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RUIZU X02

RUIZU X02 Ultra Slim MP3 Music Player User Manual

Model: X02

1. Introduction

This manual provides instructions for the operation and maintenance of your RUIZU X02 Ultra Slim MP3 Music Player. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience. The RUIZU X02 is a portable digital music player designed for audio playback, FM radio, voice recording, video viewing, and text reading.

2. Package Contents

Verify that all items listed below are present in your package:

- RUIZU X02 MP3 Player
- User Manual
- Earphones
- USB Charging/Data Cable

Image: Contents of the RUIZU X02 MP3 Player package, showing the player, user manual, earphones, and a USB cable.

3. Product Overview

The RUIZU X02 is an ultra-slim and lightweight device, weighing approximately 30g, designed for portability.

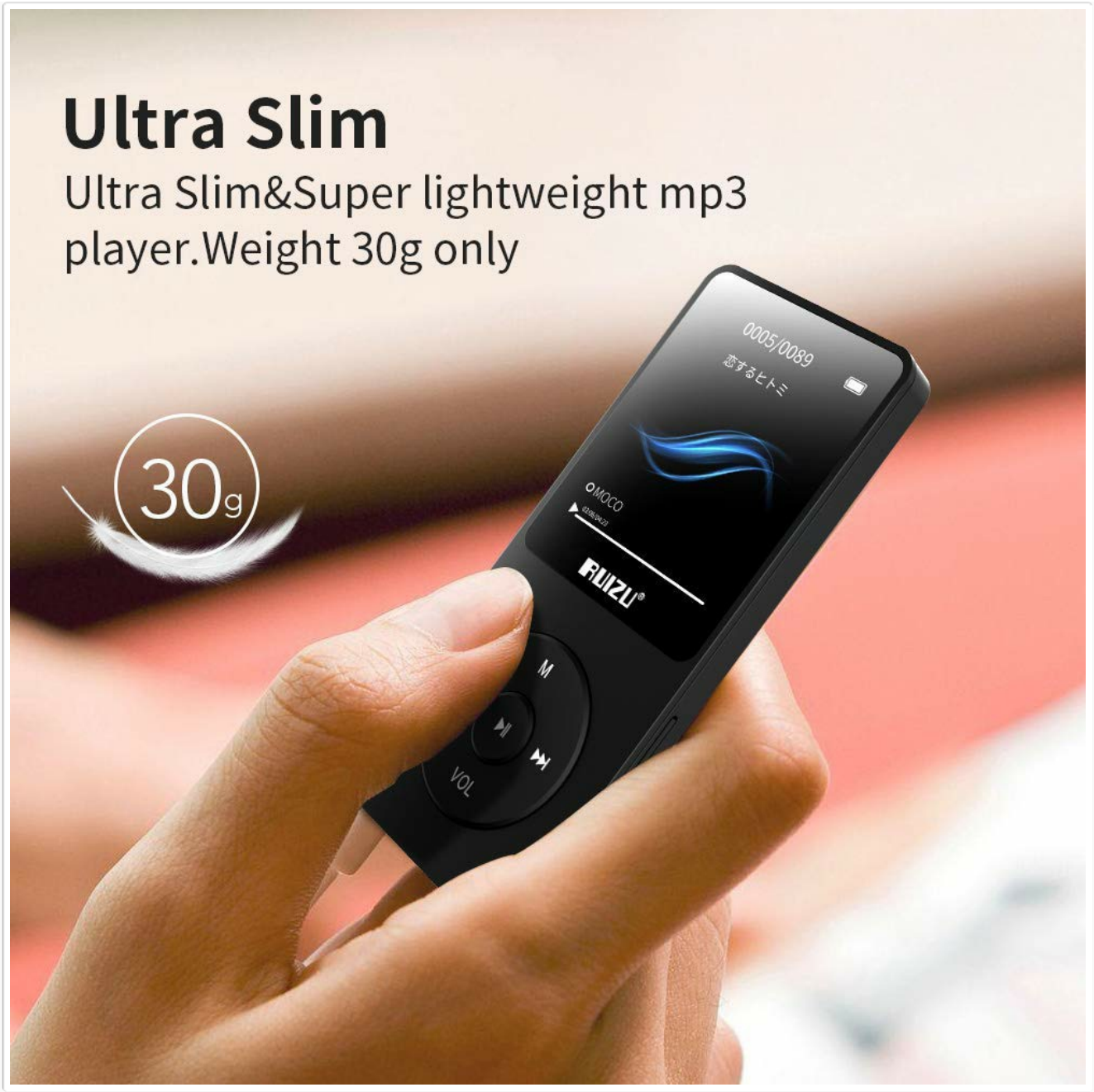

Image: The RUIZU X02 MP3 Player held in a hand, illustrating its compact and lightweight design.

Device Layout

Familiarize yourself with the buttons and ports on your device:

- **Display Screen:** Shows menus, playback information, and other content.
- **M Button:** Menu/Return button.
- **Play/Pause Button:** Center button for playback control and selection.
- **Previous/Rewind Button:** Navigate backward or rewind during playback.
- **Next/Fast Forward Button:** Navigate forward or fast forward during playback.
- **VOL Button:** Volume control.
- **Headphone Jack:** 3.5mm port for earphones.
- **USB Port:** For charging and data transfer.
- **Power Switch:** ON/OFF slider.
- **Micro SD Card Slot:** For expandable storage.

4. Setup

4.1 Charging the Device

Before first use, fully charge the MP3 player. A full charge typically takes 2-3 hours.

1. Connect the small end of the USB cable to the player's USB port.
2. Connect the large end of the USB cable to a USB power adapter (not included) or a computer's USB port.
3. The battery indicator on the screen will show charging status.
4. Once fully charged, disconnect the USB cable.

The device offers up to 80 hours of playback on a single charge.

Image: The RUIZU X02 MP3 Player screen indicating extended battery life of up to 80 hours.

4.2 Power On/Off

- To power on, slide the power switch to the "ON" position.
- To power off, slide the power switch to the "OFF" position.

4.3 Inserting a Micro SD Card

The RUIZU X02 has 8GB of built-in memory and supports expandable storage up to 128GB via a Micro SD card.

1. Locate the Micro SD card slot on the side of the player.
2. Gently insert the Micro SD card into the slot until it clicks into place. Ensure the card is oriented correctly.
3. To remove, gently push the card inward until it springs out.

Image: The RUIZU X02 MP3 Player shown with a Micro SD card, indicating its expandable storage capability.

5. Basic Operation

5.1 Navigation

- Use the **Previous** and **Next** buttons to scroll through menu options.
- Press the **Play/Pause** button (center) to select an option or confirm an action.
- Press the **M** button to go back to the previous menu or to access context-sensitive options during playback.

5.2 Music Playback

1. From the main menu, select "Music".
2. Browse your music by Artist, Album, Songs, or Playlists.
3. Select a song and press the **Play**/**Pause** button to begin playback.
4. During playback:
    - Press **Play**/**Pause** to pause or resume.
    - Press **Previous** or **Next** to skip tracks.
    - Long press **Previous** or **Next** to rewind or fast forward.

The RUIZU X02 supports multiple audio formats including MP3, WMA, APE, WAV, and FLAC.

5.3 Volume Adjustment

To adjust the volume:

- Long press the **VOL** button to activate volume adjustment mode.
- While in volume adjustment mode, press the **Previous** button to decrease volume or the **Next** button to increase volume.

5.4 Screen Lock/Unlock

To prevent accidental button presses:

- Long press the **M** button to lock or unlock the screen.

5.5 Resume Playback

The player is designed to resume music playback from where it was last stopped, even after being turned off and on again.

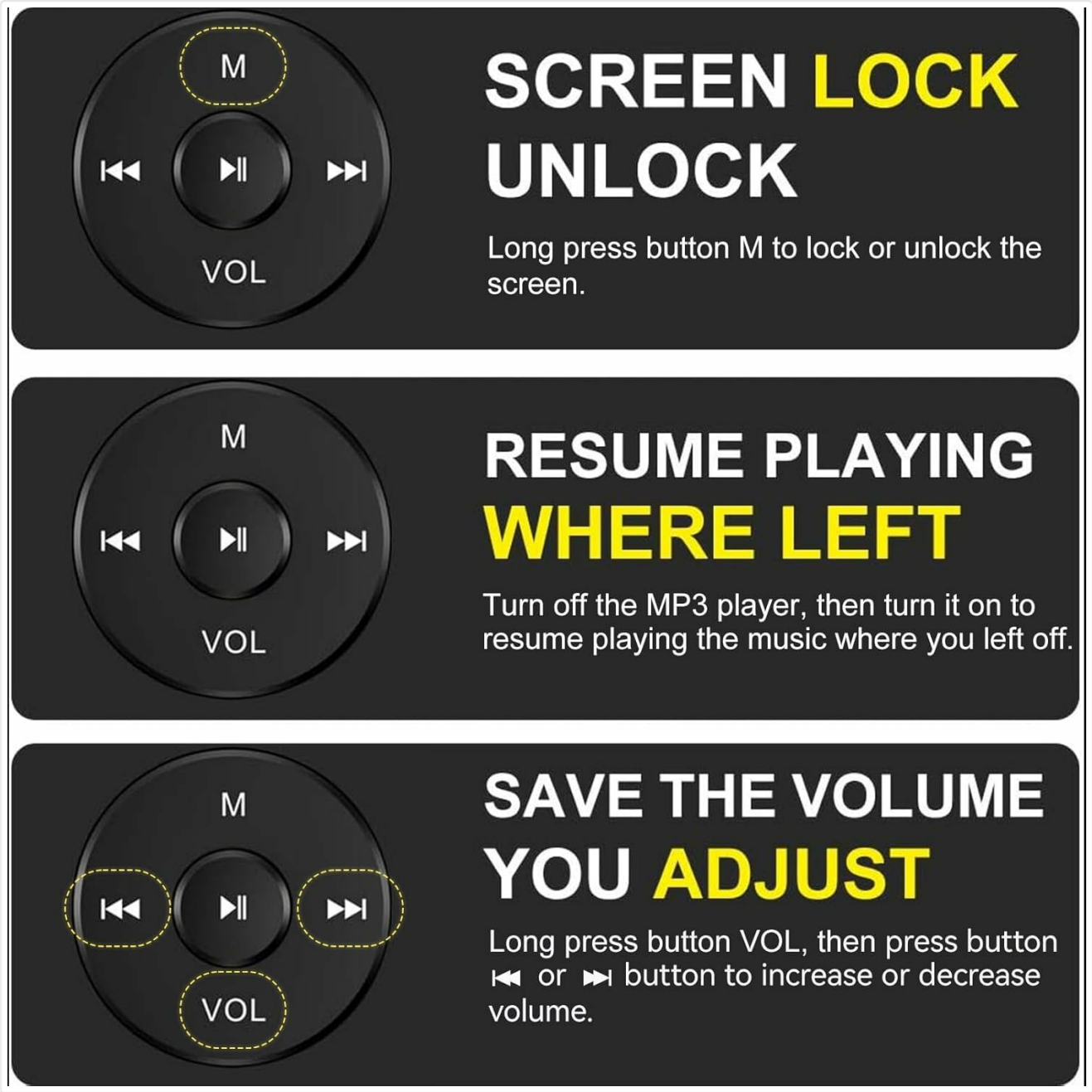

Image: Visual guide for screen lock/unlock (long press M), resuming playback (automatic), and volume adjustment (long press VOL then use Previous/Next).

6. Advanced Features

6.1 FM Radio

The RUIZU X02 includes a built-in FM radio tuner.

1. Ensure earphones are connected, as they act as the antenna.
2. From the main menu, select "FM Radio".
3. Use the menu options to auto-scan for stations or manually tune.
4. Press **Previous** or **Next** to switch between saved stations or adjust frequency.

Image: The RUIZU X02 MP3 Player screen showing the FM Radio interface with frequency indicators.

6.2 Voice Recorder

Record audio using the built-in microphone.

1. From the main menu, select "Recorder".
2. Choose "Start Voice Recording" to begin.
3. Press **Play/Pause** to pause/resume recording.
4. Press **M** to save the recording and exit.

6.3 Video Playback

The device supports video playback. Ensure video files are in a compatible format (e.g., AMV) and resolution for the 1.8-inch LCD screen.

1. From the main menu, select "Video".
2. Browse and select your video file.
3. Press **Play/Pause** to start playback.

6.4 Text Reading

View text files (e.g., TXT format) on the device.

1. From the main menu, select "E-book" or "Text".
2. Browse and select your text file.
3. Use the navigation buttons to scroll through the text.

7. Connecting to a Computer

To transfer music, videos, text files, or other data to your RUIZU X02:

1. Ensure the player is powered on.
2. Connect the player to your computer using the provided USB cable.
3. The player will appear as a removable disk drive on your computer.
4. Drag and drop files into the appropriate folders on the player (e.g., "Music" for audio files).
5. Once file transfer is complete, safely eject the removable disk from your computer before disconnecting the USB cable.

8. 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.
- **Water Exposure:** This device is not waterproof. Avoid exposure to water or high humidity.

9. Troubleshooting

Problem	Solution
Device does not power on.	Ensure the battery is charged. Connect to a power source and try again. Check the power switch is in the "ON" position.
Cannot transfer files to the player.	Ensure the USB cable is securely connected to both the player and the computer. Try a different USB port or cable. Ensure the player is recognized as a removable disk.
No sound from earphones.	Check if earphones are properly plugged in. Ensure volume is not set to zero or muted. Try a different pair of earphones to rule out faulty earphones.
Screen is unresponsive or frozen.	Try turning the device off and then on again using the power switch. If unresponsive, allow the battery to fully discharge and then recharge.
FM Radio not working.	Ensure earphones are plugged in, as they serve as the antenna. Try auto-scanning for stations again.

10. Specifications

- **Model:** X02
- **Manufacturer:** RUIZU
- **Dimensions:** 0.79 x 3.71 x 8.99 cm
- **Weight:** Approximately 30 g
- **Display:** 1.8-inch LCD
- **Internal Storage:** 8 GB
- **Expandable Storage:** Up to 128 GB via Micro SD card
- **Battery:** 420mAh Lithium Polymer
- **Playback Time:** Up to 80 hours (audio)
- **Charging Time:** 2-3 hours
- **Supported Audio Formats:** MP3, WMA, APE, WAV, FLAC, M4A, DRM, ACELP, OGG
- **Special Features:** FM Radio, Voice Recorder, Video Playback, Text Reading
- **Connectivity:** USB (Note: Does not support Bluetooth function)

11. Warranty and Support

This product comes with a 7-day warranty from the date of purchase. Please retain your proof of purchase for warranty claims.
For technical support or warranty inquiries, please refer to the contact information provided with your purchase documentation or visit the official RUIZU support website.

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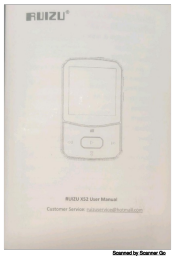
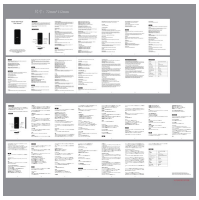
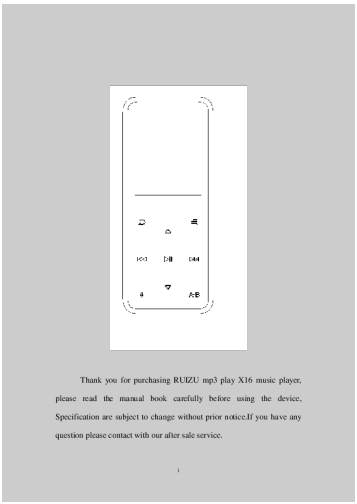
Related Documents - X02

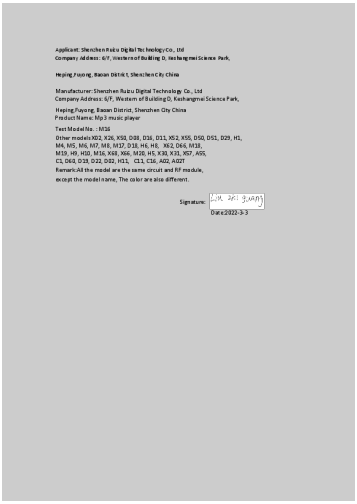
	RUIZU X52 User Manual User manual for the RUIZU X52 MP3 player, detailing its specifications, buttons, controls, and functions including music playback, video playback, FM radio, pedometer, Bluetooth, and settings.
	RUIZU X52 User Manual User manual for the RUIZU X52 MP3 player, covering button controls, interface navigation, music playback, video playback, Bluetooth connectivity, FM radio, pedometer, recordings, ebook reader, picture viewer, tools, settings, and specifications.

	[RUIZU X16 MP3 Player User Manual] Comprehensive user manual for the RUIZU X16 MP3 player, covering features like music playback, video, radio, recording, Bluetooth, settings, and troubleshooting. Learn how to use your RUIZU X16 for optimal performance.
	[RUIZU M16 MP3 Player User Manual - Features, Specs, and Operation Guide] Comprehensive user manual for the RUIZU M16 MP3 player. Learn about its music, video, FM radio, voice recording, e-book, and Bluetooth features. Includes detailed specifications and operational guidance.
	[RUIZU D19 MP3 Player User Manual] Comprehensive user manual for the RUIZU D19 MP3 Player, detailing features such as Bluetooth connectivity, voice recording, clip-on design, and playback controls.
	[AGPTEK A30X Music Player User Manual] User manual for the AGPTEK A30X Music Player, providing instructions on charging, connecting to PC, downloading audio files, basic operations, main functions, and troubleshooting.

Documents - RUIZU – X02



[RUIZU X16 MP3 Player User Manual]
Comprehensive user manual for the RUIZU X16 MP3 player, covering features like music playback, video, radio, recording, Bluetooth, settings, and troubleshooting. Learn how to use your RUIZU X16 for optimal performance.
lang:en score:24 filesize: 405.08 K page_count: 13 document date: 2018-09-17



Applicant: Shenzhen Ruizu Digital Technology Co., Ltd
Company Address: 6/F, Western of Building D, Keshangmei Science Park,

Heping Fuyong, Baoan District, Shenzhen City China

Manufacturer: Shenzhen Ruizu Digital Technology Co., Ltd
Company Address: 6/F, Western of Building D, Keshangmei Science Park,

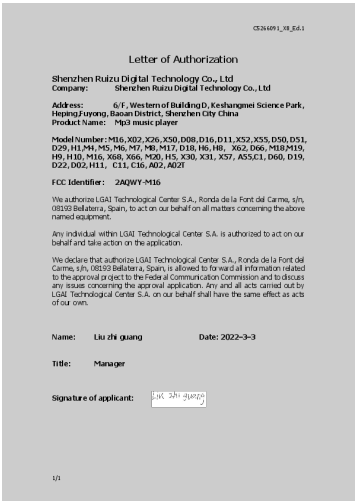
Heping Fuyong, Baoan District, Shenzhen City China
Product Name: Mp3 music player
Test Model No.: M16
Other models:X02, X26, X50, D08, D16, D11, X52, X55, D50, D51, D29, H1, M4, M5, M6, M7, M8, M17, D18, H6, H8, X62, D66, M18, M19, H9, H10, M16, X68, X66, M20, H5, X30, X31, X57, A55, C1, D60, D19, D22, D02, H11, C11, C16, A02, A02T
Remark:All the model are the same circuit and RF module, except the model name, The color are also different.

Signature: Liu zhi guang
Date:2022-3-3

[Shenzhen Ruizu Digital Technology Mp3 Music Player Model M16 and Variants]

Details on Shenzhen Ruizu Digital Technology Co., Ltd's Mp3 music player, including the primary test model M16 and a list of other related models, noting shared circuitry and RF modules.

lang:it score:23 filesize: 282.81 K page_count: 1 document date: 2022-03-03



CE264691_X8_Ed.1

Letter of Authorization

Shenzhen Ruizu Digital Technology Co., Ltd
Company: Shenzhen Ruizu Digital Technology Co., Ltd

Address: 6/F, Western of Building D, Keshangmei Science Park, Heping Fuyong, Baoan District, Shenzhen City China
Product Name: Mp3 music player

Model Number: M16, X02, X26, X50, D08, D16, D11, X52, X55, D50, D51, D29, H1, M4, M5, M6, M7, M8, M17, D18, H6, H8, X62, D66, M18, M19, H9, H10, M16, X68, X66, M20, H5, X30, X31, X57, A55, C1, D60, D19, D22, D02, H11, C11, C16, A02, A02T

FCC Identifier: 2AQWY-M16

We authorize LGAI Technological Center S.A., Ronda de la Font del Carme, s/n, 08193 Bellaterra, Spain, to act on our behalf on all matters concerning the above named equipment.

Any individual within LGAI Technological Center S.A. is authorized to act on our behalf and take action on the application.

We declare that authorize LGAI Technological Center S.A., Ronda de la Font del Carme, s/n, 08193 Bellaterra, Spain, is allowed to forward all information related to the approval project to the Federal Communication Commission and to discuss any issues concerning the approval application. Any and all acts carried out by LGAI Technological Center S.A. on our behalf shall have the same effect as acts of our own.

Name: Liu zhi guang Date: 2022-3-3

Title: Manager

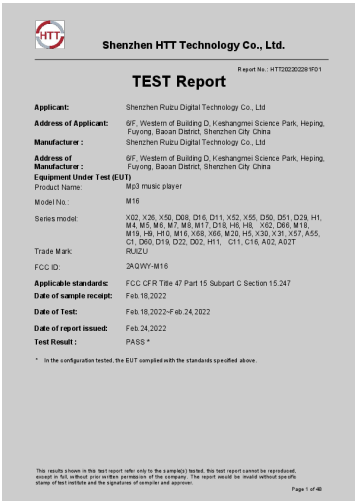
Signature of applicant: Liu zhi guang

1/1

[Letter of Authorization: Shenzhen Ruizu Digital Technology Co., Ltd - Mp3 Music Player (Model M16, FCC ID 2AQWY-M16)]

Official Letter of Authorization from Shenzhen Ruizu Digital Technology Co., Ltd for their Mp3 music player, model M16, featuring FCC ID 2AQWY-M16. This document authorizes LGAI Technological Center S.A. for FCC compliance and application processing.

lang:en score:23 filesize: 168.52 K page_count: 1 document date: 2022-03-14



Shenzhen HTT Technology Co., Ltd.

Report No.: HTT202202281F01

TEST Report

Applicant:	Shenzhen Ruizu Digital Technology Co., Ltd
Address of Applicant:	6/F, Western of Building D, Keshangmei Science Park, Heping, Fuyong, Baoan District, Shenzhen City China
Manufacturer :	Shenzhen Ruizu Digital Technology Co., Ltd
Address of Manufacturer :	6/F, Western of Building D, Keshangmei Science Park, Heping, Fuyong, Baoan District, Shenzhen City China
Equipment Under Test (EUT)	
Product Name:	Mp3 music player
Model No.:	M16
Series model:	X02, X26, X50, D08, D16, D11, X52, X55, D50, D51, D29, H1, M4, M5, M6, M7, M8, M17, D18, H6, H8, X62, D66, M18, M19, H9, H10, M16, X68, X66, M20, H5, X30, X31, X57, A55, C1, D60, D19, D22, D02, H11, C11, C16, A02, A02T
Trade Mark:	RUIZU
FCC ID:	2AQWY-M16
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Date of sample receipt:	Feb.18,2022
Date of Test:	Feb.18,2022-Feb.24,2022
Date of report issued:	Feb.24,2022
Test Result :	PASS *

* In the configuration tested, the EUT complied with the standards specified above.

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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[RUIZU M16 MP3 Music Player FCC Test Report]

Official test report for the RUIZU M16 MP3 music player, detailing compliance with FCC Part 15 Subpart C standards. Includes test results for conducted emissions, output power, bandwidth, and more.

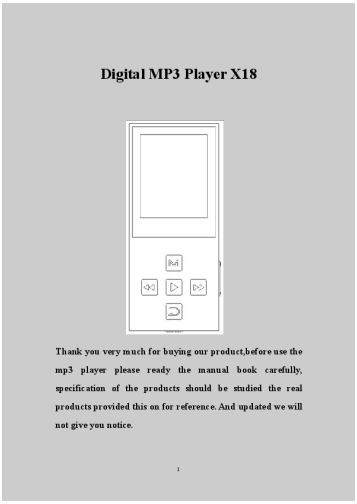
lang:en score:21 filesize: 4.59 M page_count: 30 document date: 2022-03-15

[pdf]

לא 2 להוריד לוח לחצנים יש IRIVER 100 s100 חוברת ובערת הרדיו הוראות נתוק רעדיו לנגן וטייפ גמ ח הרע דיו ברגים מתחת הלחצנים E150 AKAI CDP 6080A CASIO SD 210 S JW030 502 W רדיו ניסן תש חוברת הרדיו תש

- INNOVA . 1 - - , , ... , 1222 ,1X2 2 RICHTECH 7022 RUIZU DIGITAL PLAYER =**X02** 52 S10 USB 3 3513BK 25 26 . . SA...

lang:i-klingon score:13 filesize: 11.52 M page_count: 130 document date: 2016-04-16



[pdf] User Manual Specifications

X02 Bedienungsanleitung EN RUIZU X18 MP3 PlayerRUIZU Player ENbedienungsanleitung24 de file 1 1538236671 5355 bedienungsanleitung en preview |||

Digital MP3 Player X18 Thank you very much for buying our product,before use the mp3 player please ready the manual book carefully, specification of the products should be studied the real products provided this on for reference. And updated we will not give you notice. 1 appearance Back button ...

lang:en score:10 filesize: 290.57 K page_count: 9 document date: 2018-09-27