mogabi

SMART GUITAR®

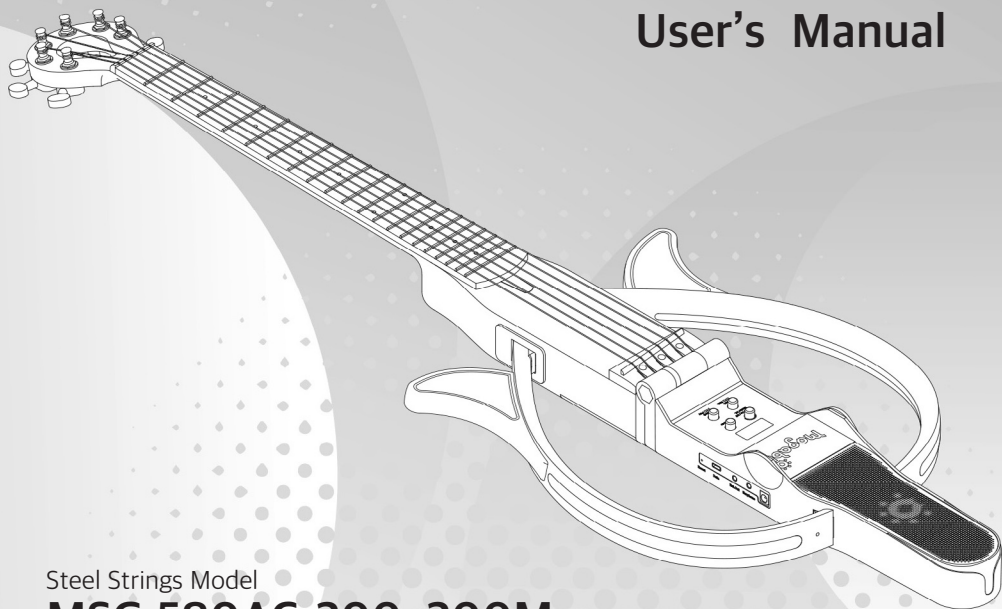# User's Manual

Steel Strings Model
MSG 580AC-200, 200M

Nylon Strings Model
MSG 580CL-200, 200M

Mogabi
SMART GUITAR®

Thank you for purchasing Mogabi Smart Guitar.

This is a portable smart guitar that replaces the sound of existing guitars with a speaker and incorporates IT technology.

It utilizes recording and mixing functions, and uses high-quality sensors to reproduce the natural and fully resonant tone of a guitar.

To preserve the performance and functions of this instrument for an extended period of time, be sure to read the Owner's Manual before use.

After reading the manual, keep it at a convenient location for future reference.

Mogabi Smart Guitar® and the Mogabi brand logo are trademarks of ZIM Corporation.

Manual Download

This manual deals with basic operations
Please download the user manual to the QR code below,
read it thoroughly, understand the function, and store it with the guitar.

Steel Strings Model
MSG 580AC-200, 200M

Nylon Strings Model
MSG 580CL-200, 200M

Contents

Specification

Model Name	Acoustic : MSG 580AC-200, MSG 580AC-200M Classical : MSG 580CL-200, MSG 580CL-200M
Size	703 x 84 x 88mm (Main Body) 1086 x 348 x 45mm (with Color Rest Frame) 1086 x 343 x 45mm (with Wood Rest Frame)
Weight	Guitar: approx. 2.7Kg / Accessories: approx. 690g
Neck	Mahogany Scale Length 580mm B-Band piezo pickup
Guitar String	Acoustic : Mogabi Steel Strings 012 Classical : Mogabi Nylon Strings 3/4size
Speaker	40mm full range 4W x2 40x83mm passive radiator x1
Mainboard	High-performance MCU with DSP (Digital Signal Processor) 2 Audio Codec 32GB SD memory Bluetooth V4.0 2,600mA Li-ion battery (6 hours continuous use when fully charged) Digital Control Volume / Switch (Encoder) x 4 OLED Display (Dot Matrix 128 x 32)
Connector (for External Devices)	Earphone Out Ø3.5 Line out Ø3.5 Line in Ø3.5 (200M) DC12.6V Charging Terminal USB-C data terminal (mobile phone, PC connection)
Components	Soft Bag Charger + Plug C to C Data Cable Picks 4mm hexagon wrench (for truss rod adjustment) Warranty Quick Guide

▶ Models for exporting may consist of different components depending on the campaign.

KC
[Broadcasting and Communication Equipment] Conformity Registration R-C-Zim-MSG-580AC
Battery Safety Confirmation YU101307-20001
Electrical Appliance Safety Certification (charger) HU072701-20002B

KCC
[Broadcasting and Communication Equipment] Conformity Registration (charger) R-R-Rep-CH0161-1201400

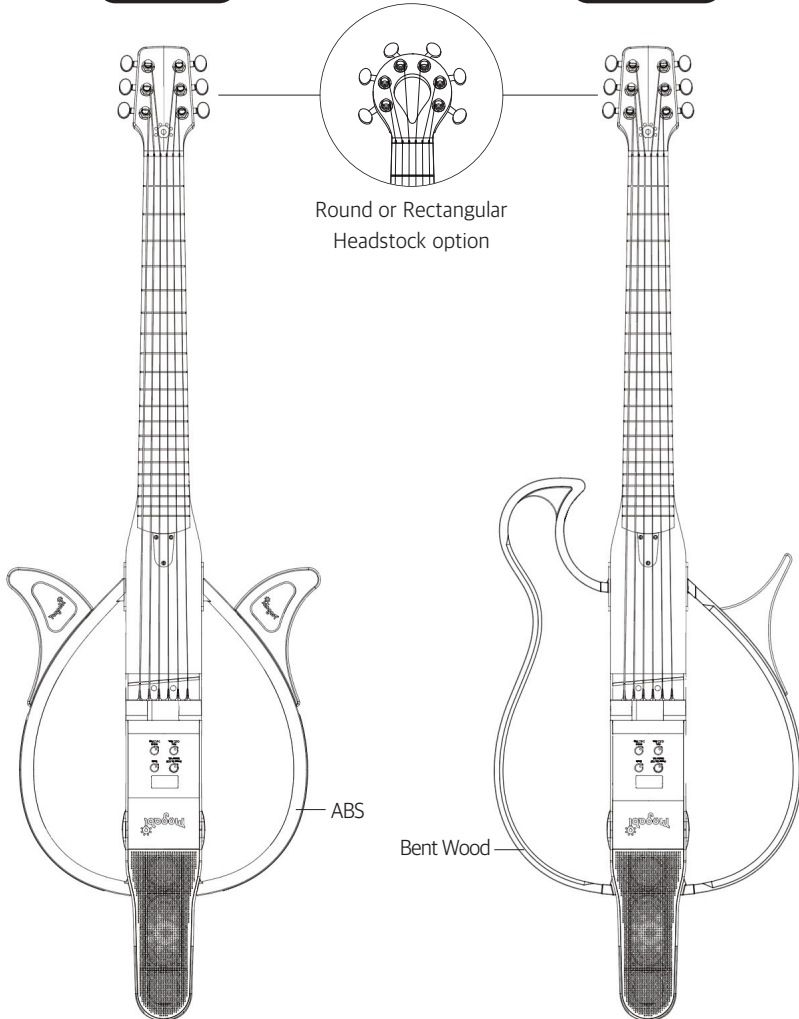Korean Patent No. 10-1964004
US Patent US 10,504,493 B1
Chinese Patent ZL2019 1 0303443.0

200 Color

200 Wood

Round or Rectangular
Headstock option

ABS

Bent Wood

Safety Precautions

Be sure to read "Safety Precautions" before use.

Store this manual in an easy-to-find location for future reference.

⚠ Warning

Be sure to follow the precautions below to minimize the possibility of injury and death from electrocution, short circuit, physical damage, fire and other hazards. The following lists possible cautionary items, but they are not limited to such.

Power / Charger

• Do not place the power cord near heat sources, such as heaters or radiators. Do not bend the cord excessively or place heavy objects on it, as such may damage the cord.

• Use only the voltage specified for use with this instrument. Voltage conditions are printed on the instrument nameplate.

• Use only the specified charger. Using other chargers may cause malfunction, overheating or fire.

• Check the power plug regularly and remove any dirt or dust accumulated.

• Do not connect third-party chargers to the USB-C terminal. Since it is a data-only terminal, it does not support charging.

Do Not Disassemble

• Do not open the inside of this product or disassemble or modify the internal parts. Such may cause electrocution, fire, injury or malfunction. If a malfunction is suspected, stop using the product immediately and have it inspected by an authorized MOGABI A/S center.

Flood Warning

• Do not expose the product against rain, use it in water or humid places, or containers with liquid (e.g. vases, bottles, glasses) that may spill on the product. If a liquid, such as water, leaks into the product, turn off the power immediately and have it inspected at an authorized MOGABI A/S center.

• Never plug in or unplug the product with wet hands. There is a risk of electrocution.

> MOGABI shall not be liable for any failures, data loss or damage resulting from improper use or modification of the product.

⚠ Caution

Be sure to follow the precautions below to minimize the possibility of injury and death from electrocution, short circuit, physical damage, fire and other hazards. The following lists possible cautionary items, but they are not limited to such.

Power / Charger

- Do not use a power strip to connect the charger. It may deteriorate the sound quality, or cause the outlet to overheat and cause a fire.
- When unplugging the charger, be sure to hold the body of the charger, not the cord. Damage to the cord may cause electrocution or fire.
- Do not use the charger if the plug or cord is damaged.
- Unplug the charger from the wall outlet when not using the product for an extended period of time or during a thunderstorm.
- Do not charge the product while playing it. Such may cause weak noise.

Assembly

- Refer to "Attaching the Frame" section on page 10 of this manual for instructions on how to attach the frame to the product. Failing to comply with instructions may result in injury or damage to the instrument.
- After attaching the frame, check whether the upper and lower frames are firmly connected.
- When assembling or disassembling, take caution not to pinch your fingers or hands.

Installation

- Do not expose the product against direct sunlight (in a vehicle during the day) or extremely high/low temperatures, such as near a stove. To avoid damage to internal components or deformation of the panel, do not expose the instrument against vibration or dust.
- Do not use the product near electronic devices, such as speakers, TVs, and radios. Electronic circuitry of the product may cause noise to the TV or radio.
- Do not install the product on an unstable location. The main unit may fall and cause a malfunction or injury.
- When moving the main unit, disconnect all connected cables before moving the unit to avoid damaging the cables or causing others to trip over.

Connecting

- When connecting the product to other electronic devices, turn off the power of all devices before connecting. When connecting the product with power is on, adjust the volume down to the minimum.

Caution for Handling

- Never bring the product near your face when adjusting or replacing strings. The strings may accidentally break and cause eye damage.
- When replacing strings by cutting them, loosen the peg sufficiently before cutting the string. Sudden snapping of a taut string can damage the neck and cause the string to bounce which may cause serious injury.
- Replace one string at a time to prevent movement of the saddle and pickup sensor. The sensor is installed under the saddle to pick up the vibrations of strings. If the saddle detached, check whether the sensor position changed. Sensor position error may cause the sound quality to degrade.
- If cleaning is necessary, wipe the product with a dry, soft cloth. Do not use wipes damped with thinner, solvent, cleaning liquid or chemicals. Do not place vinyl or plastic products on the product as it may cause discoloration and degradation.
- Do not stand or place heavy objects on the product. Do not apply excessive force to buttons, switches and input/output terminals. There is a risk of damage to the unit or injury to the user.
- Do not turn up the volume or operate it at a discomforting level for an extended period of time. If you experience loss of hearing or hear ringing in your ears, seek medical attention from an otolaryngologist.
- When carrying, place the product in a MOGABI Backpack or place a head cover on it as the product damage to one's face or clothing.
- When carrying, do not hold the rest frame as a handle as the main body and rest frame may separate and fall, causing damage to the product.

Components

When you open the package, make sure that all the parts listed below are in it.

- Models for exporting may consist of different components depending on the campaign.
- This is a drawing to help better understand the product. The actual product may slightly differ in appearance.
- If you need a refund or repair, please keep the packing box well for return.

Guitar Body (Neck, Audio Box)
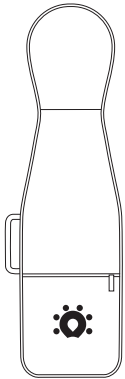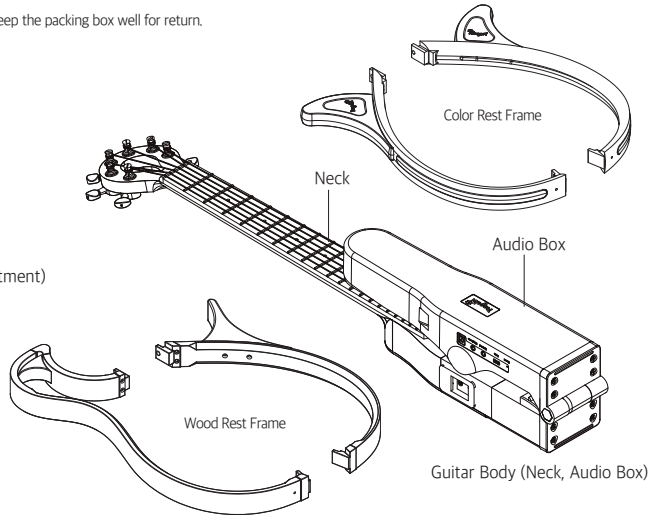
Rest Frame x2 (1 set)

Picks

Soft Bag

Charger

C to C Data Cable

iOS OTG

Hex Wrench (for truss rod adjustment)
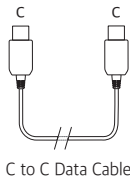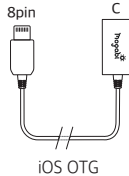
Guitar Strings

Product Warranty

Color Rest Frame

Neck

Audio Box

Wood Rest Frame

Guitar Body (Neck, Audio Box)

Soft Bag
Depending on the campaign, it may not be included.

Charger

Picks

Guitar Strings

C to C Data Cable

iOS OTG

Hex Wrench
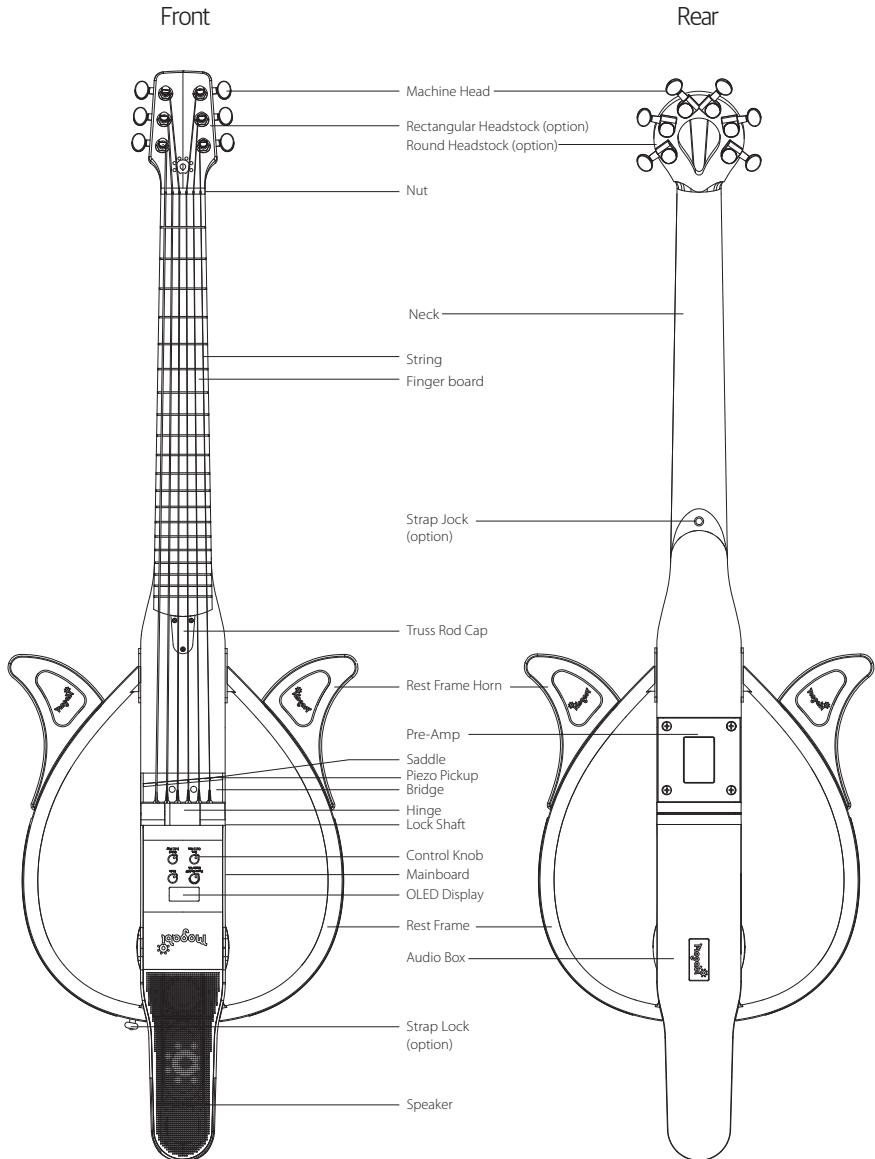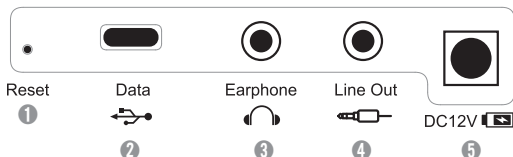
Product Warranty

Take caution not to inflict damage on the product by acts such as placing it with the bridge facing down, placing objects on it or hitting it with objects.

Front

Rear

Machine Head

Rectangular Headstock (option)

Round Headstock (option)

Nut

Neck

String

Finger board

Strap Jock
(option)

Truss Rod Cap

Rest Frame Horn

Pre-Amp

Saddle

Piezo Pickup

Bridge

Hinge

Lock Shaft

Control Knob

Mainboard

OLED Display

Rest Frame

Audio Box

Strap Lock
(option)

Speaker

Terminal for External Devices

❶ Reset
· If the control knob does not work, insert a pin into the hole and press it to reset the mainboard.

❷ Data
· Use the USB-C terminal to connect mobile phones, etc. for exchanging data.
· As the terminal is a data terminal, do not connect USB-C type chargers other than the dedicated charger.
· For iOS devices, use a USB-C adapter (sold separately).
· Update the firmware to the latest version from the MOGABI Mogabi website (www.mogabi.net).
· Various functions are offered through the Mogabi app.

❸ Earphone
· Connect earphones or a headset to play the product in silent mode.

❹ Line-out
· Enjoy fuller, richer sound by connecting an amplifier through the output terminal.

❺ DC12V (Charging)
· Connect the dedicated charger to charge.
· It takes about 3 hours to fully charge (2,600mAh).
· A full charge supports up to 6 hours of continuous use.

⚠ Caution
· Before connecting the product to an external device, make sure the power is turned off or the volume is turned down completely on all devices. Failing to comply to such may result in a loud sound that may damage the device or one's hearing.
· Do not play the product at a high volume for an extended period of time when using earphones or headphones. Such may permanently damage one's hearing.

Control Panel / Knob Operation

❺ | G | 🔋 |
Vol.6

❶ Power On / Off
Master Vol.

❷ Mode

❹ Rev.
● / ■ Rec.

❸ Select
▶ / ■ Play

❶ Main Volume / Power

• Press to turn on the power.

• Rotate the knob to adjust the volume.

• Factory default is set to volume level 6, so adjust the volume according to the situation (levels 1 to 15).

• When the power is on, press once to enter sleep mode and press again to end sleep mode.

• Press and hold for more than 2 seconds to turn off the power (firmware version is displayed).

• Power turns off automatically if no input is made for more than 10 minutes (except when listening to B/T music).

❷ Mode Change

• Select the desired mode by rotating the knob (Guitar Mode, B/T Mode, Mix Mode).

• Press the knob and rotate it to adjust B/T volume when In B/T M and Mix mode.

❸ Select / Play

• Search list of recordings or select a sound source by rotating the knob.

• Play or stop a recording with a list of recordings selected.

• Delete it by pressing and holding for more than 2 seconds with a list of recordings selected.

• Pressing it without selecting a list of recordings will play the most recent recording.

❹ Reverb / Record

• Select or use a reverb effector.

• Rotate the knob to adjust the reverb volume.

• Press to start or stop recording (available only in Guitar Mode and Mix Mode)

• Press Knob 4 with Knob 3 pressed to start or stop multi-recording on top of the last recording.

❺ OLED display

• It displays various guitar control status.

Preamp Panel

200M(Microphone Preamp EQ)

200 Preamp EQ
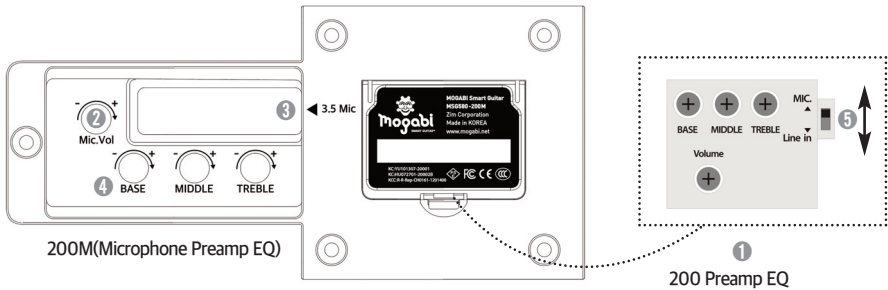
❶ (200) EQ Control

· Vol.: Adjusts the input volume of the guitar.

· Base: Adjusts the bass input volume.

· Middle: Adjusts the mid-range input volume.

· Treble: Adjusts the treble input volume.

· The 200M adjusts the preamplifier by tilting the cover

· The 200 adjusts the preamplifier by removing the four screws on the cover.

❷ (200M) Microphone Volume

· Adjust the input volume of the microphone.

❸ (200M)3.5 Line-in Input terminal

· Connects a microphone or external instrument through the line-in terminal. (3.5 Gender : separately)

❹ (200M) Mic. Preamp EQ Control

· Bass: Adjusts the bass input volume.

· Middle: Adjusts the mid-range input volume.

· Treble: Adjusts the high-range input volume.

❺ (200M) Line-in Toggle Switch

· Mic: When a dynamic microphone is connected

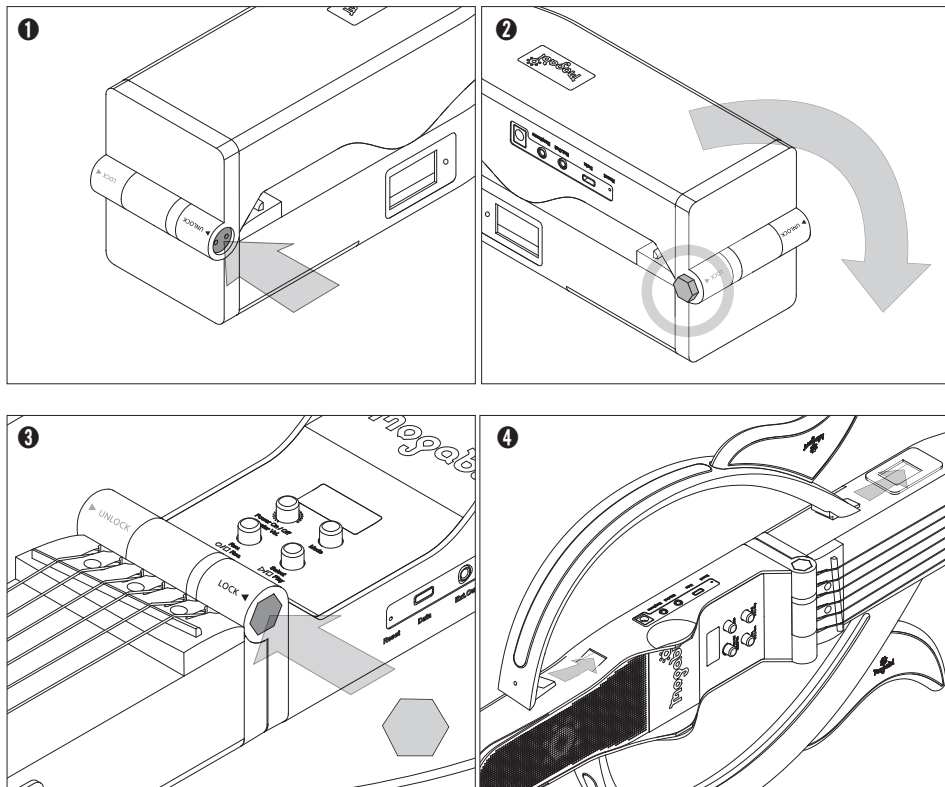· Line-in: When an external instrument is connected

Remove the 4 screws to adjust the preamp EQ

Adjust the preamplifier EQ by tilting the cover
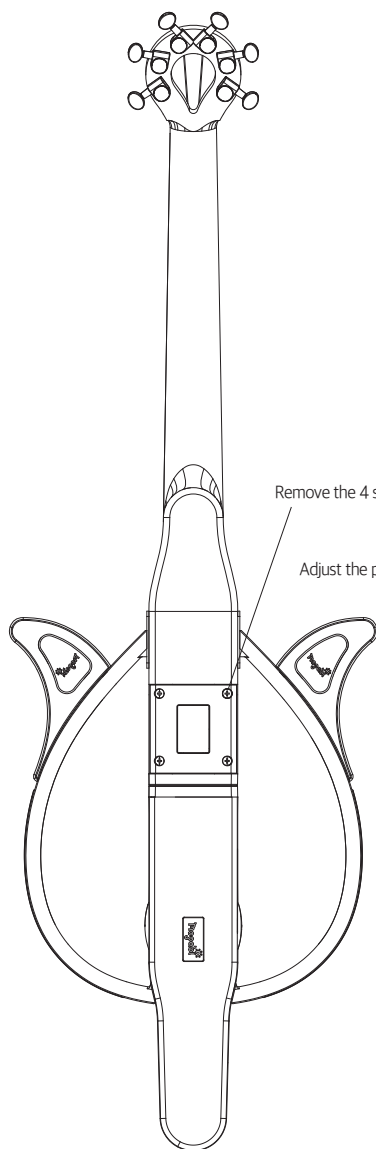
Rear of Preamplifier for **200 Color** Model
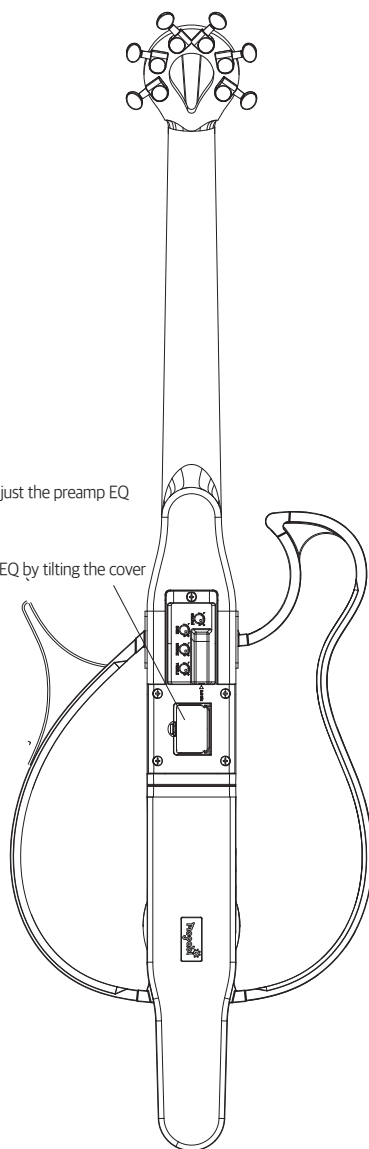
Rear of Preamplifier for **200M Wood** Model

Rest Frame Attachment

❶ Push the lock of the hinge upward and lock it in the UNLOCK position.

❷ Check the lock and unfold the neck and audio box.

❸ Press the lock downwards and lock it in the LOCK position.

❹ Set the rest frame to align perpendicularly with the neck fixture, and then push it inward.

  Attach the lower rest frame in the same way.

UNLOCK ⟶

⟵ LOCK

Rest Frame Detachment
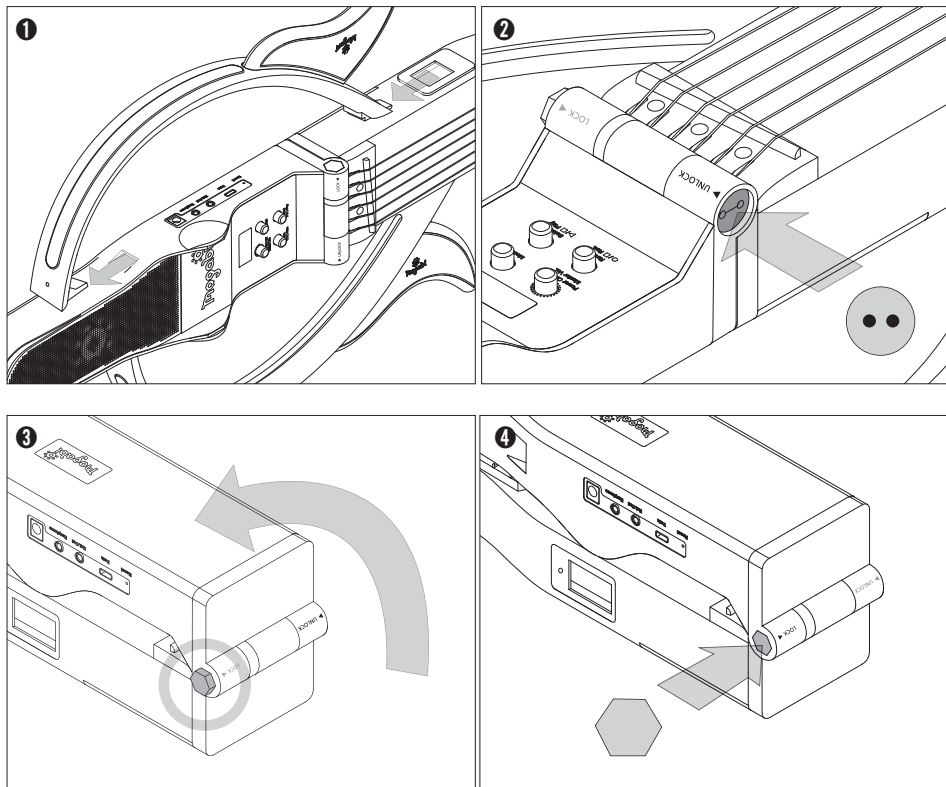
❶ Remove the upper and lower rest frames by pulling them toward the audio box.

❷ Push the lock of the hinge upward and lock it in the UNLOCK position.

❸ Check the lock, and fold the neck and audio box.

❹ Press the lock downwards and lock it in the LOCK position.

⚠ Caution

• Always check hinge state when unfolding or folding the guitar!

• Applying force to fold or unfold the guitar while locked may cause injury or damage to the product.

• Always check the hinge condition during storing.

Power on / Play

Power On / Off

• Press the power knob (1) ^{Power On / Off}_{Master Vol.} to turn on the power.

• Press and hold the power knob (1) ^{Power On / Off}_{Master Vol.} for more than 2 seconds to turn off the power.

• When the power turns off, the firmware version is displayed.

Playing

• The default mode set once the power is turned on is Guitar Mode.

• Turn knob (1) ^{Power On / Off}_{Master Vol.} to adjust the volume of the guitar while playing.

• Factory default volume level is 6.

• The volume level ranges from 1 to 15, but play at a volume lower than 10 if possible. Higher levels may generate distorted sounds.

• Higher volume levels are used for external speakers connected using the Ø3.5 terminal.

Mode Switch

• The default mode set once the power is turned on is Guitar Mode.

• Rotate the knob (2) ^{Mode} to select the desired mode.

• Press and turn the knob to adjust the B/T volume.

• The product offers Guitar Mode, B/T Mode and Mix Mode.

• Guitar Mode (Gtr.): Used for normal guitar playing and recording.

• B/T Mode (B/T): Used for listening to music through a B/T device.

• Mix Mode: Combines Guitar Mode and B/T Mode.

• Connect a B/T device to listen to music or to record a performance over background noise.

Sleep Function

• Click the volume knob (1) ^{Power On / Off}_{Master Vol.} to enable Howling Removal function and "Sleep" is displayed on the display window.

• Due to the characteristics of a guitar, howling can occur in modes which uses vibrations of strings to generate sound (Guitar Mode, Mix Mode) if power is left on during idle. When not in use, it is recommended to turn off the power or click Knob (1) ^{Power On / Off}_{Master Vol.} to select it in "Sleep" mode.

• If howling occurs, click knob (1) ^{Power On / Off}_{Master Vol.} or gently press the strings with your palm to calm the vibration to stop the howling.

• In Sleep mode, the built-in speaker does not play sounds generated by the guitar.

• To resume playing, click the volume knob (1) ^{Power On / Off}_{Master Vol.} or operate other knobs to cancel Sleep mode and use the corresponding function.

⚠ Caution

• Before connecting the product to an external device, make sure the power is turned off or the volume is turned down completely on all devices.

• Failing to comply to such may result in a loud sound that may damage the device or one's hearing.

Bluetooth Support

What is Bluetooth?

• Bluetooth is a wireless communication technology for short-range connections.

• Sound may be interrupted by interference from other radio waves or other Bluetooth connections.

• There is no charge for using each device connected with Bluetooth technology.

• One can listen to music from a Bluetooth mobile phone or Bluetooth device connected using Bluetooth.

• Supported Devices: Smartphones, laptops, etc.

• Bluetooth Version: 4.0

Pairing

• Pairing is the process of registering Bluetooth devices with each other.

• Before pairing, make sure that Bluetooth function is enabled on the Bluetooth device.

• Search for B/T device in pairing device and select mogabi.

• Check pairing connection on pairing device or guitar(B/T icon) .

• Once pairing is complete, there is no need to perform pairing again.

• Refer to the user manual of the Bluetooth device for pairing procedure.

• Check the pairing status from the pairing device or the guitar (B/T icon).

Listening to Music with Speakers

• Turn the knob (2) Mode to select Bluetooth Mode or Mix Mode.

• Search and play music on a paired Bluetooth device (PC, smartphone).

• Volume control is available from the Bluetooth device. Press the Knob (2) Mode when in Bluetooth or Mix mode to enter the Bluetooth Volume Control, and rotate the Knob (2) Mode to adjust the volume.

Playing in Mix Mode

• Rotate the Mode Knob (2) Mode to select Mix Mode.

• Search and play music from the paired Bluetooth device.

• To adjust the volume in Mix Mode, press the Knob (2) Mode to enter Bluetooth Volume Control and then rotate the Knob (2), Mode or adjust the volume from the Bluetooth device.

• Rotate the Volume Knob (1) Power On / Off Master Vol. while playing.

• Adjust the Bluetooth volume and guitar volume to form a suitable balance.

Reverb / Recording

- The recording level is fixed at a certain level regardless of the Bluetooth playback volume, such as the play volume.
- Recording is performed even at volume 0.
- A short tone is heard at the beginning and end of the recording, and the tone is not recorded.
- A single recording file can record up to 45 minutes.
- If a 2-hour session is recorded, the recording file is be cut in 45-minute intervals, creating 3 files in total.

Reverb

- Make sure Guitar Mode or Mix Mode is set.
- Reverb does not work in Bluetooth Mode.
- Rotate the Reverb Knob (4) ●/■ Rev./Rec. to adjust the reverb volume.

Recording in Guitar Mode

- Rotate the Mode Knob (2) to select Mode Guitar Mode.
- Press Knob (4) ●/■ Rev./Rec. to start recording.
- Play the guitar.
- Press knob (4) ●/■ Rev./Rec. to stop recording.

Recording in Mix Mode

- Rotate the Mode Knob (2) Mode to select Mix Mode.
- Search for music on the paired B/T device and align it with the starting point.
- Press knob (4) ●/■ Rev./Rec. to start recording.
- Play music on the B/T device.
- Play the guitar along the accompaniment.
- Press knob (4) ●/■ Rev./Rec. to stop recording.

Recording Reverb

- Rotate the Mode Knob (2) Mode to select Guitar Mode or Mix Mode.
- Rotate Knob (4) ●/■ Rev./Rec. to adjust the reverb volume.
- Search for music on the paired B/T device and align it with the starting point.
- Press Knob (4) ●/■ Rev./Rec. to start recording.
- Play music on the B/T device.
- Play the guitar along with the accompaniment.
- Press Knob (4) ●/■ Rev./Rec. to stop recording.

Multi-Recording

Multi-Recording

- Rotate the Mode Knob ^{Mode} (2) to select to Mix Mode.
- Press knob (4) ●/■ ^{Rev.}_{Rec.} and play the backing track. (Recording)
- After the performance, press knob (4) ●/■ ^{Rev.}_{Rec.} to stop recording.
- Press knob (3) ▶/■ ^{Select}_{Play} to select the recorded sound source.
- After selecting the sound source, press Knob (3) ▶/■ ^{Select}_{Play} while pressing Knob (4) ●/■ ^{Rev.}_{Rec.} to play the backing track, and the recording starts.
- Perform the doubling along with the backing track.
- When the performance ends, press Knob (3) ▶/■ ^{Select}_{Play} to select the duet recorded sound source.
- (Repeat) After selecting the sound source, press Knob (4) ●/■ ^{Rev.}_{Rec.} while pressing Knob (3) ▶/■ ^{Select}_{Play} to play the duet track, and the recording starts.
- Perform the doubling along with the backing track.
- Duet recording is possible up to 9 times. However, more than 4 recordings are not recommended due to increased noise overlap and degradation of sound quality.

Recording a Dubbing (for file moving)

- Move the recorded sound source to an external device, such as a PC or mobile phone, through the USB-C terminal.
- Rotate the Mode Knob (2) ^{Mode} to select Mix Mode.
- After connecting an external device in Bluetooth mode, rotate the Mode Knob (2) to select Mix Mode.
- Press knob (4) ●/■ ^{Rev.}_{Rec.} to start recording.
- Perform along the recorded sound source played on an external device.
- Press knob (3) ▶/■ ^{Select}_{Play} to select the recorded sound source.

Microphone / Recording External Instruments (200M)

- Go to 22 Page

Recording Utilization

Recording File Check

· Up to 99 recordings can be made, and any additional recordings will overwrite recording No. 99.

· Please delete unnecessary recording files or organize them frequently by connecting them to a smartphone, PC, etc.

· It is possible to move and copy recorded files stored in an external device back to Mogabi Guitar, but playback may not be supported in some external WAV files.

· Recording file name can be changed on a PC or smartphone. Only Alphanumerical characters are supported. Other languages are not supported.

Playing a Recording

· The played sound source is saved as a .wav file.

· Rotate the Select Knob (3) ▶/■ $^{Select}_{Play}$ to select the list of recorded sources.

· The last recorded file is displayed.

· While the list of sound sources is displayed, select a sound source and press the Knob (3) ▶/■ $^{Select}_{Play}$ to play or stop.

· While the list is not displayed, press the Knob (3) ▶/■ $^{Select}_{Play}$ to play the last song.

· You can select and delete unnecessary sound sources from external devices such as PCs and mobile phones with C-type cable terminals.

Sharing Recordings ⇄• Data

· When USB-C terminal is connected with the guitar powered off, USB Mode is set and functions of each knob are disabled.

· The USB-C terminal allows sound files to be transferred to external devices, such as mobile phones, tablets or PCs, making sharing one's music easily with the world.

· When saving a recording file, the generation date shown is the date of the firmware version, not the date on which the performance was recorded.

⚠ Caution

· Only use the included C to C Data Cable.

· Charging is not possible through the USB-C terminal.

· Do not move any files from an external device to the guitar. The guitar does not act as an external storage device.

Deleting Recording Files

· After displaying the Playlist by rotating Knob (3), ▶/■ $^{Select}_{Play}$ select the file to delete and press and hold for more than 2 seconds. The file will be deleted with a beep, and the message "Deleted" is displayed.

· Unnecessary recording files can be deleted from an external device (Smartphone, PC).

· If file 05 is deleted among files 01 to 10, the next recording will be numbered 11 but it will be saved in file 05 location.

Silent Playing

Using Earphones

• Make sure Guitar mode or Mix mode is set.

• Connect earphones and rotate the Volume Knob (1) $^{Power\ On\ /\ Off}_{Master\ Vol.}$ to set the proper volume and play the guitar.

• Even if recording is made in Earphone Mode, the performance is recorded at an appropriate volume.

• Connecting earphones or headphones may generate white noises.

• Prolonged playing may affect one's hearing.

Playing in Silent Mode

• Make sure Guitar mode or Mix mode is set.

• Set the Volume Knob (1) $^{Power\ On\ /\ Off}_{Master\ Vol.}$ to 0 and play the guitar.

• Even if recording is made at volume level 0, the performance is recorded at an appropriate volume.

⚠ Caution

• Before connecting the product to an external device, make sure the power is turned off or the volume is turned down completely on all devices.

• Failing to comply to such may result in a loud sound that may damage the device or one's hearing.

Memory Format

• Check that the guitar is powered off.

• Press the power knob (1) $^{Power\ On\ /\ Off}_{Master\ Vol.}$ while simultaneously pressing the mode knob (2) $_{Mode}$ and the selection knob (3). $^{Select}_{▶/■\ Play}$

• The display displays Formatting and memory formatting proceeds.

• Saved data will be deleted, so make sure to backup frequently used files.

Connecting an external device

External Amplifier   Line Out

- Connect an external amplifier using a Ø3.5 to Ø5.5 gender or Ø3.5 to Ø5.5 audio cable connected to the Line-Out terminal.
- A Ø3.5 gender or audio cable is not included with the product and is sold separately.

Connecting Earphones   Earphone

- You can play quietly by connecting earphones to the earphone terminal.

Connecting a Microphone (200M)

- Open the preamp cover on the back of the neck and check the toggle switch position (Mic.).
- Connect a microphone or a 3.5-gender and a microphone to the Mic 3.5 terminal and adjust the volume and tone.
- Press the Record Knob (4) ●/■ Rev. Rec. and sing as you play.
- Enjoy richer sound by connecting an external amplifier to the Line-Out 3.5 terminal.
- Only Mogabi 200M model equipped with a mic preamp supports this function.
- Only dynamic microphones are supported (i.e. SHURE SM58, etc.)
- A microphone or a 3.5-gender is not included in the product package. (sold separately)

Connecting an External Instrument (200M)

- Open the preamp cover on the back of the neck and check the toggle switch position (Line-In).
- Connect the 3.5 gender (sold separately) and audio cable of the external instrument to the Mic 3.5 terminal and adjust the volume and tone.
- Adjust the volume of the external instrument (piano, guitar, etc.) and Mogabi guitar respectively to achieve balance.
- Press the Record Knob (4) ●/■ Rev. Rec. and play or record an ensemble.
- Enjoy richer sound by connecting an external amplifier to the Line-Out 3.5 terminal.
- Only Mogabi 200M model equipped with a mic preamp supports this function.
- A 3.5-cable or a 3.5-gender is not included in the product package. (sold separately)

⚠ Caution

- Before connecting the product to an external device, make sure the power is turned off or the volume is turned down completely on all devices.
- Failing to comply to such may result in a loud sound that may damage the device or one's hearing.
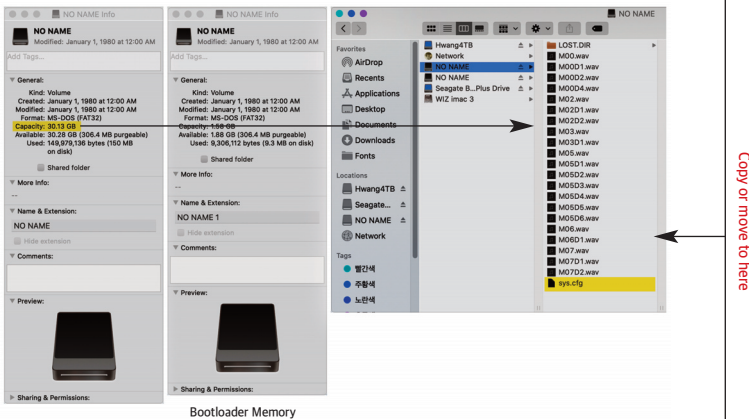
Firmware Upgrade

Continue to upgrade the firmware to improve the functions of Mogabi Guitar.

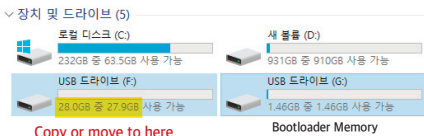Download the latest firmware from the Mogabi website (www.mogabi.net).

Upgrade Procedure

1. Turn off the main body of the guitar

2. Connect a USB cable to a computer or mobile phone, and hold down the Mode Button while connecting the USB-C cable to the main body.

3. DFU MODE enables once the button is released.

4. After a while, 2 USB external memory devices are recognized. (It may be recognized as one depending on the mobile phone model.)

5. Copy the mogabi_xxx.hex file to the memory drive (28-30 GB) with the sys.cfg file

6. Pressing the Mode Button again will start firmware upgrade and display the message "Upgrade"

7. After automatic reboot, if the message "USB MODE" is displayed, the upgrade is successful.

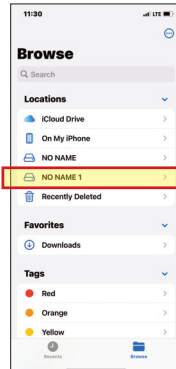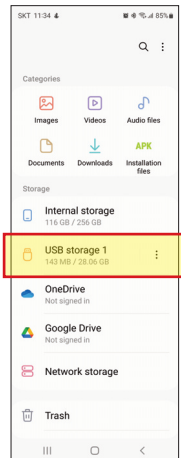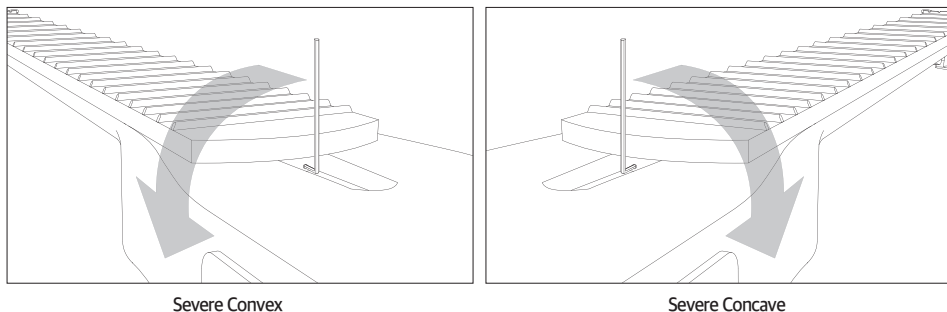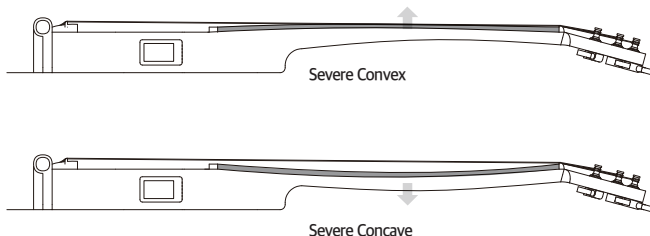8. Remove the USB cable and start playing

Mac OS

Bootloader Memory

Copy or move to here

Android Mobile

IBM PC

Copy or move to here

Bootloader Memory

IOS Mobile

Copy

23

Truss Rod Adjustment

Severe Convex

Severe Concave

Severe Convex

Severe Concave

- If the neck is bent, it can be compensated by adjusting the truss rod.

- The truss rod of the product can be adjusted using a 4mm hexagon wrench.

- The bend of the neck should be slightly concave. Turning the nut clockwise tightens the rod and compensates for severe concave. Turning the nut counterclockwise will loosen the rod and compensate for severe convex.

- Make gradual adjustment. Take 5- to 10-minute intervals in between, and turn the truss rod nut by half a circle at a time and check for bends.

- If you have no experience in adjusting the truss rod, it is recommended to ask the dealer or a nearby musical instrument store to adjust it.

String Replacement

For classic guitars, if the string is not for field 580mm (3/4 size), the tension is weak and sufficient resonance cannot be obtained, so be sure to insert a string that fits the field.

⚠ Caution

- Never bring the product near your face when adjusting or replacing strings. The strings may accidentally break and cause eye damage.

- When replacing strings by cutting them, loosen the peg sufficiently before cutting the string.

- Sudden snapping of a taut string can damage the neck and cause the string to bounce which may cause serious injury.

- A pickup that reacts to string vibrations is positioned under the saddle.

- Replace strings one at a time to avoid shifting the pickup position.

Before requesting Service

The product may operate abnormally by incorrect operations or minor mistakes that are not defects or failures.

In such case, the issue can be resolve visiting a service center by checking the following items.

If the issue cannot be resolved after following the items below, contact the service center. **(zim@mogabi.net)**

Symptom	Measure
The guitar does not power on.	• The battery is discharged. Charge the battery. • Connect the product to the DC adapter. • Insert a thin pin or the like into the reset hole and press to reset the mainboard.

Sound is not made or is distorted.	• The volume of the guitar or smart device may be set to minimum.
	  Adjust the volume of the guitar or smart device.
	• If the external device at its maximum volume, the sound may be distorted.
	  Turn down the volume of the external device before use.
	• If the guitar is used for purposes other than music playback or performance,
	  sound quality may degrade or the guitar may not function properly.

Pairing through Bluetooth does not work.	• Turn off and on the Bluetooth setting of the Bluetooth device and try again. • Check if the Bluetooth setting is enabled. • Check if there are any obstacles between the guitar and the Bluetooth device. • Depending on the type of Bluetooth device or surrounding environment, Bluetooth pairing may not work properly.
The guitar does not work working properly.	• If the battery is completely discharged, the stored Bluetooth information may be deleted. • When the power of the guitar is cut off, previous settings may not be saved. • Use the guitar in an environment with suitable temperature and humidity. • If the issue cannot be resolved, contact customer service (zim@mogabi.net).

Battery Warranty

• Upon product delivery, the battery capacity remaining shall be 30-40%.

• Mogabi Smart Guitar uses a lithium-ion battery that is can be used for at least 1 year, but to prevent excessive use, the warranty period is set to 6 months. Any service after 6 months is provided at a fee.

• Battery usage varies by circumstances, but a typical playing time (3 hours a day) at an appropriate volume (10 LV or less) can be used for up to 3-5 years when played every day. The battery can be used continuously by charging with an charging adapter (sold separately).

Exchange / Return / Refund Information

• If you wish to exchange or refund the product, please submit a request through the customer center inquiry board or phone call within 7 days from the date of purchase.

• Exchange or refund due to customer's change of mind must be made immediately upon receipt of the product to be exchanged or refunded, and all shipping costs shall be borne by the customer.

• Exchange/Return/Refund is not possible if the value of the product is degraded due to opening the product package or use of the product.

• In the case of a defective product, all shipping costs related to the exchange shall be borne by MOGABI.

Refusal of Exchange / Return / Refund Information

• In case the value of the product degraded due to damage to the product or packaging

• If the exchange or refund application period has elapsed (within 7 days from date of receipt)

  – If the value of the product degraded due to use after purchase

  – If a part or component of the product is missing or damaged

  – f product malfunction caused by user negligence

App.

You can search for mogabi in the Android and iOS app stores and download it for free.
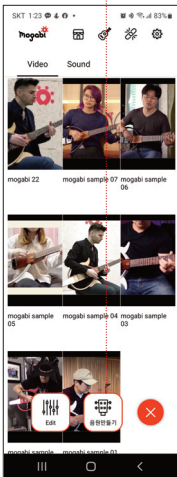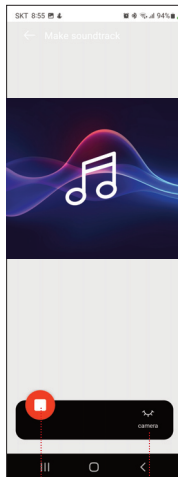It is a beta version and will be updated continuously.

홈페이지   튜너   연결   설정
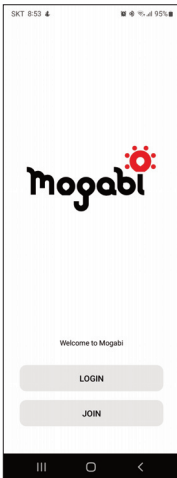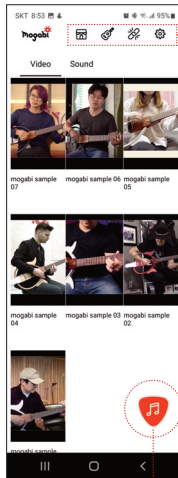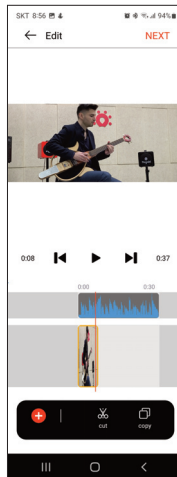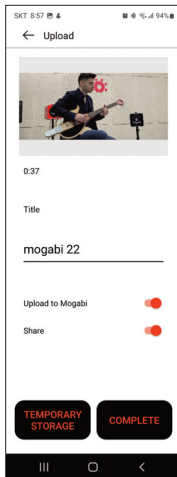

| Log-in | Main screen | Tuner | Connecting |

• Editing
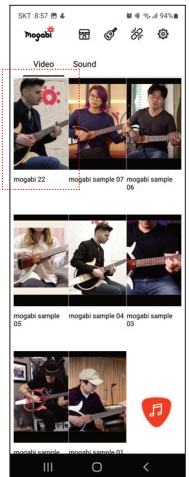• Creating a Sound Source

Making a song
• Recording the song
• Video and music recording

• Edit, such as crop or copy
• Importing another sound source
• Importing another video

Save / Share

When the save is complete,
a new list is created.

MEMO

Mogabi

www.mogabi.net