

1. Quick Start Guide

Congratulations with your new Wave by Genki Instruments.

Please go to www.genkiinstruments.com/start to start using Wave by Genki Instruments. There you'll find both instructions and SoftWave - our software which will guide you through the setup process!

2. Instructions

2.1 Wave by Genki Instruments

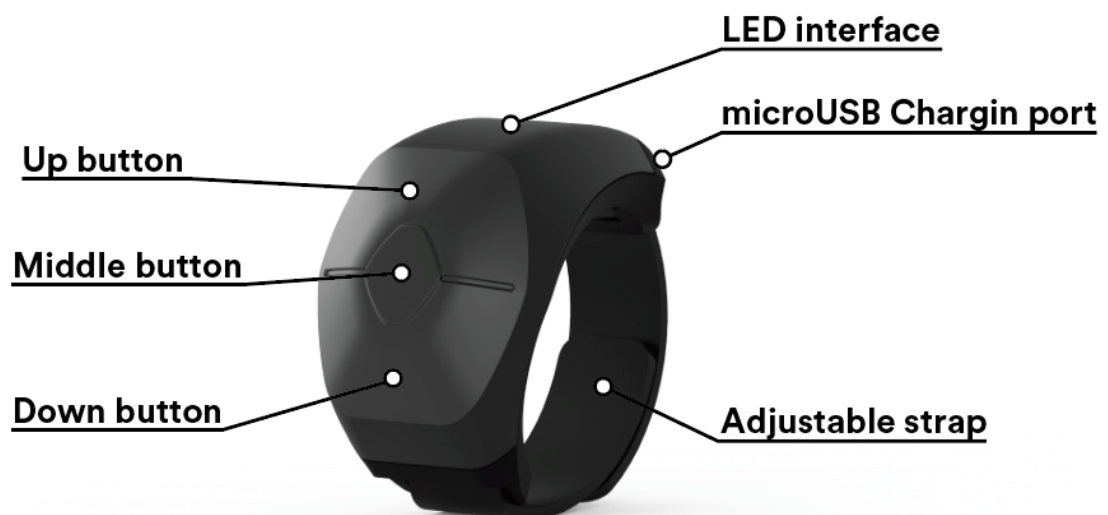
2.1.1 Wave by Genki Instruments

Wave by Genki Instruments is a ring that allows you to control sounds, shape effects or send commands with the movement of your hand. It is seamlessly intergrade into your setup as a musician, offering new ways of creating and interacting with music.

2.1.2 Included in Salesbox

1x Wave by Genki Instruments
1x Wave Softcase
1x USB Charging cable

2.1.3 Infographic



2.2 Wearing Wave

Wave is designed to sit on your index finger with the button pad facing your thumb. You can wear it either on your left or right index finger and you can press the buttons with your thumb.

Wave has an adjustable textile strap so it fits most finger sizes (see 2.1.3).

2.3 Turning Wave On and Off

To turn Wave on simply press the 'middle button' once. Wave starts to look for a host immediately.

To turn Wave off hold the 'middle button' and the 'up button' simultaneously for 1 second.

2.4 Connecting Wave to Mac

Wave by Genki Instruments works with all Mac computers that support Bluetooth MIDI. To find out if your computer has Bluetooth MIDI go to www.genkiinstruments.com/start

Simplest way to connect Wave to your Mac is through SoftWave (see chapter 2.6)

Turn Wave on. Make sure Bluetooth is turned on in the computer.

Go to Applications→Utilities→Audio MIDI Setup

In Audio MIDI Setup go to Window→Show MIDI Studio and then MIDI Studio→Open Bluetooth Configuration

You should see Wave. Press Connect.

To disconnect Wave either press Disconnect in Audio MIDI Setup or simply turn Wave off.

2.5 Connecting Wave to Windows

Wave by Genki Instruments works with all Windows 10 computers that support Bluetooth MIDI. To find out if your computer has Bluetooth MIDI go to www.genkiinstruments.com/start

Turn Wave on. Make sure Bluetooth is turned on. Go to Windows Settings -> Devices ->

Bluetooth & other devices Click "Add Bluetooth or other device" and select Bluetooth. Select

Wave in the list and wait for the connection to complete. Then click "Done". Wave should now

appear under "Other devices" and say "Connected". The LEDs on Wave might still indicate that it's not connected, but Windows will automatically connect when applications activate MIDI input

from Wave. To disconnect Wave you can either disable MIDI input from Wave in all running

applications, or simply turn Wave off. To remove Wave from the computer's memory, go to

Windows Settings -> Devices -> Bluetooth & other devices, select Wave and click "Remove device".

2.6 Using Wave with SoftWave

2.6.1 SoftWave

To use Wave with a computer you need to use it with our software SoftWave. SoftWave allows you to configure Wave to your liking so it suits your setup.

2.6.2 Enabling Wave in SoftWave

You need to enable Wave in SoftWave in order to use them together.

In SoftWave navigate to Options→Audio/MIDI Settings

If you have already connected Wave you should see Wave under Active MIDI Inputs.

Toggle the box in front of it to enable Wave.

If you are using Mac you can connect Wave through SoftWave. In Audio/MIDI Settings press Bluetooth MIDI.

You should see Wave. Press Connect. Then enable Wave under Active MIDI Inputs.

2.6.3 Buttons

The 'Up Button' takes you to the previous preset.

The 'Middle Button' activates and deactivates Wave.

The 'Down Button' takes you to the next preset.

2.6.4 Presets

SoftWave allows you to create presets for Wave which you can scroll between using the 'Up and Down Buttons'. A preset can be one movement, gesture or a trigger or a combination of different actions. Each preset can work with a different plug-in so going between presets can

You can customise this completely to your liking, save your setup and load other ones.

2.6.5 Movements

Tilt - use vertical orientation to control parameters.

Pan - use horizontal orientation to control parameters.

Roll - use sideways orientation to control parameters.

2.6.6 Gestures

Vibrato - move Wave quickly from side to side to control parameters.

2.6.7 Triggers

Tap - tap on a surface to trigger sounds.

Click - press a button to send a note.

2.6.8 Loading VSTs and AudioUnits in SoftWave

You can open up VSTs and Audio Units inside SoftWave allowing you to use SoftWave standalone. To load your VSTs and Audio Units navigate to Scan For Plugins and in Options select either Scan for new or updated AudioUnit plug-ins or Scan for new or updated VST3 plug-ins.

2.6.9 Mapping actions to Plugins

Press the button Show Plugin. You can see the icon for each action within the preset at the top of the plugin. Simply press the bar with the icon you wish to map and then change the parameter you want to map to. The action should be mapped to the parameter.

2.6.10 Saving/Loading Preset Sessions

You can save and load preset sessions.

For saving a Preset Session navigate to Save, choose a folder to save to and a name for the session. Press Save.

For loading a Preset Session navigate to Load, choose the folder where your Preset Sessions are stored. Select the session you'd like to load. Press Load.

2.7 Using Wave with WaveFront

2.7.1 WaveFront

To use Wave with a Eurorack setup you need to own Genki Instruments' WaveFront Eurorack Module. WaveFront allows you to hook Wave into your Eurorack Modular System.

2.7.2 Connecting with WaveFront

With Wave turned on press the button on WaveFront. The light on WaveFront should stop fading in and out and turn steady, indicating that Wave is connected to WaveFront. To disconnect Wave either turn Wave off or press the button on WaveFront again. If you do not press the button on WaveFront and only turn Wave off, Wave will automatically connect to WaveFront when turned on again.

2.7.3 Buttons

The 'Up Button' enters and exits Edit Mode.
The 'Middle Button' activates and deactivates Wave.
The 'Down Button' acts as a gate for the movements.

2.7.4 Movements

Tilt - use vertical orientation to control CV outputs.
Pan - use horizontal orientation to control CV outputs.
Roll - use sideways orientation to control CV outputs.

2.7.5 Gestures

Vibrato - move Wave quickly from side to side to control CV outputs.

2.7.6 Triggers

Tap - tap on a surface to trigger sounds.
Click - press the 'Down Button' to gate the movements or sounds.

2.7.8 Edit Mode

When using WaveFront, Edit Mode allows you to adjust the range of movements (Tilt, Pan, Roll) and their direction.
The first screen you see indicates the battery status of Wave.
Move between settings by using the 'Up and Down Button'.
To change the range of a movement hold down the middle button. When the icon starts blinking trace out the desired range of the movement in the air. When you are done, release the 'Middle Button'.
To change the direction of a movement press the 'Middle Button'. The arrow icon should change.

2.8 Charging

Wave comes with a USB cable. Simply plug the micro USB end into Wave and the other end into a power source. Power source is not provided.

2.9 FAQ

For answers to frequently asked questions or to get in contact with Genki Instruments ehf go to www.genkiinstruments.com

2. Warranty

Genki Instruments ehf guarantees this product for a period of one year from the date of purchase. The warranty only applies to defects attributable to the production process or materials used. The product covered by the warranty may be repaired or replaced after being assessed by Genki Instruments ehf. The service for products covered by the warranty can only be obtained by presenting a proof of purchase (valid receipt) and the original packaging.

The warranty does not cover parts subject to normal wear and tear due to daily use of the product. The warranty does not cover accidental damage, misuse, negligence and is null and void if the product has been tampered with by unauthorized representatives. For further information and a complete copy of Genki Instruments ehf Warranty Statement, please get in touch with us at www.genkiinstruments.com

English: Hereby, Genki Instruments ehf declares that the radio equipment type in Wave by Genki Instruments is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Internet address: www.genkiinstruments.com

Íslenska: Hér með lýsir Genki Instruments ehf yfir að tegund þráðlauss búnaðar í Wave by Genki Instruments sé í samræmi við tilskipun 2014/53/ESB. Fullan texta ESB-samræmisýfirlýsingarinnar er að finna á eftirfarandi veffangi: www.genkiinstruments.com

Suomi: Haltian Products Oy vakuuttaa, että radiolaitetyyppi Wave by Genki Instruments on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: www.genkiinstruments.com

Nederlands: Hierbij verklaar ik, Genki Instruments ehf dat het type radioapparatuur Wave by Genki Instruments conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: www.genkiinstruments.com

Francais: Le soussigne, Genki Instruments ehf declare que l'équipement radioelectrique du type Wave by Genki Instruments est conforme a la directive 2014/53/UE. Le texte complet de la declaration UE de conformite est disponible a l'adresse internet suivante: www.genkiinstruments.com

Svenska: Harmed försäkrar Genki Instruments ehf att denna typ av radioutrustning Wave by Genki Instruments överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: www.genkiinstruments.com

Dansk: Hermed erklærer Genki Instruments ehf at radioudstyrstypen Wave by Genki Instruments er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: www.genkiinstruments.com

Deutsch: Hiermit erklart Genki Instruments ehf dass der Funkanlagentyp Wave by Genki Instruments der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: www.genkiinstruments.com

Ελληνικά: Με την παρούσα ο/η Genki Instruments ehf δηλώνει ότι ο ραδιοεξοπλισμός Wave by Genki Instruments πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: www.genkiinstruments.com

Italiano: Il fabbricante, Genki Instruments ehf apparecchiatura radio direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: www.genkiinstruments.com

Espanol: Por la presente, Genki Instruments ehf declara que el tipo de equipo radioeléctrico Wave by Genki Instruments es conforme con la Directiva 2014/53/UE. El texto completo de la

declaración UE de conformidad está disponible en la dirección Internet siguiente:
www.genkiinstruments.com

Portugues: O(a) abaixo assinado(a) Genki Instruments ehf declara que o presente tipo de equipamento de radio Wave by Genki Instruments esta em conformidade com a Diretiva 2014/53/UE. O texto integral da declaracao de conformidade esta disponivel no seguinte endereco de Internet: www.genkiinstruments.com

Čeština: Tímto Genki Instruments ehf prohlašuje, že typ radioveho zařizení Wave by Genki Instruments je v souladu se směrnicí 2014/53/EU. Uplně znění EU prohlášení o shodě je k dispozici na této internetové adrese: www.genkiinstruments.com

Eesti: Kaesolevaga deklareerib Genki Instruments ehf et kaesolev raadioseadme tuup Wave by Genki Instruments vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav jargmisel internetiaadressil: www.genkiinstruments.com

Magyar: Genki Instruments ehf igazolja, hogy a Wave by Genki Instruments típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelősegi nyilatkozat teljes szövege elérhető a következő internetes címen: www.genkiinstruments.com

Latviešu valoda: Ar šo Genki Instruments ehf deklarē, ka radioiekārta Wave by Genki Instruments atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: www.genkiinstruments.com

Lietuvių kalba: Aš, Genki Instruments ehf patvirtinu, kad radijo įrenginių tipas Wave by Genki Instruments atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: www.genkiinstruments.com

Malti: B'dan, Genki Instruments ehf niddikjara li dan it-tip ta' tagħmir tar-radju Wave by Genki Instruments huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformita tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: www.genkiinstruments.com

Slovenčina: Genki Instruments ehf týmto vyhlasuje, že rádiové zariadenie typu Wave by Genki Instruments je v súlade so smernicou 2014/53/EU. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: www.genkiinstruments.com

Slovenščina: Genki Instruments ehf potrjuje, da je tip radijske opreme Wave by Genki Instruments skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: www.genkiinstruments.com

Romană: Prin prezenta, Genki Instruments ehf declară că tipul de echipamente radio Wave by Genki Instruments este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: www.genkiinstruments.com

български: С настоящото Genki Instruments ehf декларира, че този тип радиосъоръжение Wave by Genki Instruments е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: www.genkiinstruments.com

Polski: Genki Instruments ehf niniejszym oświadcza, że typ urządzenia radiowego Wave by Genki Instruments jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: www.genkiinstruments.com

Norsk: Herved Genki Instruments ehf erklærer at radioutstyr type Wave by Genki Instruments er i samsvar med direktiv 2014/53/EU. Den fullstendige teksten i EU-samsvarserklæringen er tilgjengelig på følgende internettadresse: www.genkiinstruments.com

Hrvatski: Genki Instruments ehf ovime izjavljuje da je radijska oprema tipa Wave by Genki Instruments u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: www.genkiinstruments.com

Türk: Burada, Genki Instruments ehf radyo ekipmanı türünün Wave by Genki Instruments 2014/53/ EU direktiflerine uyumlu olduğunu beyan eder. Uyumu beyanının tam metni belirtilen internet sitesinde mevcuttur: www.genkiinstruments.com

3. FCC REQUIREMENTS FOR OPERATION IN THE UNITED STATES

FCC Information to User

This product does not contain any user serviceable components and is to be used with approved, internal antennas only. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals.

FCC Guidelines for Human Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Federal Communications Commission Statement

This device complies with Part 15 Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

FCC Radio Frequency Interference Warnings & Instructions

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 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 methods:

- Increase the separation between the equipment and the receiver.
- Connect the equipment into an electrical outlet on a circuit different from that which the radio receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

FCC Caution

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- 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. Canadian Department of Communications Radio Interference Regulations

This Class [B] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

Innovation, Science and Economic Development Canada (ISED) regulatory information

This device complies with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). 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.

Ce dispositif est conforme à la norme CNR 'Innovation, Sciences et Développement économique Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation exposure statement / Déclaration d'exposition aux radiations

This device complies with ISED radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé.

4. EQUIPMENT SPECIFICATION

RF Interface:

- Frequency range: 2400 MHz to 2483.5 MHz
- Max RF output power: +4 dBm
- Type of antenna: PWB strip line (IFA)
- Ant. frequency band: 2400 MHz to 2483.5 MHz
- Antenna gain: -5.4 dBi

Battery:

- Battery size 60mAh

5. PRODUCT AND SAFETY INFORMATION

- Wave by Genki Instruments is intended to be used with a computer or a Eurorack to control sounds, shape effects or send commands with the motion of the hand.
- Wave by Genki Instruments is intended to be worn on a person's index finger.
- For optimal performance do not operate the device below 0°C and above +45°C
- Failure to comply with the instructions may cause damage to the device.
- Do not open, dismantle or modify the device.
- Do not drop, shock or impact your device.
- Do not eat or swallow the device.
- Do not store the device in wet or humid conditions.
- Wave by Genki Instruments must not be charged when attached to a finger or any part of a living thing.

- The battery inside Wave by Genki Instruments is not replaceable by user. Any trials of opening the ring will cause voiding of warranty. Incorrect battery can defeat safeguard.
- Wave by Genki Instruments must be disposed correctly (recycled). Disposing of the product e.g. in fire, hot oven or mechanically crushing it can result in explosion.
- Exposing Wave by Genki Instruments to extremely high temperatures can cause explosion or leakage of flammable liquid gas.
- Exposing Wave by Genki Instruments to extremely low air pressure may result in explosion or leakage of flammable liquid gas.
- Power supply adapter shall meet PS1 requirements.

6. Manufacturer name and address

Genki Instruments ehf - Eidistorg 13-15 - 170 Seltjarnarnes - Iceland
Designed in Iceland — Made in Finland