AKAMATE FX 100

AKAMATE FX100 MP3 Player User Manual

Model: FX 100

1. INTRODUCTION AND OVERVIEW

The AKAMATE FX100 MP3 Player is a versatile and compact music device designed for portable audio enjoyment. It features a 2.4-inch TFT LCD screen, Bluetooth 4.2 connectivity, and 16GB of internal storage, expandable up to 128GB via a Micro SD card. Beyond music playback, this device offers a range of functionalities including FM radio, one-click recording, video playback, picture browsing, e-book reading, and a built-in pedometer.
Its sleek, uni-body design crafted from CNC Aluminum Alloy makes it ultra-slim and lightweight, ideal for use during travel, exercise, or daily commutes. The intuitive interface ensures ease of use for all functions.

Figure 1.1: Front and back view of the AKAMATE FX100 MP3 Player, showcasing its compact design and screen.

2. WHAT'S IN THE BOX

Upon opening your AKAMATE FX100 MP3 Player package, you should find the following items:

- 1 x AKAMATE MP3 Player (Model FX100)
- 1 x Wired Earphone
- 1 x 3.5mm Audio Cable

- 1 x Type-C to USB 2.0 Charging Cable

- 2 x OTG Adapters (1 Micro USB, 1 Type-C)

- 1 x TPU Rubber Protective Skin Case

- 1 x Running Armband

- 1 x User Guide (this manual)

Figure 2.1: All components included in the AKAMATE FX100 MP3 Player package.

3. PRODUCT FEATURES

3.1. High-Resolution Display & Design

The AKAMATE FX100 features a vibrant 2.4-inch TFT LCD screen (240*320 resolution) that provides clear and vivid visuals for photos, videos, and menu navigation. Its ultra-slim (8.8 mm) and lightweight (2.46 ounces) design ensures maximum portability without compromising on durability, thanks to its CNC Aluminum Alloy casing.

Figure 3.1: The slim profile and light weight of the AKAMATE FX100, making it highly portable.

3.2. Multifunctional Capabilities

This MP3 player is more than just a music device. It supports a wide array of functions:

- Music Playback (MP3/WAV/WMA/APE/FLAC formats)
- Bluetooth 4.2 Connectivity for audio output (headphones, speakers)
- FM Radio (requires wired earphones)
- One-Click Voice Recording (WAV/MP3 formats, 5-8 meter range)
- Video Playback (AMV/AVI with 240*320 resolution)
- Picture Browsing (JPG/BMP formats)
- E-book Reading (TXT format, within 10MB)
- Pedometer for tracking steps
- A-B Repeat function for audio segments
- Lyric Sync (LRC format)
- Built-in Speaker

- One-button Lock for screen protection

Figure 3.2: Overview of the AKAMATE FX100's diverse functionalities accessible via its user interface.

One-Click Voice Recorder

Unique **RED**DOT Record Design. DSP Noise Reduction Technology with High-sensitivity Microphone.

Figure 3.3: The dedicated one-click voice recorder button for convenient audio capture.

3.3. Superior Sound & Storage

Experience high-fidelity, lossless sound quality with the AKAMATE FX100. Its advanced technology ensures exceptional clarity for your audio. With 16GB of internal memory, you can store approximately 5,000 songs (assuming 3MB per song), and it supports external Micro SD HC cards up to 128GB for expanded storage.
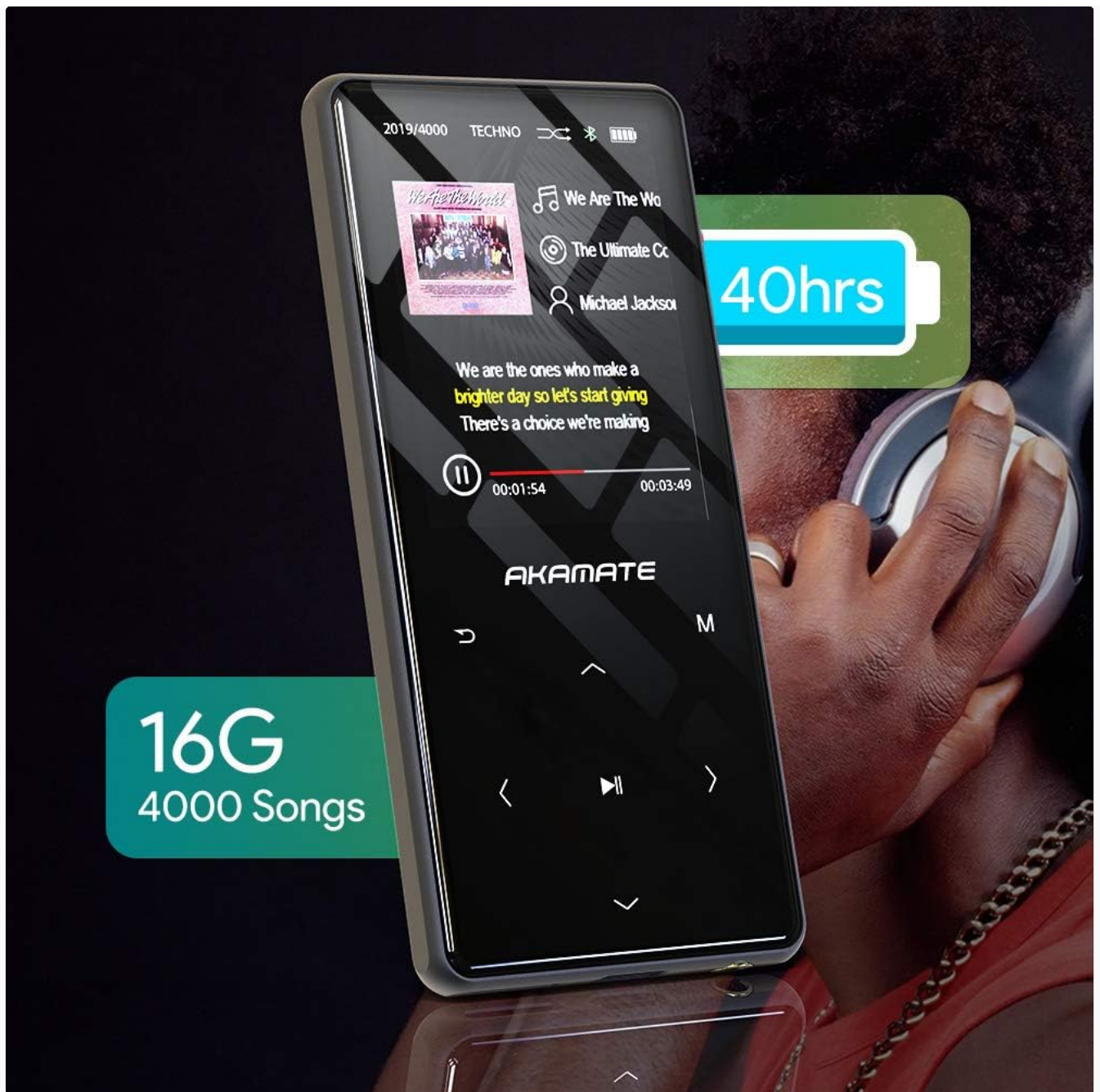
Figure 3.4: Visual representation of the player's storage capacity and impressive battery life.

3.4. Long Battery Life & Fast Charging

The device is equipped with a 3.7V/500mAh battery, offering up to 40 hours of audio playback on a single charge. It utilizes a Type-C interface for high-speed charging, significantly reducing charging time compared to standard MP3 players.

Figure 3.5: The MP3 player's Bluetooth connectivity allows for wireless audio streaming to compatible devices.

4. SETUP

4.1. Device Layout

Familiarize yourself with the buttons and ports on your AKAMATE FX100 MP3 Player:

1.One-Click Record

2.Volume +

3.Volume -

4.Microphone

5.Power/Keyboard Lock

6.Return Button

7.Manage Option Button

8.Up Button

9.Previous Song/Last Song

10.Play/Pause

11.Next Song/Forward Song

12.Down Button

13.Speaker

14.Display Screen

15.Earphone Jack

16.Type-C Slot

17.TF Card Slot

Figure 4.1: Detailed diagram of the AKAMATE FX100 MP3 Player's physical features and controls.

1. **One-Click Record:** Red button on the side for instant voice recording.

2. **Volume +:** Increase volume.

3. **Volume -:** Decrease volume.

4. **Microphone:** For voice recording.

5. **Power/Keyboard Lock:** Power on/off and lock/unlock screen.

6. **Return Button:** Navigate back in menus.

7. **Manage Option Button:** Access options within menus.

8. **Up Button:** Navigate up in menus.

9. **Previous Song/Last Song:** Go to previous track or rewind.

10. **Play/Pause:** Control media playback.

11. **Next Song/Forward Song:** Go to next track or fast forward.

12. **Down Button:** Navigate down in menus.

13. **Speaker:** Built-in audio output.

14. **Display Screen:** 2.4-inch TFT LCD screen.

15. **Earphone Jack:** 3.5mm port for wired earphones.
16. **Type-C Slot:** For charging and data transfer.
17. **TF Card Slot:** For Micro SD card expansion.

4.2. Initial Charge

Before first use, fully charge your MP3 player using the provided Type-C to USB 2.0 Charging Cable. Connect the Type-C end to the player's Type-C slot and the USB-A end to a compatible USB power adapter (not included) or a computer's USB port. The battery indicator on the screen will show charging status.

4.3. Connecting to a Computer & Transferring Files

To transfer music, videos, photos, or e-books to your MP3 player:

1. Connect the MP3 player to your computer using the provided Type-C to USB 2.0 Charging Cable.
2. The player is universally compatible with Windows Vista/2000/XP/7/8/8.1/10 and Mac OS 10.
3. Your computer should recognize the device as a removable disk.
4. Drag and drop your desired files (audio, video, images, TXT files) into the appropriate folders on the player's internal storage or inserted TF card.
5. Once transfer is complete, safely eject the device from your computer before disconnecting the cable.

Note: The playlist displays up to 4,000 songs. If you have more, they will still be stored but may not appear in the main playlist view.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off & Screen Lock

- **Power On:** Press and hold the Power/Keyboard Lock button (5) until the AKAMATE logo appears.
- **Power Off:** Press and hold the Power/Keyboard Lock button (5) until the screen turns off.
- **Screen Lock:** Briefly press the Power/Keyboard Lock button (5) to lock the screen and prevent accidental presses. Repeat to unlock.

5.2. Menu Navigation

Use the navigation buttons to move through the menus:

- **Up Button (8) / Down Button (12):** Scroll through menu options.
- **Play/Pause Button (10):** Select an option or confirm an action.
- **Return Button (6):** Go back to the previous screen or menu.
- **Manage Option Button (7):** Access specific options within an application (e.g., music settings).

5.3. Music Playback

1. From the main menu, select "Music" and press the Play/Pause button (10).
2. Navigate through your music library (Artists, Albums, Songs, Playlists, etc.).
3. Select a song and press Play/Pause (10) to begin playback.
4. Use Volume + (2) and Volume - (3) to adjust the volume.
5. Use Previous Song (9) and Next Song (11) to skip tracks.

6. Press Play/Pause (10) to pause or resume playback.

7. To fast-forward or rewind within a song, press and hold Previous Song (9) or Next Song (11).

8. The device supports Lyric Sync (LRC format) if compatible lyric files are present.

5.4. Bluetooth Connectivity

The Bluetooth function is for audio output only (e.g., connecting to Bluetooth headphones or speakers). It cannot be used for data transfer with mobile phones.

1. From the main menu, select "Bluetooth" and press Play/Pause (10).

2. Ensure your Bluetooth audio device is in pairing mode.

3. The player will scan for available devices. Select your device from the list.

4. Once paired, audio will be routed through the Bluetooth device.

5. **Important:** If the player is turned off and back on, you may need to re-enable Bluetooth from the menu as it does not automatically resume Bluetooth connection.

5.5. FM Radio

To use the FM Radio, you must connect wired earphones to the Earphone Jack (15), as they act as the antenna.

1. Connect wired earphones.

2. From the main menu, select "FM Radio".

3. Use the navigation buttons to scan for stations or manually tune.

4. FM Receiving Frequency: 87.5MHz~108MHz.

5.6. Voice Recording

The AKAMATE FX100 features a convenient one-click recording function.

- **One-Click Recording:** Press the dedicated One-Click Record button (1) on the side of the device to start recording immediately. Press it again to stop and save.

- **Via Menu:** Alternatively, select "Record" from the main menu. You can then choose to start a new recording, play existing recordings, or access recording settings.

- Recordings are saved in WAV/MP3 format.

5.7. Other Functions

- **Video Playback:** Select "Video" from the main menu. Supports AMV/AVI formats (240*320 resolution).

- **Picture Browsing:** Select "Photo" to view JPG/BMP images.

- **E-book:** Select "Ebook" to read TXT format files (within 10MB).

- **Pedometer:** Select "Pedometer" to track your steps.

- **File Browsing:** Select "Folder" to access and manage files directly on the device's internal storage or TF card.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.

- **Storage:** Store the player in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly,

- even if not in use for extended periods.
- **Software Updates:** Check the official AKAMATE website periodically for any firmware updates that may improve performance or add new features.
- **Screen Protection:** Utilize the provided TPU Rubber Protective Skin Case and consider applying a screen protector to prevent scratches.

7. TROUBLESHOOTING

If you encounter issues with your AKAMATE FX100 MP3 Player, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device frozen.	Charge the device for at least 30 minutes. If still unresponsive, press and hold the Power button for 10-15 seconds to force a restart.
Cannot transfer files to the device.	Incorrect connection; driver issue; full storage.	Ensure the USB cable is securely connected. Try a different USB port or computer. Check if the device's storage is full. Restart both the player and computer.
Bluetooth audio skips or disconnects.	Interference; distance; device re-pairing needed.	Ensure the player is close to the Bluetooth device. Avoid obstacles. Re-pair the Bluetooth device from the player's Bluetooth menu. Note that some users report initial audio clipping with Bluetooth.
FM Radio not working.	Earphones not connected or faulty.	Ensure wired earphones are securely plugged into the 3.5mm audio jack. They act as the antenna.
Screen is unresponsive or frozen.	Software glitch.	Press and hold the Power button (5) for 10-15 seconds to force a restart.
Device does not automatically reconnect Bluetooth after power cycle.	Intended design.	This is a known characteristic. You will need to manually navigate to the Bluetooth menu and re-enable/reconnect your device after powering the player off and on.

If the problem persists after trying these solutions, please contact AKAMATE customer support for further assistance.
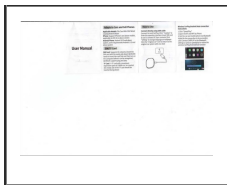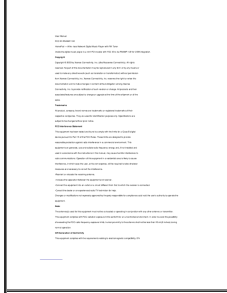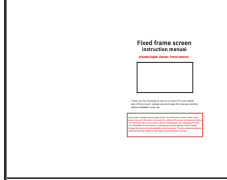
8. SPECIFICATIONS
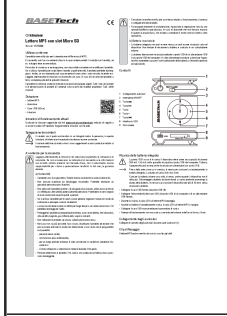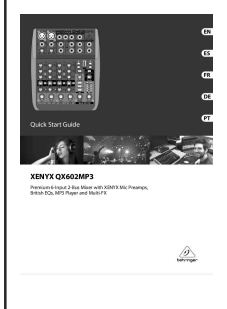
Feature	Detail
Internal Storage	16GB

Feature	Detail
Net Weight	Approx. 70 g (2.46 ounces)
Size	10.7 x 5 x 0.8 cm (4.21 x 1.96 x 0.31 inch)
Screen	2.4 Inch TFT LCD Screen (240*320)
Bluetooth Version	4.2
Battery Capacity	3.7 V/500 mAh Lithium Polymer
Material	CNC Aluminum Alloy case
Audio Format Support	MP3/WAV/WMA/APE/FLAC
Video Format Support	AMV/AVI (240*320 resolution)
Voice Recorder Format	WAV/MP3
Voice Recording Range	5-8 meters
Picture Browse Support	JPG/BMP (240*320)
FM Receiving Frequency	87.5MHz~108MHz
E-Book Support	TXT format (Within 10MB)
Data Interface	Type-C USB 2.0
TF Card Support	Maximum 128GB (Micro SD HC Card not included)
Operating System Compatibility	Windows Vista/2000/XP/7/8/8.1/10/Mac OS 10

9. WARRANTY AND SUPPORT

Your AKAMATE FX100 MP3 Player comes with a standard manufacturer's warranty. Please refer to the warranty card or documentation included in your product packaging for specific terms, conditions, and duration of coverage. For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact AKAMATE customer service through the contact information provided on their official website or product packaging. Ensure you have your product model number (FX100) and purchase details ready when contacting support.

Related Documents - FX 100

	[AKAMATE AI Box User Manual: Wireless CarPlay, Android Auto, and Mirror Link Guide](#) Comprehensive user manual for the AKAMATE AI Box, detailing setup for Wireless CarPlay, Android Auto, Mirror Link, SIM/TF card usage, and troubleshooting for car infotainment systems.
	[Oakcastle MP-100 User Manual: Features, Operation, and Specifications](#) Comprehensive user manual for the Oakcastle MP-100 MP3 player, covering setup, music playback, video, radio, recording, Bluetooth, pedometer, settings, specifications, and safety information.
	[MACSENSE HomePod RNAMP-100 Wireless Network Digital Music Player with FM Tuner User Manual](#) User manual for the Macsense HomePod (RNAMP-100), a wireless network digital music player with FM tuner. This guide covers setup, software installation, operation, troubleshooting, and warranty information.
	[Fixed Frame Projector Screen Installation and Assembly Manual](#) Comprehensive guide for installing and assembling your fixed frame projector screen. Includes parts list, precautions, and step-by-step instructions for a perfect setup.
	[BASETech MP3 Player with Micro SD Slot Instructions](#) User manual for the BASETech MP3 player with Micro SD slot, detailing features, operation, safety precautions, troubleshooting, and technical specifications.
	[Behringer Xenyx QX602MP3 Quick Start Guide: Premium Compact Mixer](#) Get started quickly with the Behringer Xenyx QX602MP3, a premium 6-input, 2-bus compact audio mixer featuring Xenyx mic preamps, British EQs, an MP3 player, and multi-effects for studio and live sound applications.