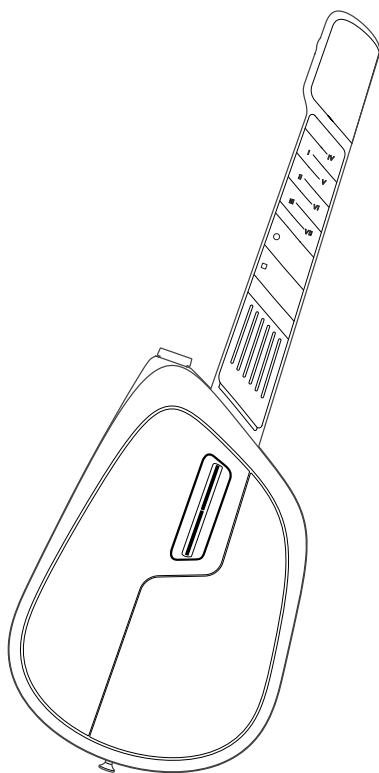




Musspark V1 Series User Guide

Product Introduction

The Musspark V1 Series represents a new generation of screen-equipped AI stringless guitar.

It integrates stringless performance, interactive sheet music, an automatic drum machine, AI creation, and a music visualization screen, allowing even complete beginners to easily sing, create, and perform. Compared to the previous compact guitar model, the **Musspark V1 Series** has been comprehensively upgraded in audio performance, screen interaction, and stage presence, making it more suitable for home entertainment, gatherings with friends, content creation, and in-person experience settings. It creatively integrates the following functions:

- Chord Synthesizer
- One-Touch Accompaniment
- Rhythm Drum Machine
- Intelligent Interactive Sheet Music
- AI Music Composition & Notation
- Bluetooth Speaker
- Screen Interaction

💡 This product aims to allow users to enjoy the joy of music anytime and anywhere, lighting up moments with music.

Package Contents

1. Intelligent Stringless Guitar



2. Type-C Charging Cable

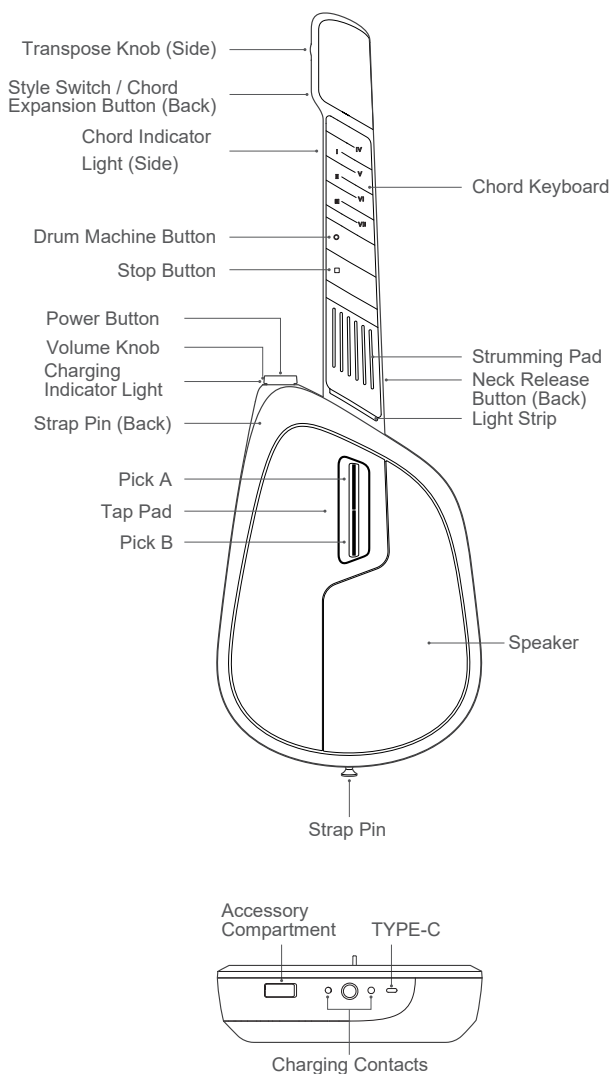


3. Product User Manual



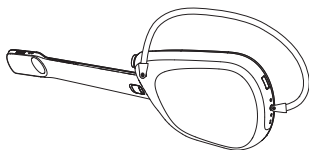
Identifiable Parts of the Device

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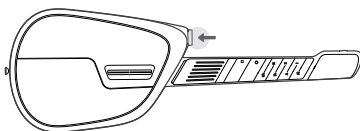


Operation Instructions

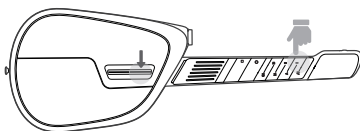
1. Install the Optional Strap (Install the strap according to the diagram, and confirm that the strap is securely connected before use.)



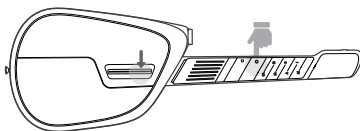
2. Power On/Off (Press and hold for 2 seconds to power on; press and hold to power off.)



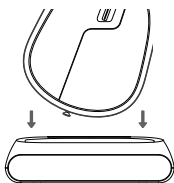
3. Play Chords (Press and hold the C chord button with your left hand, and flick the picks with your right hand to play the chord.)



4. Activate the Drum Machine (Press and hold the Drum Machine Button and flick any pick to activate the drum machine. Press and hold the Stop Button to stop the drum machine.)



5. Speaker Mode (Place the instrument on the optional docking station to switch to Bluetooth speaker mode.)



6. Key Adjustment (Rotate the Transpose Knob to select a key that suits you.)



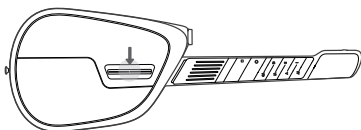
7. Volume Adjustment (Adjust the output volume using the Volume Knob.)



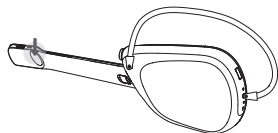
8. Solo Mode (Simultaneously flick picks A and B upward to activate the Single-Note Solo mode.)



9. Tap Pad (Tap the indicated area to produce specific sounds.)



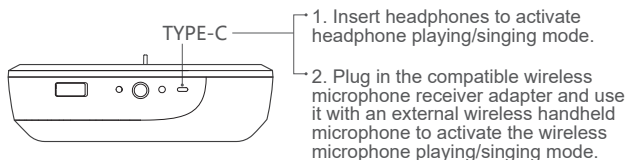
10. Style Switch (Flick this switch to change between different styles.)



11. External Device Connection & Charging

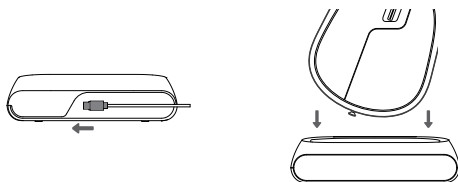
Connect the instrument to a charger or computer via USB Type-C. Please charge via the device's USB Type-C port and use a compliant power adapter with a Type-C port.

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12. Charging via the Included Docking Station

(Place the guitar on the docking station to charge.)



13. Wireless Connection

(Ensure your phone's wireless connection is turned on. Connect to the product after opening the App, and keep the phone within 50 cm of the product.)

Install the Musspark App

After installing the App, you can use the following features:

- Getting Started Guide
- Interactive Smart Sheet Music
- AI Creation & Play/Sing
- Advanced configurations for more styles, chords, and drum machine settings
- Customize styles to personalize your Musspark V1 Series

Join the Musspark Musician Community

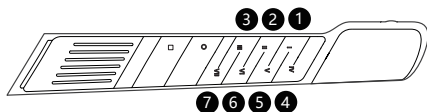
Scan the QR code via the official account or social media to join the community and access the following:

- Singing and playing tutorials from beginner to advanced
- Brand online/offline event information
- Interact and communicate with more Musspark players
- Advanced configurations for more styles, chords, and drum machine settings
- Customize styles to personalize your Musspark V1 Series

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Chord Degrees

Chord Degree Reference Table (Key of C)



Technical Specifications

Item	Specification
Dimensions	Guitar: Length × Width × Height = 634 × 224 × 74 mm
Weight	Guitar: 1.75 kg
Body Material	Shell body: ABS+PC composite material; Metal parts: Anodized sandblasted aluminum alloy
Operating Environment	0-40°C
Pick Lifespan	More than 1,000,000 operations
Chord Pad Lifespan	More than 1,000,000 operations
Battery Life	Playing/Singing mode: 10 hours; Speaker mode: 8 hours
Auto Power-Off Time	10 minutes
Charging Interface	USB Type-C
Charging Time	Approx. 3 hours

Battery Capacity	10.8V 3300mAh Rechargeable Lithium-Ion Battery
Speaker Specifications	50W Woofer; 15W Tweeter; Passive Radiator × 2
Audio Input	USB Type-C
Audio Output	USB Type-C
Manufacturer	Shenzhen Suitan Technology Co., Ltd.
Manufacturer Address	Room 804, Bay Area Industrial Investment Building, No. 2100, Haixiu Road, Haibin Community, Xinan Subdistrict, Bao'an District, Shenzhen City

Display	192 × 54 pixels, Pixel size (1.25mm × 1.25mm)
Brightness	300 cd/m ²
Color	Full color (16.7 million colors)
Viewing Angle	≥ 140° (Horizontal and Vertical)
Refresh Rate	≥ 3KHz
Maximum Frame Rate	50 fps
Pixel Count	8332 pixels
Screen Size	240 mm x 67 mm

Note: Product parameters are based on laboratory test data. Actual performance may vary depending on the usage environment, methods, and device status. Please refer to actual usage conditions.

Safety Information

Safety Warnings

- It is recommended to read the relevant warnings and information before using this product, and follow all product safety and operating guidelines.
- Failure to follow relevant guidelines may result in personal injury, property damage, or in severe cases, death.
- If allowing others to use this product, ensure that each user is aware of and follows all safety and operating instructions.

Operating Environment

- Do not expose this instrument to rain or use it near water sources or in humid environments.

- Do not place containers filled with liquids on the instrument to prevent liquid from entering the openings.
- If liquid seeps in, immediately cut off the power, unplug the power cord, and contact a qualified Saitan repair technician.
- Never plug or unplug the power cord with wet hands.
- Do not place burning objects, such as candles, on the instrument to prevent fire.
- Do not place the instrument in environments with excessive dust, severe vibration, extreme cold, or extreme heat, such as inside a car exposed to sunlight for a long time or near a heater.
- The confirmed operating temperature range is 0°C – 40°C.
- Do not use harsh chemicals, cleaning agents, or strong detergents to clean the device or accessories.
- Do not allow children or pets to bite or swallow the device or its accessories, as this may cause personal injury, equipment failure, or explosion risks.

Device Placement

- When not using this instrument, please turn off the power and charge it once every 6 months.
- When not using it for a long time, unplug the charging cable from the power adapter.
- Do not place the instrument on an unstable surface to prevent it from suddenly tipping over.
- Before moving the instrument, unplug all connected cables to prevent damage to the circuitry or trip hazards.
- When setting up the product, ensure the power outlet is easily accessible; in case of a malfunction, immediately disconnect the power and unplug the device.

Operating Safety

- Do not insert or drop paper, metal, or other objects into the gaps of the chord keyboard or picks.
- Do not press your body against the instrument or place heavy objects on it.
- Avoid using excessive force when operating the chord keyboard, knobs, switches, or interfaces.
- When using the strap, ensure the strap connectors are securely attached to the instrument.
- Do not lift the instrument directly by the strap, as this may cause severe damage.

- Do not handle the instrument roughly, such as forceful plugging/unplugging or swinging, to prevent the strap from detaching, the instrument from dropping, or injury to others.
- Slight heating during use or charging is normal.
- Suitan is not responsible for losses, data loss, or damage caused by improper use or unauthorized modification of this instrument.

Children's Health

- Operating this device involves certain difficulty and risks. It is recommended to keep the device and its accessories out of reach of children.
- This device may contain small detachable parts. Children may inadvertently damage the device, swallow small parts, and cause suffocation or other dangers.

Hearing Protection

- Before connecting this instrument to other electronic devices, turn off all devices and set the volume to the minimum.
- When in use, start from the minimum volume and gradually increase to an appropriate level.
- Do not use this instrument or external devices/headphones at high volumes or uncomfortable volumes for extended periods to prevent permanent hearing damage.
- If you experience hearing impairment or tinnitus, seek medical attention promptly.

Charging Safety

- Do not place the charging cable or docking station near heaters or radiators.
- Do not excessively bend or damage the charging cable, or place heavy objects on the charging cable.
- Use a power adapter with an output of 5V/3A DC or 9V/3A DC to charge the product.
- Regularly inspect the power plug and remove dirt or dust.
- During thunderstorms, unplug the plug from the outlet.
- Even when the power is turned off, a very small amount of current still flows to this product. When not in use for a long time, unplug the charging cable from the power outlet.

Device Safety

If any of the following situations occur, immediately turn off the power switch, unplug the power cord from the outlet, and contact a Sutan repair technician:

- The charging cable or interface is worn or damaged.
- The instrument emits an unusual smell or smoke.
- Foreign objects have fallen into the instrument.
- The sound is suddenly interrupted during use.

Precautions

- This instrument does not contain any parts that can be serviced by the user.
- Do not open this instrument, disassemble internal parts, or modify it in any way.
- If any abnormality occurs, stop using it immediately and contact a qualified Sutan repair technician.

Disposal and Recycling Information

- The relevant symbols on the product indicate that this product and/or battery should not be disposed of with household waste.
- When disposing of this product and/or its battery, please follow local environmental laws and handling guidelines.

Product Care

- Use a soft, dry cloth or regular wet wipes to clean the device.
- Do not use cloths containing paint thinners, solvents, alcohol, cleaning fluids, or other chemicals.
- Be careful to prevent water from entering the device body during cleaning.

Environmental Protection and Hazardous Substance Declaration

Hazardous Substance Declaration Table

Part Name	Hazardous Substance									
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE	DEHP	BBP	DBP	DIBP
Metal Parts	○	○	○	○	○	○	○	○	○	○
Circuit Board Assembly	○	○	○	○	○	○	○	○	○	○
Silicone Parts	○	○	○	○	○	○	○	○	○	○
Plastic Parts	○	○	○	○	○	○	○	○	○	○
Adhesives	○	○	○	○	○	○	○	○	○	○

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Table Description

- This table is compiled in accordance with SJ/T11364 regulations.
○ Indicates that the content of the hazardous substance in all homogeneous materials of the component is below the specified limit required by GB/T26572.

Environmental Mark Explanation

- This mark applies to electrical and electronic products sold in the People's Republic of China.
- The number in the middle of the mark represents the environmental protection use period in years.



FCC Compliance Notice

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This device complies with FCC RF exposure limits for general-population/uncontrolled exposure environment.

For body-worn operation, a 0mm separation distance shall be maintained between the exterior surface of the device and the human body. This device is not intended to be used against the human head.

Warranty Instructions

For products within the warranty period, if our company's maintenance personnel confirm that the damage is due to manufacturing processes or components under normal use conditions, free repair services will be provided.

Warranty Coverage

Type	Coverage	Warranty Period
Host	Guitar Main Body	1 year
Accessories	Data Cable	3 months

The Warranty Does Not Cover the Following:

- Damage caused by failure to use, maintain, or store the product in accordance with the requirements of this instruction manual.
- Damage, corrosion, or oxidation caused by direct sunlight, liquid contact, humid environments, extremely high temperatures, other harsh environments, or sudden environmental changes.
- Normal wear and tear resulting in cosmetic damage to the product or accessories.
- Damage caused by disassembly, modification, or repair by anyone other than official or authorized service personnel.
- Damage caused by force majeure such as floods, fires, lightning strikes, etc.
- Products that have exceeded the valid limited warranty period.

Rights Statement

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The product diagrams in this manual are for illustration purposes only. The actual product may differ.

Official Website: www.musspark.com

Customer Service Email: service@musspark.com

