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DNAfx GiT Mobile
multi effects unit

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1 General information

This user manual contains important information on the safe operation of the device. Read and follow all safety notes and all instructions. Save this manual for future reference. Make sure that it is available to all persons using this device. If you sell the device to another user, be sure that they also receive this manual.

Our products and user manuals are subject to a process of continuous development. We therefore reserve the right to make changes without notice. Please refer to the latest version of the user manual which is ready for download under www.thomann.de.

1.1 Further information

On our website (www.thomann.de) you will find lots of further information and details on the following points:

Download	This manual is also available as PDF file for you to download.
Keyword search	Use the search function in the electronic version to find the topics of interest for you quickly.
Online guides	Our online guides provide detailed information on technical basics and terms.
Personal consultation	For personal consultation please contact our technical hotline.
Service	If you have any problems with the device the customer service will gladly assist you.

1.2 Notational conventions

This manual uses the following notational conventions:

Letterings

The letterings for connectors and controls are marked by square brackets and italics.

Examples: *[VOLUME]* control, *[Mono]* button.

Displays

Texts and values displayed on the device are marked by quotation marks and italics.

Examples: *'24ch'*, *'OFF'*.

Instructions

The individual steps of an instruction are numbered consecutively. The result of a step is indented and highlighted by an arrow.

Example:

1. ▶ Switch on the device.
2. ▶ Press *[Auto]*.
 - ⇒ Automatic operation is started.
3. ▶ Switch off the device.

Cross-references


References to other locations in this manual are identified by an arrow and the specified page number. In the electronic version of the manual, you can click the cross-reference to jump to the specified location.

Example: See ↗ *'Cross-references'* on page 8.

1.3 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this manual.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
WARNING!	This combination of symbol and signal word indicates a possible dangerous situation that can result in death or serious injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.

Warning signs	Type of danger
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used for sound processing of signals from musical instruments with electromagnetic pickups. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety



DANGER!

Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke! Never let children unattended use electrical devices.



WARNING!

Incorrect handling of lithium batteries can result in injury

In the event of a short circuit, overheating or mechanical damage, lithium batteries can cause severe injuries. Follow the advice on the correct handling of lithium batteries in the present section.



NOTICE!

Operating conditions

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations. Only operate the device within the ambient conditions specified in the chapter 'Technical specifications' of this user manual. Avoid heavy temperature fluctuations and do not switch the device on immediately after it was exposed to temperature fluctuations (for example after transport at low outside temperatures). Dust and dirt inside can damage the unit. When operated in harmful ambient conditions (dust, smoke, nicotine, fog, etc.), the unit should be maintained by qualified service personnel at regular intervals to prevent overheating and other malfunction.



NOTICE!

Possible damage to lithium-ion batteries through incorrect storage

By deep discharge, lithium-ion batteries can be permanently damaged or lose some of their capacity. Before long breaks, charge the batteries to around 50 % of their capacity and then switch off the device. Store the device at room temperature or cooler in an environment as dry as possible. If the batteries are stored for a longer period, recharge them to 50 % every three months. Fully charge the batteries only shortly before use at room temperature.

3 Features

Special features of the device:

- Direct connection to the electric guitar with a 1/4" rotatable jack plug
- 14 amp modelings
- 14 different high-quality digital effects
- Five Tone/EQ Settings
- USB-C port for audio recordings and charging the unit
- Headphones output, designed as 1/4" jack socket
- Bluetooth® 5.0 connectivity for audio playback
- Lithium-ion rechargeable battery operation
- USB-C cable included

4 Starting up

Unpack and check carefully there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the product against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

4.1 Dealing with lithium batteries



WARNING!

Incorrect handling of lithium batteries can result in injury

In the event of a short circuit, overheating or mechanical damage, lithium batteries can cause severe injuries.

Follow the advice on the correct handling of lithium batteries in the present section.

When handled correctly and appropriately lithium batteries pose no risk.

Store lithium batteries in a cool, dry place, ideally in the original packaging.

Store lithium batteries away from heat sources (e.g. radiators or sunlight). Lithium batteries are hermetically sealed. Never attempt to open a lithium battery.

If the battery housing is damaged small amounts of the electrolyte may leak out. If this should happen, seal the lithium battery in airtight packaging and wipe up the traces of electrolyte using absorbent paper towels. You must wear protective rubber gloves when doing so. Clean your hands and the affected surface thoroughly with cold water.

Never attempt to recharge non-rechargeable lithium batteries. When charging lithium batteries you must use a suitable charging device intended for the purpose.

Before disposing of the device remove the lithium batteries. Protect used lithium batteries against potential short circuits, e.g. by covering the poles with adhesive tape.

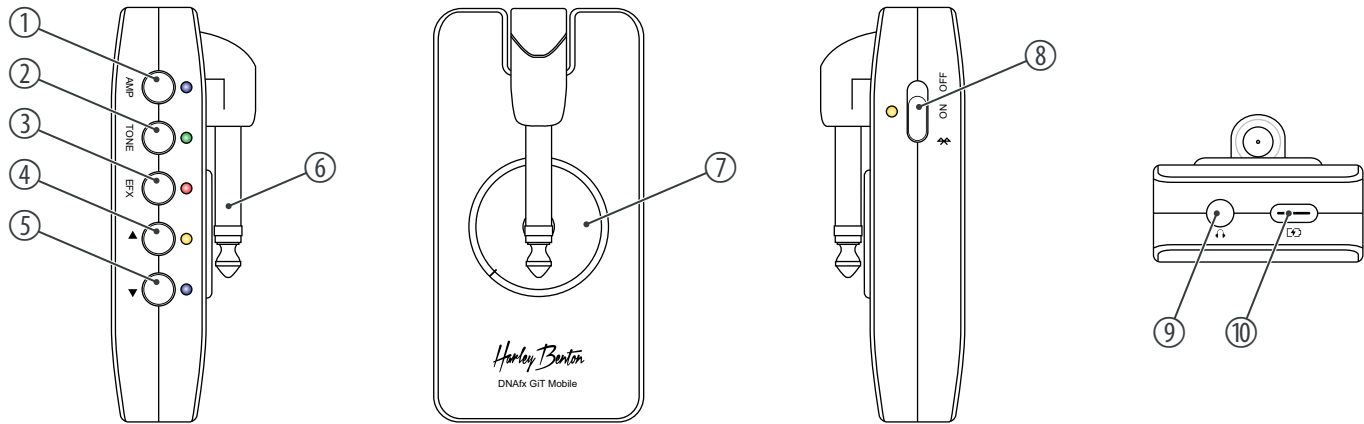
Only use powder extinguishers or other suitable extinguishing agents to extinguish a burning lithium battery.

4.2 Charging the unit

If the status LED of the main switch flashes blue when the unit is switched on, only a maximum of 30 minutes of battery life remains.

Switch off the unit and connect the unit via the USB-C cable to the AC outlet. During charging, the status LED of the main switch lights up red. Once charging is completed, the status LED lights up green.

5 Connections and operating elements



1	[AMP]	Button to call up the amp modeling models
2	[TONE]	Button to call up the timbre of the amp modeling models
3	[EFX]	Button to call up the digital effects of the amp modeling models
4	◀	Button to toggle between the menu items and to decrease a value
5	▶	Button to toggle between the menu items and to increase a value
6	1/4" jack plug for connection to the instrument	
7	Control to adjust the instrument signal volume.	
8	⌘ / [ON] / [OFF]	Main switch Set the switch to [ON] to switch on the unit. The status LED lights up. Set the switch to ⌘ to enable the Bluetooth® function for the audio playback. Set the switch to [OFF] to switch off the unit.
9	🎧	Headphones output, designed as 3.5 mm phone socket
10	🔌	Port for the included USB-C cable for audio recordings and charging the unit





6 Operating

Turn the volume control counter-clockwise to set the volume to minimum.
Switch on the unit and adjust the volume as required.

6.1 Selecting the amp modeling model











1. ➤ Press *[AMP]* to call up the amp modeling models.
2. ➤ Press ◀ or ▶ to toggle between the 14 different the amp modeling models.
⇒ The LED *[AMP]* lights up in the corresponding colour (see 🔗 '*AMP*' on page 23).
3. ➤ Press and hold *[AMP]* to confirm the selection.

6.2 Selecting timbre

1.  Press *[TONE]* to enable the timbre of the selected amp modeling model.
2.  Press ◀ or ▶ to toggle between the five different timbres.
⇒ The LED *[TONE]* lights up in the corresponding colour (see  *'TONE'* on page 25).
3.  Press and hold *[AMP]* to confirm the selection.

6.3 Selecting digital effects

1. ➤ Press *[EFX]* to enable the effect of the selected amp modeling model.
2. ➤ Press ◀ or ▶ to toggle between the 14 different effects.
⇒ The LED *[EFX]* lights up in the corresponding colour (see ↪ 'EFX' on page 26).
3. ➤ Press again *[EFX]* to confirm the selected effect.
4. ➤ Press ◀ or ▶ to set the parameters of the selected effects from 1...10 as desired.
5. ➤ The LED ◀ or ▶ lights up in the corresponding colour:


Button	◀					▶				
Colour										
Value	1	2	3	4	5	6	7	8	9	10

6. ➤ Press and hold *[AMP]* to confirm the selection.
7. ➤ Press again *[EFX]* to disable the effect of the selected amp modeling model.

6.4 USB audio



The unit can be used as USB-C audio interface with support for DAWs in Windows® and MAC. Windows® users have to install ASIO drivers to achieve low-latency recording and monitoring.





6.5 Bluetooth® audio

1. ➤ Set the main switch to  to enable the Bluetooth® function for the audio playback.
2. ➤ Open the Bluetooth® list of your device to be paired and select '*DNAfx GiT Mobile*'.
3. ➤ Accept the connection.
4. ➤ After a successful connection, the unit can output the signals of your paired device.

7 Amps and effects list

AMP






Number	LED colour	Name	Template/description
1		US DOUBLE Clean	Fender® 65 Twin Reverb
2		US DELUXE Clean	Fender® 65 Deluxe Reverb
3		ACOUSTIC SIM	Acoustic guitar simulation
4		SONIC DRIVE	Fender® Super Sonic
5		US 59 BASS	Fender® 59 Bassman
6		DOCTOR WRECK	DR.Z® Z-Wreck
7		BRIT 800	Marshall® JCM800
8		BRIT PLEXI	Marshall® Plexi
9		COMBO 30 OD	VOX® AC30
10		POWERFUL DS	ENGL® Powerball

Number	LED colour	Name	Template/description
11		CALI V	Mesa Boogie® Mark V
12		30 Oranges	Orange® AD 30
13		SOLDIER 100 DS	Soldano® SLO 100
14		5153 Crunch	EVH® 5150 III















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TONE

Number	LED colour	Name
1		Darker
2		Dark
3		Flat
4		Bright
5		Brighter

EFX

Number	LED colour	Name
1		Room Reverb
2		Hall Reverb
3		Church Reverb
4		Plate Reverb
5		Spring Reverb
6		Mod Reverb
7		Slapback Delay
8		Tape Dly+Hall
9		Reverse Dly+ModReverb
10		PingPong Dly+Church
11		Chorus+Hall
12		Phaser+Church

Number	LED colour	Name
13	●	Flanger+Plate
14	○	Tremolo+ModReverb

8 Technical specifications

Input connections	Power supply/USB audio	USB-C socket
Output connections	Instrument	1/4" jack socket
	Headphones	3.5 mm phone socket
Power supply	External power adapter, 100 - 240 V ~ 50/60 Hz	
Operating voltage	3.7 V $\overline{\text{---}}$ / 130 mA	
Battery / rechargeable battery	Battery type	Lithium-ion
	Voltage	3.7 V
	Capacity	720 mAh
	Charging time in the device	2.5 h
	Operating time	approx. 4 h
Bluetooth®	Frequency range	2402 MHz ... 2480 MHz
	Max. transmission power	+2 dBm

	Standard	Version 5.0
Dimensions (W × H × D)	42 mm × 31 mm × 83 mm	
Weight	59 g	
Ambient conditions	Temperature range	0 °C...40 °C
	Relative humidity	20 %...80 % (non-condensing)

Further information

Effect type	Headphone amplifier
Number of control channels	1
Volume control per channel	yes
Number of inputs	1
Rack format	No

9 Plug and pin assignments

Introduction

This chapter will help you select the right cables and plugs to connect your valuable equipment in such a way that a perfect sound experience is ensured.

Please note these advices, because especially in 'Sound & Light' caution is indicated: Even if a plug fits into the socket, an incorrect connection may result in a destroyed power amp, a short circuit or 'just' in poor transmission quality!

Balanced and unbalanced transmission

Unbalanced transmission is mainly used in semi-professional environment and in hifi use. Instrument cables with two conductors (one core plus shielding) are typical representatives of the unbalanced transmission. One conductor is ground and shielding while the signal is transmitted through the core.

Unbalanced transmission is susceptible to electromagnetic interference, especially at low levels, such as microphone signals and when using long cables.

In a professional environment, therefore, the balanced transmission is preferred, because this enables an undisturbed transmission of signals over long distances. In addition to the conductors 'Ground' and 'Signal', in a balanced transmission a second core is added. This also transfers the signal, but phase-shifted by 180°.

Since the interference affects both cores equally, by subtracting the phase-shifted signals, the interfering signal is completely neutralized. The result is a pure signal without any noise interference.

**Three-pole 1/8" mini phone jack
(stereo, unbalanced)**



1	Signal (left)
2	Signal (right)
3	Ground, shielding

10 Protecting the environment

Disposal of the packaging material



For the packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of batteries



Batteries must not be thrown away or incinerated; they must be disposed of in accordance with local regulations for the disposal of hazardous waste. Use the existing collection points for this.

Only dispose of lithium batteries when they are discharged. Remove replaceable lithium batteries from the device before disposal. Protect used lithium batteries against short circuits, for example by covering the poles with adhesive tape. Permanently built-in lithium batteries must be disposed of together with the device. Please inquire about an appropriate collection point.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.



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