

G3 & G5 Drum Module



Model	G3 & G5
Document	Quick Start Guide
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Manufacturer

GEWA music GmbH
Oelsnitzer Straße 58
D-08626 Adorf

GERMANY



Please read this owner's manual carefully before operating the device and take note of the safety information! Keep this document available for immediate reference.



Download the complete owner's manual at
gewadrums.com/service

www.gewadrums.com

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Dear customer,

Thank you for purchasing our top-quality GEWA G3/G5 Module!

The GEWA G3/G5 is an E-Drum that gives you a highly impressive sound and playing experience, while offering a huge extra set of additional and easy-to-use sounds and features.

Your safety is very important to us! Please read the safety information carefully and take good note of the given information.

We suggest that you keep this user manual in a safe and known place, and to pass it on to a new owner or user of your G3/G5 Module.

1 SAFETY INFORMATION

The manufacturer cannot be held liable for injury to persons or damage to property resulting from incorrect use of the device!

Only use your digital drum set in accordance with the instructions given here!

1.1 SYMBOLS USED IN THE MANUAL

The following symbols are used to signal risks and to give advice:

Level of Risk	Symbol		Definition
Serious Injuries		WARNING	Failure to observe the following safety instructions can result in serious injury or death.
Electrical Hazard		WARNING	Failure to observe the following safety instructions can result in serious injury or death by electrical hazards.
Minor Injuries and device damage		CAUTION	Failure to observe the following safety instructions can result in minor injuries and/or device damage.
Notes		NOTE	Helps to avoid injuries and damaging of the drum console.
Tip		HINT	Hints for optimized handling of your GEWA digital drum console.

1.2 SAFETY PRECAUTIONS

Always follow the safety precautions given here. Non-compliance with the safety precautions may have serious consequences:

- Serious injury or even lethal accidents
- Electrical Hazard
- Short circuits
- Damage
- Fire

Further and other risks are possible; therefore, this list does not claim to be complete.



WARNING

Electrical Hazard



- Do not expose the apparatus to dripping or splashing liquids.
- Do not place objects filled with liquids, such as vases or glasses, on or near the apparatus.
- The mains plug shall remain readily operable. Never use damaged power supplies/cables.
- Install power supplies/cables firmly to avoid the risk of damage.
- Even low electric currents can lead to serious injuries and even death!
- Never open the drum console.
- Never insert water or liquids into the drum console.
- Never clean the digital drum console with a wet cloth.
- Never plug in or unplug the console with wet hands and never pull on the cable as it may be damaged.
- If liquids or water accidentally get into the drum console, unplug it immediately. In all the above cases, have the digital drum console checked by your authorized GEWA customer service team.
- Never use damaged power supplies/cables.
- Protect the power cable from being walked on or pinched, particularly at plugs, convenience receptacles, and at the point where they exit from the apparatus.



WARNING

Fire Prevention

- Ensure a minimum distance of 7 cm (three inches) around the apparatus for sufficient ventilation.
- Ensure that the ventilation is not impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains, etc.
- Do not place naked flame sources, such as lighted candles, on the apparatus. Candles or oil lamps can tip over and cause a fire.
- Never bring open fire on or near to the digital drum set.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Use the apparatus only in moderate climates (not in tropical climates).



WARNING

Unusual Behavior



- Switch the drum console off or unplug it immediately if:
 - there is a sudden loss of sound while the drum console is in use.
 - the console emits an unusual smell or smoke.
- It is essential to have the drum console checked by your GEWA customer service team.



CAUTION

Damaging the Apparatus

- Mismatching electrical voltages can damage the console. Operate the digital drum console only within the correct voltage range (marked on the corresponding specs plate).
- Only use the power supply and power cable supplied with the device.
- Never place the power cable near to heat sources such as radiators or radiant heaters.
- Do not sharply bend the cable, or damage it in any way (1 risk of cable break!).
- Position the power cable in a way to avoid tripping or anything heavy rolling over it.
- Do not place any objects on the power cable.
- Check the power supply regularly and remove any visible dust or dirt on the device.



CAUTION

Damage by Thunderstorms



- Thunderstorms can produce electrical surges that are able to damage your drum console.
- During thunderstorms, or if you will not use your drum console for a while, we suggest you unplug your console from the electrical system completely .

1.3 PROPER HANDLING

- Please keep your digital drum console in a dry environment.
- Audio accessories for audio playback (connected to the in- or output of the console) or for data communication can be connected. Accessories must match the relevant technical specifications (see “Technical Data” section).
- Only and always use GEWA certified power adapters, and make sure that they are properly attached and connected. The power supply used must also meet the country’s voltage specifications (check plate on the adapter).
- The digital drum set is only to be used as originally delivered. Any modifications to the drum set are not allowed and result in a complete loss of warranty.
- The digital drum set must be set up on a safe weight-bearing, stable and even ground or platform able to support the weight (please therefore see “Technical Data” section).

1.4 IMPROPER USE (EXAMPLES)

- Exposing the digital drum console to an open air or moist/rainy environment.
- Setting up the digital drum set in damp rooms.
- Using power supplies not authorized by GEWA music or connecting the console to an electrical outlet despite mismatching local voltage specifications.
- Playing the digital drum set close to electrical or electronic devices, such as stereo systems, TV sets, radios or mobile phones. These devices can cause interferences and seriously effect and decrease the sound quality of your GEWA digital drum set.
- Using extensively long audio leads can likewise interfere with the sound quality.
- Transport and setup up in conjunction with strong vibrations and shocks, dust and heat exposure (e.g.in vehicles or direct sunshine or both), should also definitely be avoided.
- Playing on the display with drumsticks or other solid objects can damage the protective glass. Only use your fingers and ensure enough distance between the module and the connected equipment.



The manufacturer cannot be held liable in case of damages in the following cases:

- **Non-compliance with the safety instructions**
- **Improper handling**
- **Connecting incompatible in/output devices etc. or other 3rd party interface devices.**

1.5 CE LABEL



Is in conformity with the relevant Union harmonisation legislation:

Directive 2014/53/EU

Standards to which conformity is declared:

EN55032:2015

EN55035:2017+A11:2020

EN61000-3-2:2014

EN61000-3-3:2013

EN301489-17:V3.2.4

EN62368-1:2014+A11:2017

Compliance with the above directives is confirmed by the CE label on the device. The declaration of conformity can be viewed at the following address:

GEWA music GmbH
Oelsnitzer Straße 58
08626 Adorf
GERMANY

1.6 FCC LABEL/FCC MARK



This product is certified by the Federal Communications Commission (FCC) and is identifiable by its FCC-ID: 2APTV-GEWAG3 / 2APTV-GEWAG5. It contains a modular approved transmitter module with FCC-ID: A8TBM64S2.

This information is also shown on the permanent label at the bottom side of each device.

RF Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE).

This Class B digital 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.

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: Any changes or modifications not expressly approved by GEWA music GmbH could void the user's authority to operate this equipment.

1.7 REGULATORY INFORMATION - CANADA

IC

ENGLISH

This product is certified by Innovation, Science and Economic Development (ISED) and is identifiable by IC: 23946-GEWAG3 / 23946-GEWAG5. It contains a modular approved transmitter module with IC: 12246A-BM64S2 as well as license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s).

ICES-003 Class B Notice

This Class B digital device complies with Canadian CAN ICES-003. 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.

This information is also shown on the permanent label at the bottom side of each device.

RF Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment and meets the RSS-102 of the ISED radio frequency (RF) Exposure rules. This equipment has low levels of RF energy that are deemed to comply without maximum permissible exposure evaluation (MPE).

Standards to which compliance is declared can be found under the following links:

RSS-Gen: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08449.html>

RSS-102: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01904.html>

RSS-247: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf10971.html>

Ce produit est certifié par Innovation, Sciences et Développement Économique (ISDE) et est identifiable par IC: 23946-GEWAG3 / 23946-GEWAG5. Il contient un module d'émetteur approuvé avec IC: 12246A-BM64S2 ainsi que des émetteur(s)/récepteurs(s) exempts de licence qui sont conformes aux CNRs applicables de Innovation, Sciences et Développement économique Canada.

Avis NMB-003, Classe B

Le présent appareil numérique de la classe B est conforme à la norme NMB-003 d'Industrie Canada. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Ces informations sont également affichées sur l'étiquette permanente en bas de chaque dispositif.

Déclaration concernant l'exposition humaine aux RF

Cet équipement est conforme aux limites d'exposition humaine aux radiofréquences d'ISDE exposés pour environnement contrôlé et satisfait au CNR-102. Cet équipement possède niveaux d'énergie de radiofréquences bas que sont considérés d'être conforme sans l'évaluation des valeurs d'intensité maximale de champ des RF.

Conformité déclarée aux normes suivantes:

CNR-Gen: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/fra/sf08449.html>

CNR-102: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/fra/sf01904.html>

CNR-247: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/fra/sf10971.html>

1.8 RECYCLING



In case your digital drum console needs to be disposed of, take it to your local community waste management service location (e.g. disposal companies, recycling centers).

The displayed symbol requires that devices labeled with this symbol must be disposed of separately from household waste. Under the Electrical and Electronic Equipment Act, owners of devices marked with this symbol are required by federal law to deposit waste electrical and electronic equipment in a separate waste collection.

Please help us with your contribution to protect the environment by not depositing your old electrical equipment with the general household waste.

2 SCOPE OF SUPPLY

2.1 GEWA G3

The GEWA G3 Drum Set is made up of the following parts. Please check the package contents is complete:

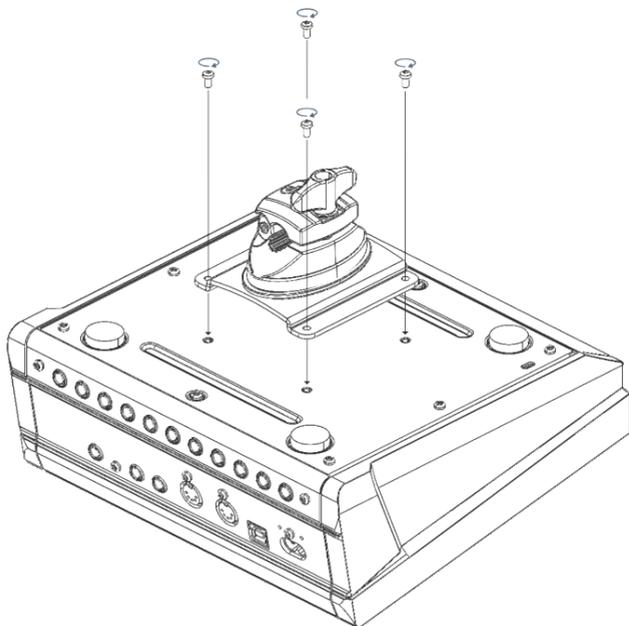
<p>G3 Drum Module</p>  <p>1x</p>	<p>10.5 – 12.7 mm module bracket</p>  <p>1x</p>	<p>Product ID card</p>  <p>1x</p>
<p>USB Stick</p>  <p>1x</p>	<p>Quick start guide (multilingual)</p>  <p>1x</p>	<p>Power cable 1.8 m (IEC C8)</p>
<p>Type C (CEE 7/16) (EU CH CU IL IN)</p>  <p>1x</p>	<p>Type A (US CA CU JP TW)</p>  <p>1x</p>	<p>Type G (UK)</p>  <p>1x</p>
<p>Type I (AU AR NZ)</p>  <p>1x</p>	<p>* The number of power cables included varies depending on the country. GEWA G3 & G5 Quick Start Guide 13</p>	

2.2 GEWA G5

The GEWA G5 Drum Set is made up of the following parts. Please check the package contents is complete:

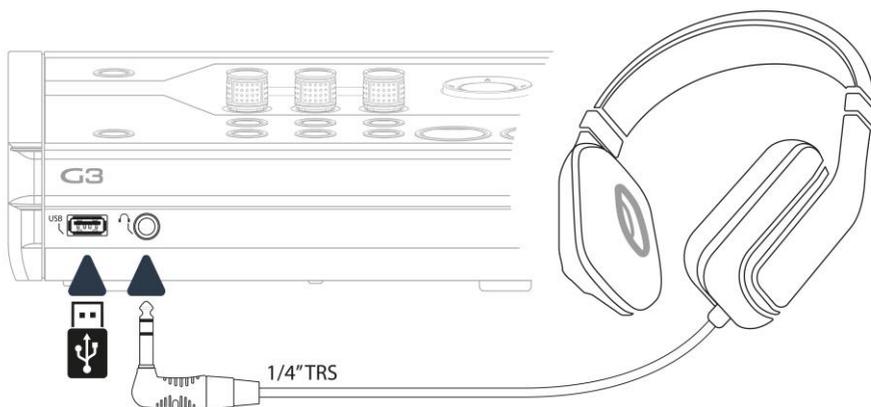
<p>G5 Drum Module</p>  <p>1x</p>	<p>10.5 – 12.7 mm module bracket</p>  <p>1x</p>	<p>Product ID card</p>  <p>1x</p>
<p>USB Stick</p>  <p>1x</p>	<p>Quick start guide (multilingual)</p>  <p>1x</p> <p>Power cable 1.8 m (IEC C8)</p>	
<p>Type C (CEE 7/16) (EU CH CU IL IN)</p>  <p>1x</p>	<p>Type A (US CA CU JP TW)</p>  <p>1x</p>	<p>Type G (UK)</p>  <p>1x</p>
<p>Type I (AU AR NZ)</p>  <p>1x</p>	<p>* The number of power cables included varies depending on the country.</p>	

3 MOUNTING INSTRUCTIONS G3 & G5



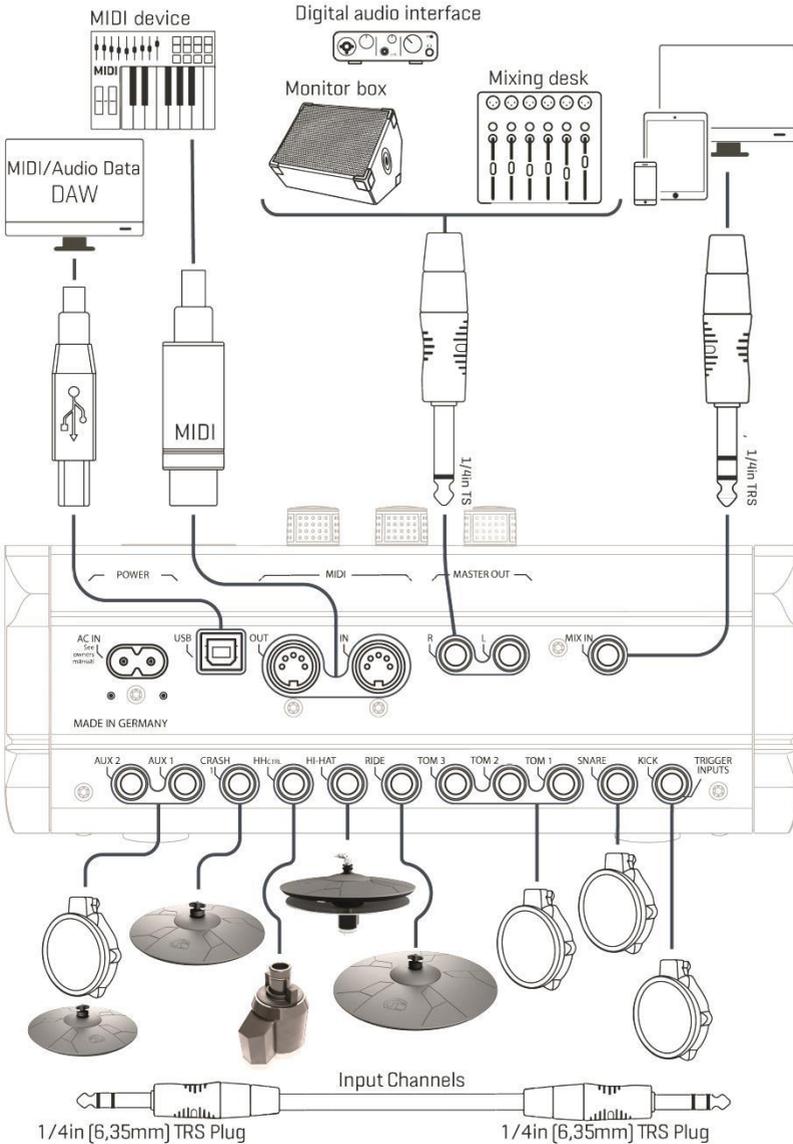
3.1 CONNECTING EXTERNAL EQUIPMENT TO THE G3 & G5 MODULE

3.1.1 FRONT G3

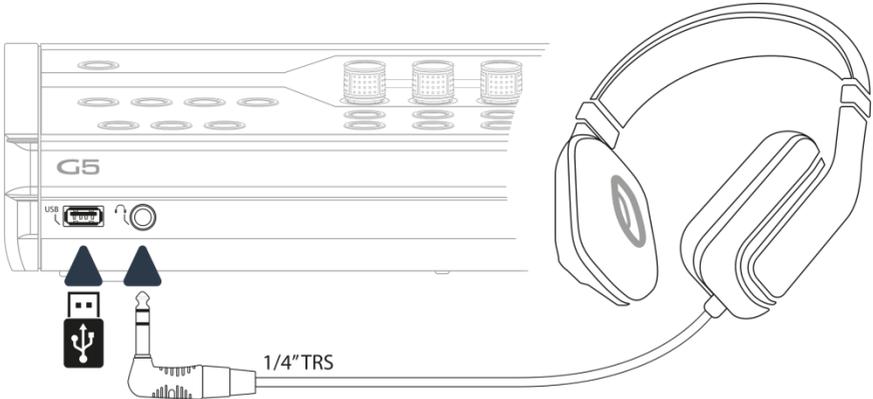


3.1.2 REAR PANEL G3

Make sure that the unit is switched off before connecting the equipment.

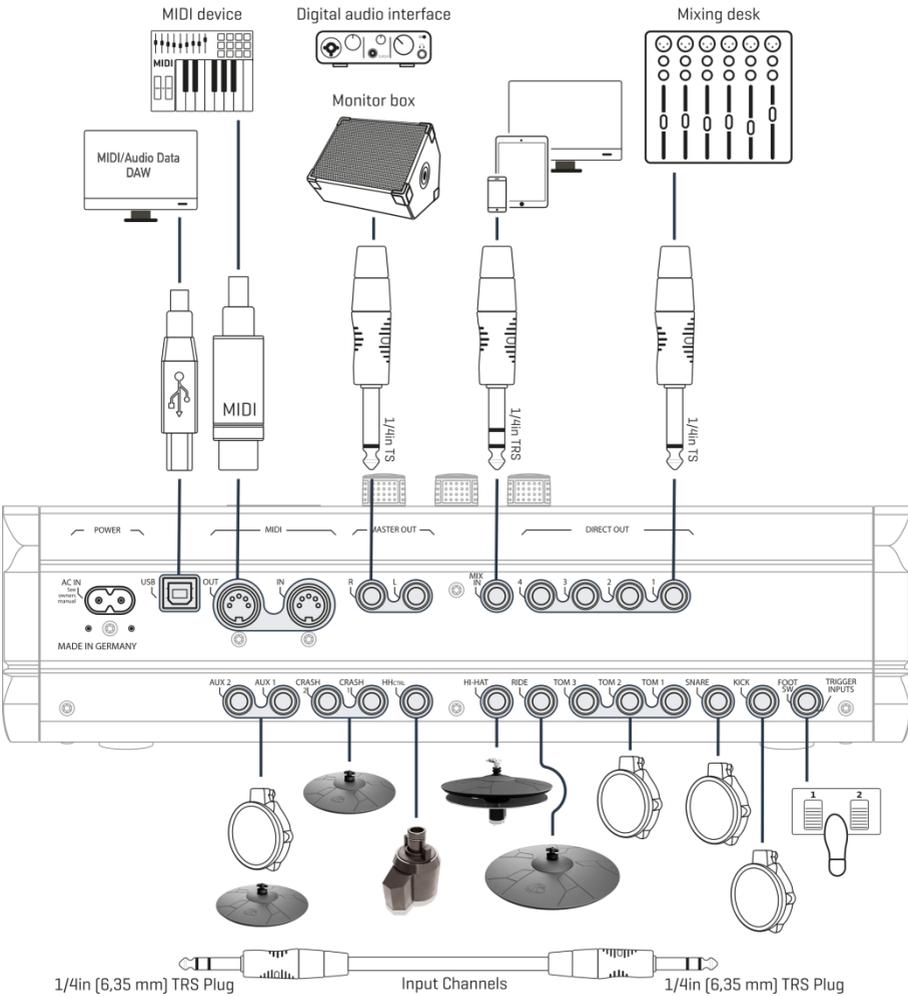


3.1.3 FRONT G5



3.1.4 REAR PANEL G5

Make sure that the unit is switched off before connecting the equipment.

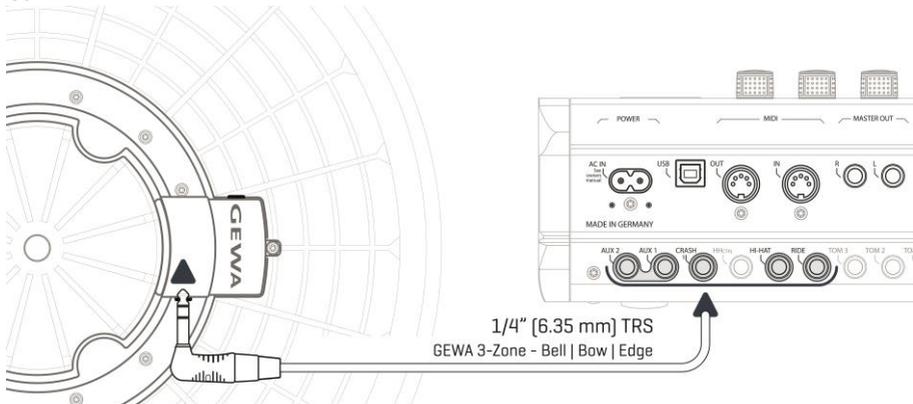


3.2 CYMBALS

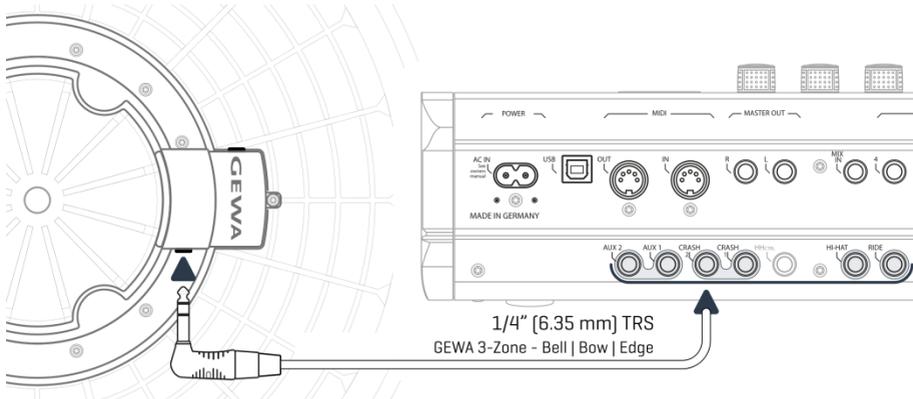
3.2.1 GEWA CYMBALS

GEWA cymbals are equipped with two stereo jacks (6.35 mm - 1/4" TRS standard). In operation with GEWA modules, only the jack that is closer to the center hole of the cymbal is relevant.

G3

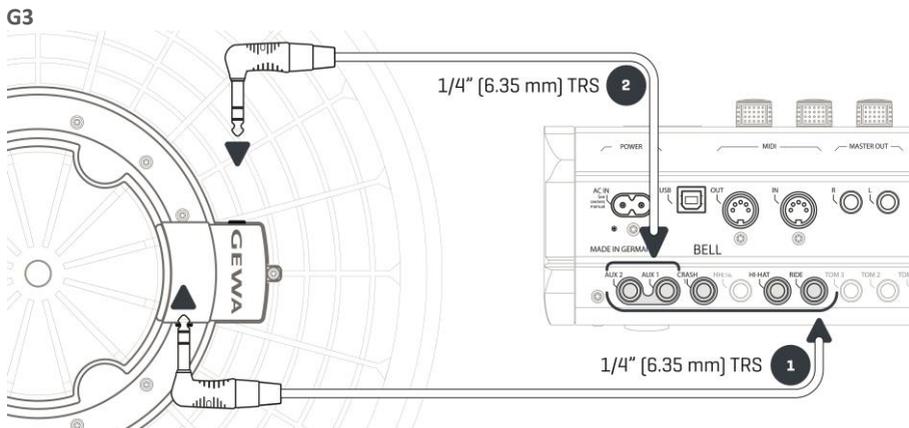


G5



3.2.2 OTHER MANUFACTURERS

Connect analog sensors from other manufacturers as shown in the diagram below. Also note the selection at [TRIGGER SET.] → AUX1 → [F1] → Trigger Type (3-Way) in the Module:



Trigger Type by Cymbal-Pad-Type / G3

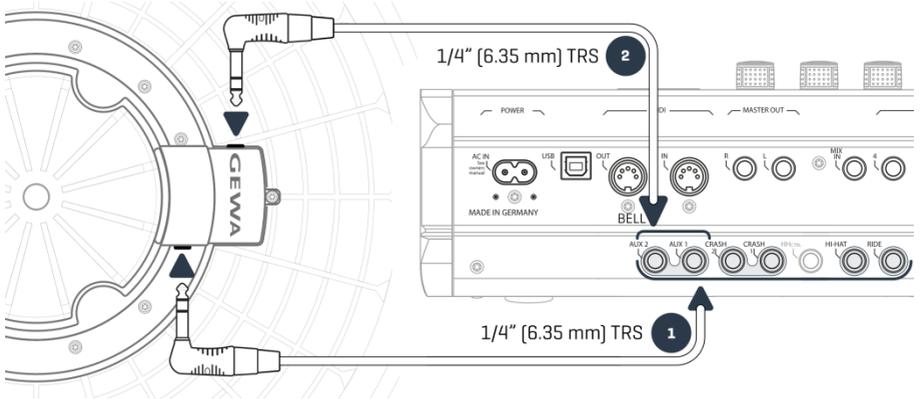


Cymbal Type	Components	Components	Trigger Type (Trigger Settings)
	1	2	
1-Zone cymbals	Edge	None	Single/Dual
2-Zone cymbals	Bow Edge	None	Dual
3-Zone cymbals without separate bell output	Bow Edge Bell	None	Dual
3-Zone cymbals with separate bell output	Bow Edge	Bell	3-Way



For the correct operation of cymbals from other manufacturers, select the appropriate trigger type in the module (Look at "Trigger Settings" in the owner's manual).

G5



Trigger Type by Cymbal-Pad-Type / G5



Cymbal Type	Components		Trigger Type (Trigger Settings)
	1	2	
1-Zone cymbals	Edge	None	Single/Dual
2-Zone cymbals	Bow Edge	None	Dual
3-Zone cymbals without separate bell output	Bow Edge Bell	None	Dual
3-Zone cymbals with separate bell output	Bow Edge	Bell	3-Way



For the correct operation of cymbals from other manufacturers, select the appropriate trigger type in the module (Look at "Trigger Settings" in the owner's manual)

3.2.3 ANALOG CYMBAL PADS WITH SEPARATE OUTPUT FOR THE BELL

Cymbal pads with their own output for the bell can be connected to GEWA modules in various ways. See the table below for all possible combinations of **Bow/Edge** and **Bell** input channel assignments:

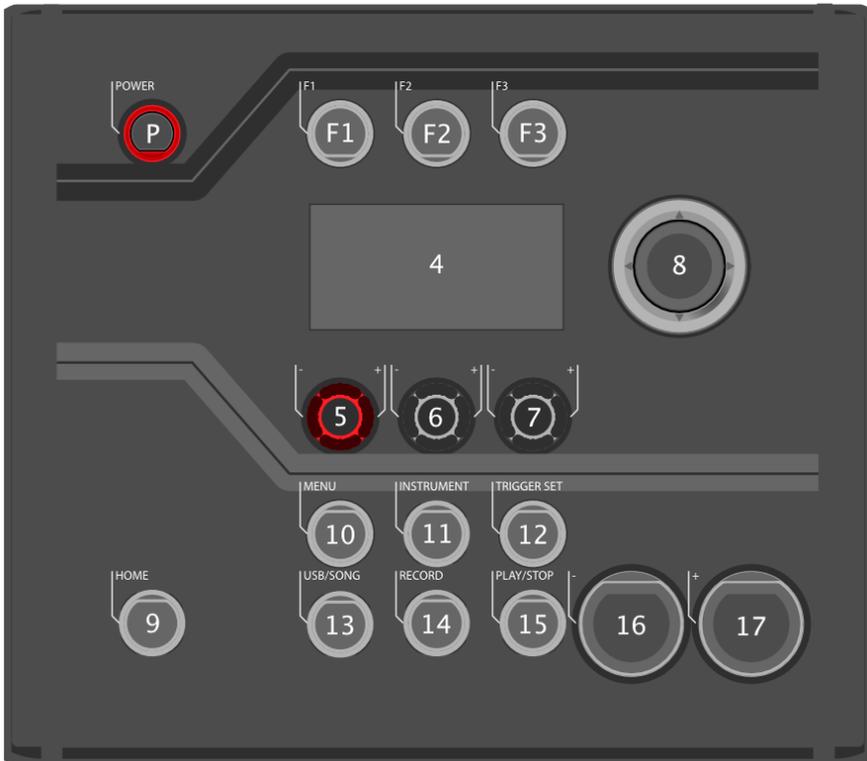
GEWA input assignments for cymbals with separate bell channel		
	Cymbal components (sensor)	
	Bow/Edge	Bell
Input (Input channel)	Aux 1	Aux 2
 NOTE	<i>Cymbals with a separate bell socket require 3-Way trigger type. The setting is made in the trigger settings on the Bow/Edge input channel (Look at "Trigger Settings" in the owner's manual).</i>	

Connect other analog pads according to the labelling of the trigger inputs on the back of the module.

4 USER INTERFACE

4.1 G3

The function of the dials and keys may vary depending on the active level based on the software. This section describes the default assignment when the unit is started.



No	Action	Name	Description
P		Power button	Switch device on and off.
F1		Function key 1	[Variable application] The function is shown in the upper left field of the display.
F2		Function key 2	[Variable application] The function is shown in the upper middle field of the display.
F3		Function key 3	[Variable application] The function is shown in the upper right field of the display.
4		OLED Display	
5		Dial 1	[Variable application] The function is shown in the lower left field of the display.
6		Dial 2	[Variable application] The function is shown in the lower middle field of the display.
7		Dial 3	[Variable application] The function is shown in the lower, right field of the display.
8		Selection and confirmation button [ENTER]	[ENTER]; Start/Stop – Metronome & basic display navigation.
9		Home	Startup screen
10		Menu	Opens the menu for basic settings, effects, mix and MIDI settings.
11		Instrument	Opens the menu with pad-specific sound parameters.
12		Trigger Set	Opens the menu for trigger settings.
13		USB/Song	Play your audio files via USB-Stick.
14		Record	Record all audio signals that are audible in the master output.
15		Play/Stop	Starts and stops selected songs from USB-stick.
16		[-] Key	Different applications depending on what is shown in the display.
17		[+] Key	Different applications depending on what is shown on the display.

4.2 G5

The function of the dials and keys may vary depending on the active level based on the software. This section describes the default assignment when the unit is started.

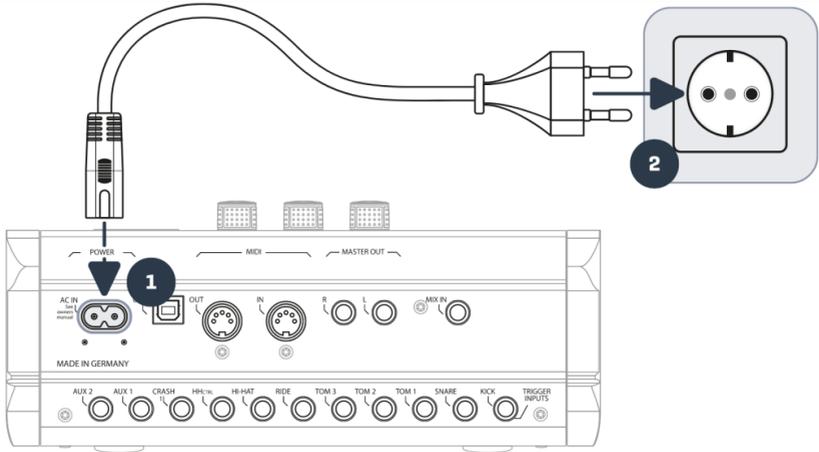


No	Action	Name	Description
P		Power button	Switch device on and off.
F1		Function key 1	[Variable application] The function is shown in the upper left field of the display.
F2		Function key 2	[Variable application] The function is shown in the upper middle field of the display.
F3		Function key 3	[Variable application] The function is shown in the upper right field of the display.
4		OLED Display	
5		Dial 1	[Variable application] The function is shown in the lower left field of the display.
6		Dial 2	[Variable application] The function is shown in the lower middle field of the display.
7		Dial 3	[Variable application] The function is shown in the lower, right field of the display.
8		Selection and confirmation button [ENTER]	[ENTER]; Start/Stop – Metronome & basic display navigation.
9		Effects	Opens the effects menu to make adjustments to the effects.
10		Mix	Opens the mixer to adjust the pad/channel volumes.
11		Master	Opens the menus for the setlist, routing, MIDI, EQ and compressor settings.
12		Instrument	Opens the menu with pad-specific sound parameters.
13		Home	Startup screen
14		Kit	The list view of all available drum kit presets.
15		USB Load/Save	Import & export functions for the USB-stick.
16		Setup	Basic settings & Bluetooth
17		Trigger Settings	Opens the menu for trigger settings
18		Trigger Select	Select trigger input and trigger.
19		USB/Song	Open audio files via USB-Stick.
20		Record	Record all audio signals that are audible in the master output.
21		Play/Stop	Starts and stops selected songs from USB-stick.
22		[-] Key	Different applications depending on what is shown in the display.
23		[+] Key	Different applications depending on what is shown on the display.
24		Preview	Pre-listen to the selected sound

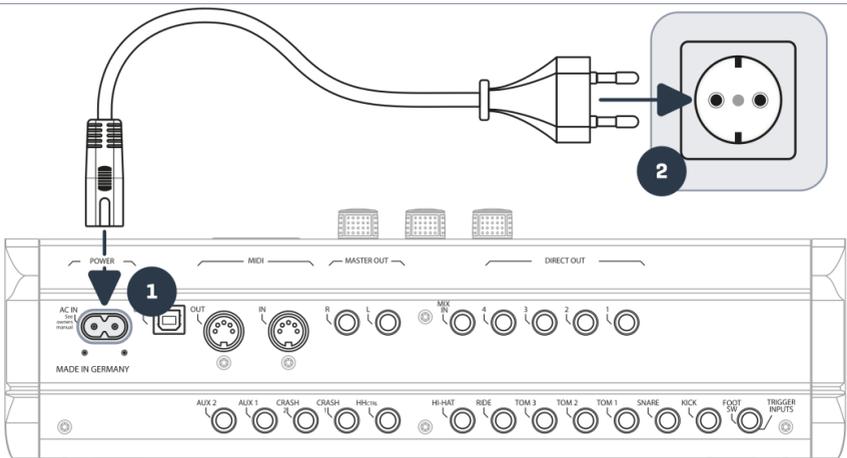
5 SWITCHING THE DEVICE ON AND OFF

- 1 Connect the supplied mains cable to the AC IN socket on the back of the unit. Follow the safety instructions (→ Safety Information)
- 2 Insert the mains plug into the socket.

G3



G5



- 3 When the mains cable is connected, the **[Power]** key lights up red. The unit is in stand-by mode. Press the **[Power]** key to start the unit.
- 4 Wait while the unit starts up.

 To save energy, the unit has the "AUTO OFF" function. With the factory setting, the unit shuts down automatically after 30 minutes of inactivity. You can change this setting at any time in [SETUP] → Auto Off

6 BEFORE YOU START...

This section provides you with an overview of the most important global settings of the GEWA module. These settings are identical for the G3 and the G5 module. Select the appropriate setting based on the associated set/hardware.

6.1 WELCOME-WIZARD / START-ASSISTANT

At the first start - and after every factory reset - you are offered a configuration help so you can quickly and easily set your GEWA module in the basics. Of course you can quit the process by pressing [F3] [CANCEL] and set it manually. „SKIP“, skips the level.

For manual setting read the following chapters!

1  [POWER] 



Press [F2] [START].

2  [F2] 



Now select your **trigger setup** with the navigation keys [8] and confirm the selection with [F2].

3



Press the hi hat together with your foot and press [F2] "NEXT".

4



Open the hi hat completely and press [F2] "NEXT".

5



Test the hi hat and press [F2] "SAVE".

6



Setup completed. Press [F3] "DONE".

7



6.2 TRIGGER SETUP

Your GEWA Drum Console provides trigger presets for different pad configurations. If you have purchased your G3 or G5 with a prepacked pad configuration, select the appropriate setup from the list:

GEWA G3 STUDIO GEWA G5 STUDIO | GEWA G5 PRO

Should you use the G3 or G5 module with the pad configurations of the G9, then please select one of the following trigger presets:

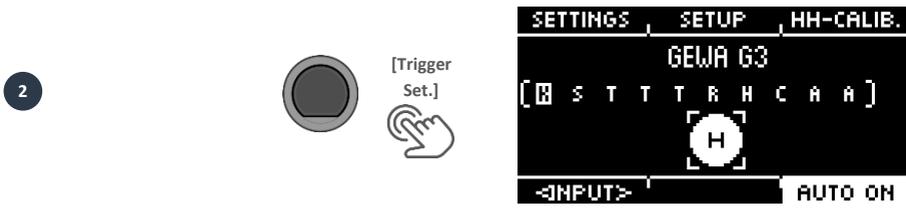
GEWA G9 STUDIO | GEWA G9 PRO 5 | GEWA G9 PRO 6

Observing the safety instructions of the Quick Start or operating instructions, proceed as follows (example G3):

Turn on the power by pressing the **[POWER] [P]** button.



Press the button **[TRIGGER SET.]**.



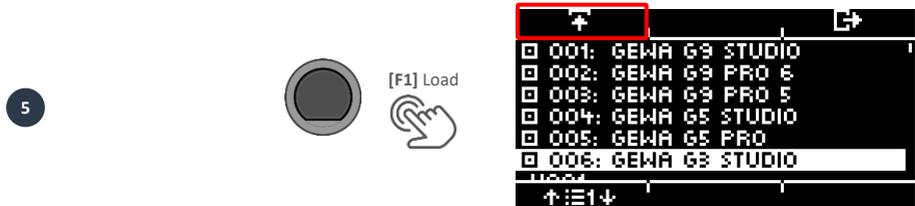
Press **[F2]** "SETUP".



Press [F1] "PRESET"



Use the dial [5] or the navigation keys [8] to select your GEWA set from the list and confirm via [F1]. The process is now complete and your GEWA drum set is optimally tuned to the G3 module.

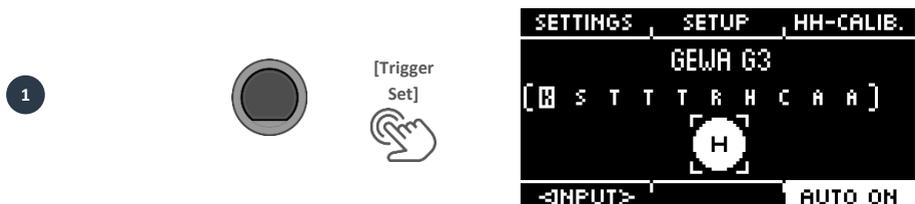


6.3 HI HAT CALIBRATION

6.3.1 G3

The hi hat is the most complex instrument of a drum kit. It requires a particularly good tuning between hardware and software to produce the best playing results. Proceed as follows to calibrate the hi hat.

Press [12] [TRIGGER SET].



Press [F3] "HH-CALIB".



Press the hi hat together with your foot and press [F2] "NEXT".



Open the hi hat completely. Confirm the action by pressing the button [F1] "FINISH".



Now the hi hat is fully calibrated and playable. With the hi hat symbol you can directly test whether the mechanism works. Then confirm the setting by pressing the button [F1] "DONE"



If you want to leave the calibration without saving, press the button ↵ [F3].

6.3.2 G5

The hi hat is the most complex instrument of a drum kit. It requires a particularly good tuning between hardware and software to produce the best playing results. Proceed as follows to calibrate the hi hat.

Press [18] [TRIGGER SELECT].



Start the calibration and press the button [F3] "HH-CALIB."



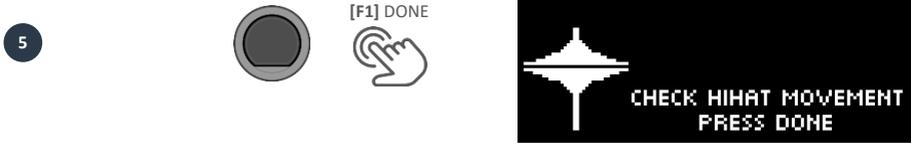
Close the hi hat to the lowest position. Follow the instruction and press [F1] "NEXT".



Open the hi hat completely. Confirm the action by pressing the button [F1] "FINISH".



Now the hi hat is fully calibrated and playable. With the hi hat symbol you can directly test whether the mechanism works. Then confirm the setting by pressing the button [F1] "DONE"



If you want to leave the calibration without saving, press the button [F3].

6.4 BLUETOOTH

Setting up the Bluetooth connection.

Figure 1.1 describes the first step of connecting to the G3.

Figure 1.2 describes the first step of connecting to the G5.

Please continue with **step 2** afterwards.

Press [10] [MENU] → "SETUP".



Press [16] [SETUP].



Press [F2] "BLUETOOTH"

2

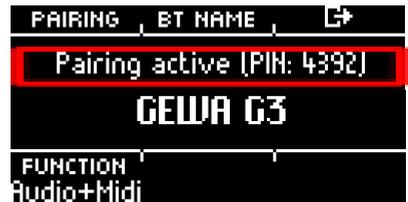


3



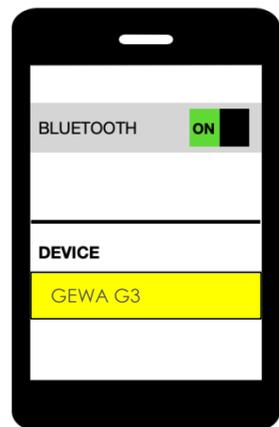
You'll see the pairing code on your display 4392

4



Switch your device to Bluetooth search mode and select the "GEWA G3"/"GEWA G5" module.

5



After a successful connection, you have the possibility to choose between different Bluetooth-functions with the dial [5]:



Function	
Off	Off
Audio + MIDI	Audio & MIDI connection
Audio	Audio only
MIDI	MIDI only

7 USER INTERFACE - BASICS

7.1 GENERAL FUNCTIONS G3 & G5

The GEWA G3/G5 module is equipped with buttons and dials that make it easy for you to operate.

You can reach each main menu by pressing the corresponding button on the module. To exit a menu, you can press another menu button. If you are in a submenu, then you can go back one level at a time by pressing **↩ [F3]**



You can also use the navigation keys **[8]** for operation. Use the keys to make a selection in the lists:
DOWN [↓]; **UP** [↑]; **LEFT** [←]; **RIGHT** [→]

The **black push button** in the center is the **[ENTER]** button and the **start/stop** button for the **metronome/click**.



You can, for example, change drum kits in the home menu with the **[+]** and **[-]** buttons. You can also change parameters in other menus.

G5 only



With the **[PREVIEW]** button at the bottom right, you can preview the sound of the selected pad. Alternatively, you can preview sounds from the selection list. Select a pad or sound from the list and tap the **[PREVIEW]** button.

You do not need a connected pad to use the function.

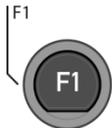
7.2 LOADING AND SAVING FROM PRESETS G3 & G5

In some menus you can load presets or save or rename your own user presets. In the following points, you can see examples of the function and operation.



As soon as you make changes to the settings that are not automatically saved, a [*] is shown next to the corresponding name to indicate this. **Save your changes accordingly before (!) changing the drum kit preset.** Unsaved settings will otherwise be discarded.

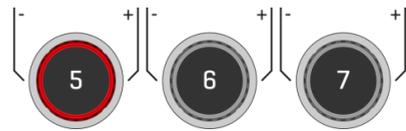
7.2.1 LOAD

- Use the dial [5] or the navigation control [8] to select the desired preset from the list.
- Press the button  [F1] or [ENTER], for loading the preset.



7.2.2 SAVE

- Presets marked with the symbol  cannot be overwritten. Please select a free user slot from the list and press  [F2].
- User slots that have already been saved can be overwritten or renamed by pressing  [F2].



7.2.3 NAME

- Use the navigation keys  or the dial  <CHAR> to select the desired character.
- Press **[ENTER]** to confirm the respective character.
- To change the cursor position, use the dial  <CUR>.
- The upper and lowercase letters, as well as special characters, can be selected by using the dial  ABC abc.
- Delete individual characters by pressing the button  [F2].
- Cancellation is possible at any time by pressing the button  [F3].
- Save the file name by pressing the button  [F1]



8 HOME G3 & G5



The start screen with the most important functions for playing and practising. The active drum kit is shown in the middle of the screen. If the number of the drum kit is marked with an asterisk, the parameters of the kit have been changed. To keep the settings, save the preset before switching to another preset.

Functions

Drum-Kit choice

Here you have several options:

- Press [F1] to open the drum kit browser. You can then select a kit from the list using the arrow keys [8] or the dial [5]. Confirm your entry with [F1] or [ENTER].
- Press the [+] and [-] keys to scroll through the kit list.
- Use the arrow keys [8] to move to the next kit. Use the [↖] & [↗] keys to change presets in steps of 10.



Changing the Snare Rim properties

Define whether you want to use a cross-stick (X-Stick), a rimshot or a dynamic combination of both (X-Fade).

- Tap the [F2] key repeatedly to select the corresponding function.
X-Fade -> X-Fade (Edit) -> Rimshot -> X-Stick
- If "X-FADE" is selected, then press [F2] again to set the desired threshold with the dial [6]. The threshold value determines the change between the X-stick and the rimshot.



Metronome settings

You can start and stop the metronome at any time by pressing **[ENTER]**. You can also switch to the detailed metronome level with **[F3]**. The field at the bottom right of the screen also flashes

- Turn the dial **[7]** to select the tempo.
- Touch **[F3]** to open the metronome editor. Here you can change the time signature, the rhythm (interval), the click volume and many other metronome settings.



Volume settings

Use the dial **[5]** to select the volume for the two **master outputs**.

Use the dial **[6]** to select the volume for the **headphone output**.



Set the headphone volume to a low level before use to avoid damaging your hearing. Especially with in-ear headphones, the volume is perceived differently and it can cause hearing damage if the volume is too high.

8.1 DRUM-KIT PRESETS



HOME → [F1]

Drum Kit

On the **Home** screen, you can access the entire list of drum kits by tapping [F1] (Drum Kit). By default, the active drum kit is highlighted in the list.

All drum kits can be managed in this window.

Presets that are factory-installed are marked with a  sign. Self-created presets are marked with a "U". Example: "U001"

Press  [F3] to exit the menu.

Functions		
Category	Load	Save / Overwrite
 Factory Preset		
User Preset		
Action	Press [F1]	Press [F2]



After loading a drum kit, you are automatically redirected to the HOME menu.

You can find a detailed description of how to **load presets, save and overwrite** at:

"Loading and saving from presets Presets G3 & G5"



As soon as you make changes to the settings that are not automatically saved, a [*] is displayed next to the corresponding name to indicate this. Save your changes accordingly **before (!)** changing the drum kit preset. Unsaved settings will otherwise be discarded.

8.2 METRONOME SETTINGS / CLICK



Home → [F3]

Click

This view contains all metronome functions. In the middle of the display, you see the set tempo in beats per minute (bpm). The highlighted number on the right side of the screen shows the current count of the set time signature (bottom centre - TIME SIG). If activated, the **ACCENT symbol** (▷◻◻◻) on the left side of the display shows whether the first beat is emphasised or not. If the tap channel function is switched on, the corresponding channel is also displayed.

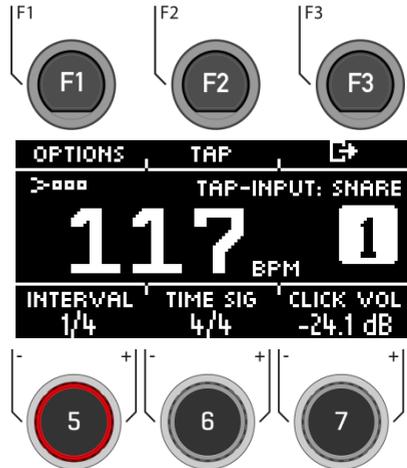
Start and stop the metronome by pressing the [ENTER] key [8].

Setting the tempo (bpm)

- With the navigation keys [8]:
Left [◀] and right [▶] for steps in 1 bpm per key tap.
Down [▼] and up [▲] for steps in 10 bpm per key tap.
- Alternatively, the tempo can also be adjusted with the [-] and [+] keys.

Parallel to this, you can select a trigger input (pad) with which you can determine the tempo by playing on the pad (tap input).

The tap channel settings can be found under "Options" [F1].



[ENTER] = START & STOP

Options

When you press the **[F1]** key, the full list of available metronome settings opens.

For some of these functions, a simplified setting option is shown on the display. Turn the dials **[5]**, **[6]** and **[7]** to adjust the values or scroll through the sub-menus to set the time signature, rhythm interval or click volume.

Tap

Press the Button **[F2]** "TAP" to tap the tempo.

Interval / Rhythm interval

Use the dial **[5]** to set the interval.

Time Sig

Scroll through the preset time signatures with the dial **[6]**.

For advanced settings, see **[F1]** **[OPTIONS]**.

Click Volume

Adjust the volume of the metronome sound.

To exit the metronome function and return to the home screen, press the  **[F3]** key.



Set the metronome volume to a low level before use to avoid damaging your hearing. Especially with in-ear headphones, the volume is perceived differently and it can damage your hearing if the volume is too high.

9 OTHER MODES AND FEATURES

9.1 G3

This section gives an overview of the possibilities of the G3 Module. Please download the owner's manual for more information regarding the outlined modes.

9.1.1 MENU

[MENU] contains the possibility to access many different setting options. Read the following sub-items for more information:

9.1.2 MIX

Here you can set the **volume ratios** of your pads to each other. Furthermore, you can also adjust the volume ratios of the outputs and inputs, the effects as well as the hi hat.

9.1.3 EFFECTS

The G3 is equipped with 4 different effect modules. **Ambience** hosts environmental sampling from **Funkhaus Studios** Berlin. **Instrument Reverb** and **Room Reverb** are two modules addressing traditional, generic types of reverb. Under the **Multi Effects** part of this mode, you can control any effect that is not room simulation or reverb. Examples are echo effects or frequency modulation.

9.1.4 USB LOAD/SAVE

The GEWA Digital-Drumsets are designed to allow you to use your drum kit settings in other modules as well. In the menu, you can export your drum-kit and import it, for example, into another GEWA G-series module. Of course you can also import wav-files to create drum-kits with your own sounds.

9.1.5 SETUP

You can make basic settings and connect your smartphone via Bluetooth under "Setup". Here you will also find all information about the loaded software and can reset the G3 module to the factory settings.

9.1.6 MASTER

The "Master"-menu contains the possibility to edit the **routing matrix** (output assignments), **MIDI functions** and adjust the global **equalizer- and compressor**-functions.

9.1.7 INSTRUMENT

In the **INSTRUMENT**-menu, you can modify the current drum kit presets, such as changing the individual pad sounds, tuning of drums and adding effects. Furthermore, it is possible to add equalization and compressors to the sound of each pad. Instead of changing all the pads together with the Kit selector, you can customize each pad to the desired sound qualities. Use the presets provided as a starting point.

9.1.8 TRIGGER SET

In the "Trigger Set" mode, you **select the sensors (triggers), adjust and set the selected trigger** for your drum kit. In addition, you have the option here to load factory GEWA-trigger sets.

In the menu, you also **calibrate the hi hat**.

9.1.9 USB/SONG / PLAYER

Music can be played with the song player. It supports all common audio formats like **mp3** and **wav**.

Load the song via a USB stick.

With the "**Vari Speed**" function you have the possibility to change the speed of the loaded song. The

"**Loop**" function allows you to repeat parts of the song.

9.1.10 RECORD

The "Record" function allows you to **record your drum kit and the song player at the same time**. The sum of the stereo-output is automatically saved as a **wav-file** on the USB-stick.

9.2 G5

This section gives an overview of the possibilities of the G5 Module. Please download the owner's manual for more information regarding the outlined modes.

9.2.1 INSTRUMENT

In the **INSTRUMENT** menu, you can modify the current drum kit presets such as changing the individual pad sounds, tuning of drums and adding effects. Furthermore, it is possible to add equalization and compressors to the sound of each pad. Instead of changing all the pads together with the Kit selector, you can customize each pad to the desired sound qualities. Use the presets provided as a starting point.

9.2.2 KIT

As in the INSTRUMENT menu, you have direct access to all **drum-kit-presets** here.

9.2.3 EFFECTS

The G5 is equipped with 4 different effect modules. **Ambience** hosts environmental sampling from **Funkhaus Studios** Berlin. **Instrument Reverb** and **Room Reverb** are two modules addressing traditional, generic types of reverb. Under the **Multi Effects** part of this mode you can control any effect that is not room simulation or reverb. Examples are echo effects or frequency modulation.

9.2.4 TRIGGER SELECT

In the "Trigger Select" mode, you **select the sensors (triggers)** for your drum kit. In addition, you have the option to load factory GEWA trigger sets here.

In the menu you also **calibrate the hi hat**.

9.2.5 TRIGGER SETTINGS

In the "Trigger Settings" menu, you can **adjust and set the selected trigger**. You have the possibility to adjust the sensitivity and other parameters.

9.2.6 MIX

Here you can set the **volume ratios** of your pads to each other. Furthermore, you can also adjust the volume ratios of the outputs and inputs, the effects and the hi hat.

9.2.7 MASTER

The "Master" menu contains the possibility to create your own **setlists**, edit the **routing matrix** (output assignments) and adjust the global **equalizer and compressor** functions.

Here you will also find all **MIDI**-functions and the possibility to set **the foot and the pad switch**.

9.2.8 USB/SONG / PLAYER

Music can be played with the song player. It supports all common audio formats like **mp3** and **wav**.

Load the song via a USB stick.

With the "**Vari Speed**" function you have the possibility to change the speed of the loaded song. The

"**Loop**" function allows you to repeat parts of the song.

9.2.9 RECORD

The "Record" function allows you to **record your drum kit and the song player at the same time**. The sum of the stereo-output is automatically saved as a **wav-file** on the USB-stick.

9.2.10 USB LOAD/SAVE

The GEWA Digital-Drumsets are designed to allow you to use your drum kit settings in other modules as well. In the menu, you can export your drum kit and import it, for example, into another GEWA G-series module. Of course you can also import wav-files to create drum-kits with your own sounds.

9.2.11 SETUP

You can make basic settings and connect your smartphone via Bluetooth under "Setup". Here you will also find all information about the loaded software and can reset the G5 module to the factory settings.

10 UPDATE

GEWA is constantly working on updates to give you the most enjoyment out of your instrument in the future.

Under [SETUP] -> INFO you will find the version and serial number of your GEWA module.

Updated files can be found at: www.gewadrums.com/en/service

Follow the installation steps from the website and load the update into the root directory of your USB-stick.

1. Insert the USB stick and switch on the device. Keep the **[F1]** and **[F3]** keys pressed during the booting-up process.



-
2. Follow the instructions and press **[ENTER]**. 
 3. After the successful update, remove the USB-stick and reboot the module.

11 USEFUL INFORMATION

11.1 WARRANTY

Warranty for a period of 2 years from the date of purchase on hardware and workmanship is granted by the dealership where the digital drum set or console was originally bought. In the event of a proven defect, the buyer has in the first instance only the right to receive supplementary performance.

Supplementary performance includes either rectification or supply of a replacement product. Equipment or exchanged parts become to be the property of the processing dealership. In the event supplementary performance should fail, the buyer may negotiate a reduction of the purchase price or withdraw from the contract and, if the dealership is responsible for the defect, demand compensation for damages and/or expenses deriving from the defect(s). The buyer must inform the dealer immediately on any defects identified. The only way to prove a warranty claim is that the buyer can present a valid proof of purchase, e.g. invoice.

Damage arising from incorrect handling, operation or storage as well as by force majeure or other external influences, does not comply with the warranty terms, nor in addition does the use of consumer products such as e.g. rechargeable batteries, strings, skins or seals. If you suspect to have a claim covered by the warranty terms regarding your GEWA digital Drum Console, please contact your dealer during regular business hours.

11.2 TROUBLESHOOTING AND POSSIBLE SOLUTIONS G3

Problem	Possible Solutions	
The console does not boot when pressing the power button.	1	Make sure the power cable is connected correctly to electrical outlet and apparatus. Live installations will cause power button to light up. (stand-by → red, on → white)
The user interface freezes.	1	Perform a hard reset by holding down the power button until the device shuts down. Try to restart by tapping the power button again. (If this happens in a dry environment and in absence of any climatic extremes, please contact customer services.
I can only hear one pad component (e.g. Head OR Rim).	1	Make sure that the stereo cables connecting pad and console are plugged in completely. Regarding GEWA cymbals and modules, the stereo cable needs to be connected to the socket facing the cymbal piezo.
I can't hear any sound (neither the Drum Kit nor any other sounds such as playing songs or metronome.	1	Check whether your headphones or speakers are connected to the console correctly.
	2	Make sure your output volume dials are not muted (Headphone, Master, Mix Input).
	3	Check settings in the routing matrix and load one of the "Defaults" Menu → Master → [F2] Routing
I can't hear any sound of connected pads. Song Player and Metronome are however both audible.	1	Check settings in the routing matrix and load one of the "Defaults". Menu → Master → [F2] Routing
	2	If you have worked with MIDI lately, a turned off Local Control might prevent the control data generated by the connected hardware from accessing the internal sound engine. Check Menu → Master → MIDI Global Settings → Local Control
I can't hear any Metronome sound, but I can hear the drum kit and playing songs.	1	The Metronome is likely to be muted. Check Home → [F3] Click → [7] Click-Vol.
	2	The Metronome is not routed to the output you are listening to. Check "Click" in Menu → Master → [F2] Routing → [F1] Others → Click
Component icons in Kit editor don't match the connected pad type. (Drum or cymbal)	1	Assign a matching trigger bank to the input channel in question and save a new trigger setup (Icons shown in "Instrument" are driven by the trigger bank assigned to an input channel). Triggers Set → [F2] Setup → [F2] Bank

11.3 TROUBLESHOOTING AND POSSIBLE SOLUTIONS G5

Problem	Possible Solutions	
The console does not boot when pressing the power button.	1	Make sure the power cable is connected correctly to electrical outlet and apparatus. Live installations will cause power button to light up. (stand-by → red, on → white)
The user interface freezes.	1	Perform a hard reset by holding down the power button until the device shuts down. Try to restart by tapping the power button again. (If this happens in a dry environment and in absence of any climatic extremes, please contact customer services.
I can hear only one pad component (e.g. Head OR Rim).	1	Make sure that the stereo cables connecting pad and console are plugged in completely. Regarding GEWA cymbals and modules, the stereo cable needs to be connected to the socket facing the cymbal piezo.
I can't hear any sound (neither the Drum Kit nor any other sounds such as playing songs or metronome.	1	Check whether your headphones or speakers are connected to the console correctly.
	2	Make sure your output volume dials are not muted (Headphone, Master, Mix Input).
	3	Check settings in the routing matrix and load one of the "Defaults" Master → [F2] Routing
I can't hear any sound of connected pads. Song Player and Metronome are however both audible.	1	Check settings in the routing matrix and load one of the "Defaults". Master → [F2] Routing
	2	If you have worked with MIDI lately, a turned off Local Control might prevent the control data generated by the connected hardware from accessing the internal sound engine. Check Master → MIDI Global Settings → Local Control
I can't hear any metronome sound, but I can hear the drum kit and playing songs.	1	The Metronome is likely to be muted. Check Home → [F3] Click → [7] Click-Vol.
	2	The Metronome is not routed to the output you are listening to. Check "Click" in Master → [F2] Routing General → [F1] Others → Click
Component icons in Kit editor don't match the connected pad type. (Drum or cymbal)	1	Assign a matching trigger bank to the input channel in question and save a new trigger setup (Icons shown in "Instrument" are driven by the trigger bank assigned to an input channel). Triggers Select → [F2] Setup → [F2] Bank

12 Technical Data

12.1 G3

G3 Drum Console – Technical Data	
Drum Kits	168 (40 Preset + 128 User Presets)
Instruments	More than 400
Effect types	Pad Compressor & 3-band full parametric EQ per pad Output compressor & 4-band full parametric EQ for headphone and master-output <ol style="list-style-type: none">1. Ambient Reverb: Sample-based per instrument2. Room Reverb: 12 algorithms3. Instrument Reverb: 12 algorithms4. Multi Effects: 9 algorithms
User sample import	100 Wave File format: WAV (only PCM format) (44.1KHz/48KHz, 16/24 bit, up to 8M samples per channel [≈3 min Stereo]) Mono or stereo channels
Storage	USB / internal Memory Flash 2GB
Recorder	Realtime File-Format: WAV (44.1 kHz, 16 Bit)
Display	128 x 64px OLED
External memory	External USB-Stick
Connections	TRIGGER INPUTS: 10 x ¼" TRS socket HI HAT CONTROL: 1 x ¼" TRS socket MASTER OUT: 2 pcs ¼" TS socket HEADPHONES: ¼" TRS socket (Stereo) MIX IN: ¼" TRS socket (Stereo) MIDI (IN, OUT/THRU) COMPUTER-CONNECTION: USB B-Type (USB Hi-Speed AUDIO/MIDI) AC IN (IEC C7)
Wireless connections	Bluetooth
Recording (G3 → DAW)	Sampling rate (original): 48 kHz Sampling rate: (with converter): 96 kHz, 44,1 kHz Recording: 6 channels (depending on software version) Play: 2 channels
Power supply	AC 100V-240V 50Hz - 60Hz
Electricity consumption	55 W (EN60065)
Dimensions	243 (W) x 215 (D) x 91 (H)
Weight	1.95 kg
Accessories included	Multilingual Quick Start guide with Safety Regulations, (Print) USB Dongle with Multilingual Quick Start Guide. 4 Mains cables: Type A, Type C (CEE 7/16), Type F, Type I) * The number of power cables included varies depending on the country.
* All specifications and appearances are subject to change without notice. This document represents the technical data of the product as of the publication date of the document. Possible updated information can be obtained by downloading the operating instructions in the device or at the following link: gewadrums.com/service	

12.2 G5

G5 Drum Console – Technical Data	
Drum Kits	168 (40 Preset + 128 User Presets)
Instruments	More than 400
Effect Types	Pad Compressor & 3-band full parametric EQ per pad Output compressor & 4-band full parametric EQ for headphone and master-output <ol style="list-style-type: none"> 1. Ambient Reverb: Sample-based per instrument 2. Room Reverb: 12 algorithms 3. Instrument Reverb: 12 algorithms 4. Multi Effects: 9 algorithms
User sample import	100 Wave File format: WAV (only PCM format) (44.1kHz/48kHz, 16/24 bit, up to 8M samples per channel [≈3 min Stereo]) Mono or stereo channels
Storage	USB / internal Memory Flash 2GB
Recorder	Realtime File-Format: WAV (44.1 kHz, 16 Bit)
Display	128 x 64px OLED
External memory	External USB-Stick
Connections	TRIGGER INPUTS: 11 x ¼" TRS socket HI HAT CONTROL: 1 x ¼" TRS socket MASTER OUT: 2 pcs ¼" TS socket DIRECT OUT: 4 pcs ¼" TS socket (Mono) HEADPHONES: ¼" TRS socket (Stereo) MIX IN: ¼" TRS socket (Stereo) MIDI (IN, OUT/THRU) COMPUTER-CONNECTION: USB B-Type (USB Hi-Speed AUDIO/MIDI) FOOT-SWITCH: 1 x ¼" TRS (2 channels) AC IN (IEC C7)
Wireless connections	Bluetooth
Recording (G5 → DAW)	Sampling rate (original): 48 kHz Sampling rate: (with converter): 96 kHz, 44,1 kHz Recording: 6 channels (depending on software version) Play: 2 channels
Power supply	AC 100V-240V 50Hz - 60Hz
Electricity consumption	55 W (EN60065)
Dimensions	340 (W) x 215 (D) x 91 (H)
Weight	3.3 kg
Accessories included	Multilingual Quick Start Guide with Safety Regulations, (Print) USB Dongle with Multilingual Quick Start Guide. 4 Mains cables (Type A, Type C (CEE 7/16), Type F, Type I) * The number of power cables included varies depending on the country.
<p>* All specifications and appearances are subject to change without notice. This document represents the technical data of the product as of the publication date of the document. Possible updated information can be obtained by downloading the operating instructions in the device or at the following link: gewadrums.com/service</p>	