools can be found at the "World of Spectrum" site (<http://www.worldofspectrum.org/utilities.html>). The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 147: Applications](#)

The file is written to the root directory of your player and is called battery_bench.txt. The plugin will continue to log info until: Another plugin is loaded. The player is shut down. The battery is empty. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 148](#) Rockbox shut down due to low battery then there will not be enough power remaining to write the data to disk. Therefore all measurements since the previous save will be lost. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 149: Calculator](#)

Remote Key Action Left / Right / Move around the keypad Up / Down Select Select a button Delete last entered digit or clear after calculation Menu Calculate Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 150: Calendar](#)

Remote Key Action Left / Right / Move the selector Up / Down Select Show memos for the selected day Volume up / Previous / Next month Volume down Power Quit The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 151: Chess Clock](#)

Then the maximum round time is entered. For example, this could be used to play Scrabble for a maximum of 15 minutes each, with each round taking no longer than one minute. Done.

Player 1 starts in paused mode. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 152: Clock](#)

"ROUND UP!" is shown (press NEXT to continue). When the total time is up for a player the message "TIME UP!" is shown. The player will then be removed from the timer. 10.4.6. Clock
Figure 10.51.: Clock The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 153](#) Idle Poweroff Toggle Idle Poweroff. Note: This setting is not saved to disk. Help
Opens a brief help screen with key mappings and functionality. Credits Displays a credits roll.
The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 154](#) For help on reading http://en.wikipedia.org/wiki/Binary_numeral_system binary,
please visit: Plain mode This mode shows a "plain" clock in large text that takes up nearly the
whole LCD. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 155: Disk Tidy](#)

Enter Keybox after prompting for a new master password. Entries are automatically saved when
the plugin is exited. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 156: Lamp](#)

The time tag must be in the form [mm:ss], [mm:ss.xx], or [mm:ss.xxx] where mm is minutes, ss
is seconds, xx is tenth of milliseconds, and xxx is milliseconds. Any other tags and lines without
time tags are ignored. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 157](#) files will be searched for, in this order. .ext is one of the supported extensions from
the list above, and will be searched for in the same order as in that list.
/Music/Artist/Album/Title.ext /Music/Artist/Title.ext /Music/Title.ext /Title.ext
/Music/Artist/Album/Lyrics/Title.ext /Music/Artist/Lyrics/Title.ext /Music/Lyrics/Title.ext
/Lyrics/Title.ext /Lyrics/Musics/Artist/Album/Title.ext /Lyrics/Musics/Artist/Title.ext
/Lyrics/Musics/Title.ext /Lyrics/Title.ext The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 158](#) Encoding. Sets the codepage used in the plugin. Read ID3 tag. Read lyrics from id3
tags in mp3 files. Lrc Directory. Set the directory where lyrics files are stored, must be a
maximum of 63 bytes. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 159: Md5Sum](#)

Forward / Adjust volume Rewind 10.4.13. Random Folder Advance Configuration This plugin is
used to configure the folders which will be considered when the Auto- Change Directory feature
is set to Random. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 160: Resistor Calculator](#)

The resistor calculator is a plugin that works in 3 modes: Colour to Resistance In Colour to
Resistance mode, use the menus to select the colours of the bands of a resistor which you
would like to know the resistance of. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 161: Rockpaint](#)

Rockpaint is a bitmap (.bmp) editor for Rockbox. It can open any .bmp file whose di- mensions
are the same size as your device's screen or smaller; it can also create empty bitmaps for you
to work with. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 162](#) Text tool "Draws" text on the image. Filled rectangle Same as the Rectangle tool,
but fills it with colour. Filled circle Same as the Circle tool, but fills it with colour. The Rockbox
manual Toshiba Gigabeat F and X Series...

[Page 163](#) Action Power Quits Rockpaint immediately. Left / Right / Moves the cursor around.
Up / Down Menu Displays the Main Menu. Displays the toolbar. Select Toggles the brush and
selects objects. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 164: Stats](#)

The stats-plugin simply counts the number of files, music files and directories on your player.
Press Power to abort counting and exit the plugin. Press it again to quit after counting has

finished. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 165: Stopwatch](#)

If you start the Text Editor from the plugin browser you will be greeted with a blank screen. When started from the Open with menu item your file should be shown on the The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 166](#) Remote Key Action Select or Right Forward Edit Line / Select Character Left or Power Rewind Exit / Abort Editing Menu Menu Show Item Menu Long Select Long Menu Delete Line The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 167: Advanced Topics](#)

find the instructions on the Rockbox website: 11.1.4. Changing Filetype Colours Rockbox has the capability to modify the File Browser to show files of different types in different colours, depending on the file extension. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 168](#) filename is replaced by the filename you used when creating the .colours file. Save this file as e.g. colours.cfg in the /.rockbox/themes directory and then activate the config file from the menu as normal (Settings Theme Settings Browse Theme Files). The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 169: Loading Backdrops](#)

This displays the menu starting at 15px from the left of the screen and 20px from the top of the screen. It is 100px wide and 150px high. The font and the foreground/background colours are defined in the theme .cfg file or in the Theme Settings menu. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 170: Configuring The Theme](#)

Note: Keep in mind that your player's resolution is 240 320 16 (with the last number giving the colour depth in bits) when designing your own WPS, or if you use a WPS designed for another target. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 171](#) %sThe user font is used, and the foreground and background are set to black %sand white respectively. Viewport definition Default value width/height remaining part of screen font user defined foreground/background defined by theme colours The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 172: Info Viewport \(Sbs Only\)](#)

%VI tag. The ' . . . ' parameters use the same logic as the %V tag explained above. %VI('label') Set the Info Viewport to use the viewport called label, as declared with the previous tag. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 173: Additional Fonts](#)

Example: %lg is the genre name used in the next song and %Ff is the mp3 frequency. Note: The next song information will not be available at all times, but will most likely The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 174](#) Display the filename continuously. Note that by using a subtitle display time of 0 in one branch of a conditional, a subtitle can be skipped (not displayed) when that condition is met. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 175: Managing Rockbox Settings](#)

files. A configuration file is simply a text file with the extension .cfg. A configuration file may reside anywhere on the disk. Multiple configuration files are permitted. So, for example, you could have a car.cfg file for the settings that you use The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 176: Specifications For .Cfg Files](#)

Rockbox starts up (e.g. to set the volume to a safe level). Format a new configuration file as above with the required setting(s) and save it into the /.rockbox directory with the filename

fixed.cfg. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 177: The Manage Settings Menu](#)

11.5. Optimising battery runtime Rockbox offers a lot of settings that have high impact on the battery runtime of your player. The largest power savings can be achieved through disabling unneeded hardware The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 178: Display Backlight](#)

Therefore the bitrate of the audio files does have an impact on the battery runtime as well. Lower bitrate audio files will result in longer battery runtime. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 179: Sound Settings](#)

In general all kinds of sound processing will need more CPU time and therefore consume more power. The less sound processing you use, the better it is for the battery runtime (for options see section (page 47)). The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 180: A. File Formats](#)

Appendix A. File formats The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 181: Supported File Formats](#)

Text File Display the text file using the text .txt viewer plugin Voice file Allow Rockbox to speak menus .voice While Playing Screen Load the new WPS display config- .wps uration The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 182: Supported Audio Formats](#)

files may fail. Sony Audio .oma, .aa3 RealAudio .rm, .ra, .rmvb Speex .spx Dialogic telephony type .vox Windows Media Audio Standard .wma, .wmv, .asf Windows Media Audio Professional .wma, .wmv, .asf The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 183: Lossless Codecs](#)

Waveform audio format linear pcm 8/16/24/32 bit. .wav IEEE float 32/64 bit ITU-T G.711 a-low/ - low Microsoft ADPCM Intel DVI ADPCM(IMA ADPCM) 2/3/4/5 bit Dialogic OKI ADPCM YAMAHA ADPCM Adobe SWF ADPCM Wavpack The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 184: Other Codecs](#)

.cmc, .cm3, .cmr, .cms, .dmc, .dlt, .mpt, .mpd Synthetic music Mobile Application Format Supports .mmf PCM/ADPCM only .mod NES Sound Format .nsf, .nsfe Atari SAP .sap Sound Interface Device .sid SPC700 .spc The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 185: Theme Tags](#)

Remember that this information is not always available, so use the conditionals to show alternate information in preference to assuming. These tags, when written with a capital "I" (e.g. %Ia or %Ic), show the information for the next song to be played. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 186: Viewports](#)

"p" if the charger is connected (only on targets that can charge batteries) "c" if the unit is currently charging the battery (only on targets that have software charge control or monitoring) Remaining time of the sleep timer (if it is set) The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 187: Information About The File](#)

%d(1) is "Isola", %d(2) is "Kent" and %d(3) is "Rock". These tags, when written with the first letter capitalized (e.g. %Fn or %D(2)), produce the information for the next file to be played. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 188: Playlist/Song Info](#)

(0 the current track, 1 is the next track, etc.). 'code to render' is a line of skin code which will be displayed for each line in the viewer. All text tags are supported (including conditionals and sublines) The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 189: Runtime Database](#)

(x.y dB). used conditional, Replaygain type use:
%?rg<Off|Track|Album|TrackShuffle|AlbumShuffle|No tag> B.11. Hold Description "h" if the main unit keys are locked B.12. Virtual LED Description "h" if the hard disk is accessed The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 190: B.13.Repeat Mode](#)

%?Lt<%Lt> to display the title within the viewport. If %Lt is present anywhere in the .sbs, then the %Vi viewport will not show the title. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 191: B.17.Changing Volume](#)

The value of the Rockbox setting with the specified name. See %St(<setting section (page 199) for the list of the available settings. name>) Examples: 1. As a simple tag: %St(skip length) 2. As a conditional: %?St(eq enabled)<Eq is enabled|Eq is disabled> The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 192: B.19.Images](#)

%x(a,bg.bmp,37,109) 2. Load a bitmap strip containing 5 volume icon images (all the same size) with image ID "M", and then reference the individual sub-images in a conditional:
%xl(M,volume.bmp,134,153,5) %?pv<%xd(Ma)|%xd(Mb)|%xd(Mc)|%xd(Md)|%xd(Me)> Note:
The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 193: B.20.Album Art](#)

(a list in braces means that those file extensions are tried in that order): 1.
./filename.{jpeg,jpg,bmp} 2. ./albumtitle.{jpeg,jpg,bmp} 3. ./cover.{jpeg,jpg,bmp} 4.
./folder.jpg 5. ./rockbox/albumart/albumartist-albumtitle.{jpeg,jpg,bmp} 6.
../albumtitle.{jpeg,jpg,bmp} 7. ../cover.{jpeg,jpg,bmp} The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 194: How To Display The Album Art](#)

1. Load albumart at position 20,40 and display it without resizing: %Cl(20,40,,) 2. Load albumart at position 0,20 and resize it to be at most 100 100 pixels. If the image isn't square, align it to the bottom-right corner: %Cl(0,20,100,100,r,b) The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 195: B.21.Alignment And Language Direction](#)

0 dB, "Volume OK" if it is lower. %?if(%ia, =, %la)<same artist> - this artist and the next artist are the same. Note: When performing a comparison against a string tag such as %ia, only = and != The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 196: B.23.Subline Tags](#)

(like the Gigabeat F and X Series), or alternate information on those that do not. Example:
%?cc<%cH:%cM|No clock detected> The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 197: B.25.Text Translation](#)

- don't draw the bar, only its frame (for use with the "slider" option). nobar - don't draw the bar or its frame (for use with the "slider" option). The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 198: B.27.Other Tags](#)

(given that the text is displayed; see conditionals above). You can specify up to ten scrolling lines. Scrolling lines can not contain dynamic content such as timers, peak meters or progress bars. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 199: Config File Options](#)

0 to 2500 scroll step devise a way to get ranges pixels from config-*.h screen scroll step devise a way to get ranges pixels from config-*.h Screen Scrolls Out Of on, off View The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 200](#) file off, number, spell talk file clip off, on talk filetype off, on talk menu off, on Announce Battery Level off, on The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 201](#) 60 to 240 0.1 dB crossfeed hf cutoff 500 to 2000 eq enabled on, off eq precut 0 to 240 0.1 dB eq band 0 cutoff 0 to 32768 The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 202](#) 0 to 89 /(dB) or 0 to 100 (%) dB or % statusbar off, top, bottom scrollbar off, left, right scrollbar width 3 to LCD width / 10 (devise a pixels way to get ranges from config-*.h) The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 203](#) 000000 to FFFFFFF RRGGBB line selector end colour 000000 to FFFFFFF RRGGBB line selector text colour 000000 to FFFFFFF RRGGBB filetype colours /path/filename.colours time format 12hour, 24hour The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 204: Menu Overview](#)

Appendix D. Menu Overview D. Menu Overview include an overview of the menu structure here The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 205: User Feedback](#)

2. Check that the feature has not already been implemented. Download the latest current/daily build and/or search the mail list archive. 3. Check that the feature is possible to implement (see section E.2.2 (page 206)). The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 206: Features We Will Not Implement](#)

Remember, DRM achieves part of it's security through obscurity, and publishing the keys necessary to decrypt DRM'd media would essentially render it useless. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 207: Credits](#)

Itoh · David J. Song · Jeong Taek · Barry McIntosh · Leslie Donald- In · Anders Kagerin · Peter D'Hoye son · Lee Pilgrim · Zakk Roberts · Ben Basha · Brandon Low · Nathan The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 208](#) Ginkel · Adam Gashlin · Robert Kukla hoff · Ken Fazzino · David Bishop · David Quesada · Jared Stafford · Hein-Pieter van Braam · Przemysław · Martin Hensel · Stéphane Doyon Hołubowski · Stepan Moskovchenko The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 209](#) Zhukovsky · Daniel Kluz · Phinit- Dinel · Francesco Rigoni · Joël Puik nun Chanasabaeng · Tse-Hsien Chiang · Klaas Bosteels · Teruaki Kawashima · Szymon Dziok · Domenico Di Misa The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 210](#) · The libpng team · The Pure · Rodrigo Barretto · Daniel Rigby Data team (Miller Puckette and oth- · Alexey Polkhirev · István Nagy ers) · Wojciech Lesniak · Tuomas Airaksi- The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 211: Licenses](#)

Any member of the public is a licensee, and is addressed as "you". You accept the license if you copy, modify or distribute the work in a way requiring permission under copyright law. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 212](#) A section "Entitled XYZ" means a named subunit of the Document whose title either The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 213](#) Transparent copy of the Document, free of added material. If you use the latter

option, you must take reasonably prudent steps, when you begin The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 214](#) Modified Version as given on the Title Page. If there is no section Entitled "History" in the Document, create one stating the title, year, authors, and publisher of the Document as given The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 215](#) The author(s) and publisher(s) of the Document do not by this License give permission to use their names for publicity for or to assert or imply endorsement of any Modified Version. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 216](#) Texts may be placed on covers that bracket the Document within the aggregate, or the electronic equivalent of covers if the Document is in electronic form. Otherwise they must appear on printed covers that bracket the whole aggregate. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 217](#) Copyright c YEAR YOUR NAME. Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documenta- tion License, Version 1.2 or any later version published by the Free Software The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 218](#) If your document contains nontrivial examples of program code, we recommend re- leasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 219: The Gnu General Public License](#)

The precise terms and conditions for copying, distribution and modification follow. GNU General Public License The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 220](#) License. (Exception: if the Program itself is interactive but does not normally print The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 221](#) (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable. The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 222](#) Many people have made generous contributions to the wide range of software distributed through that system in The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 223](#) 12. In no event unless required by applicable law or agreed to in writ- ing will any copyright holder, or any other party who may modify The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 224](#) Also add information on how to contact you by electronic and paper mail. If the program is interactive, make it output a short notice like this when it starts in an interactive mode: The Rockbox manual Toshiba Gigabeat F and X Series...

[Page 225](#) If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License. The Rockbox manual Toshiba Gigabeat F and X Series...