The NexGen Standard.

E F N O T E 3

Quickstart Guide

Hello!

Contents

For the latest information, please refer to the EFNOTE 3 website.

ef-note.com/products/drums/EFNOTE3/efnote3.html

IMPORTANT SAFETY INSTRUCTIONS

FAILURE TO OBSERVE THE FOLLOWING SAFETY INSTRUCTIONS MAY RESULT IN FIRE, ELECTRIC SHOCK, INJURY TO PERSONS, OR DAMAGE TO OTHER ITEMS OR PROPERTY.
You must read and follow these instructions, heed all warnings, before using this product. Please keep this guide for future reference.

About warnings and cautions

⚠ WARNING	Indicates a hazard that could result in death or serious injury
⚠ CAUTION	Indicates a hazard that could result in injury or property damage

About the symbols

⚠	"Caution": Calls your attention to a point of caution
🚫	"Do not ...": Indicates a prohibited action
❗	"You must ...": Indicates a required action

⚠ WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture

Do not use or store in the following locations
- Locations subject to water or rain
- Moist or humid locations (near a bath or shower, or on a wet floor)
- High temperature locations (in direct sunlight, near heating equipment)
- Locations subject to salt damage
- Excessively dusty locations

Turn the power off if an abnormality or accident occurs
In the following situations, immediately turn off the power, disconnect the AC adapter from the AC outlet, and contact your dealer.
- If the AC adapter, power cord, or plug is damaged
- If smoke is emitted or an abnormal odor is noticed
- If liquid or a foreign object enters the product
- If an abnormality or malfunction occurs in the product

Do not plug or unplug the AC adapter with wet hands
You risk electric shock.

Do not drop or subject to strong impact
Do not drop this product or subject it to strong impact.

Do not disassemble
Do not disassemble or modify this product and AC adapter.

Do not damage the power cord
Do not excessively bend the power cord or damage it. Do not place heavy objects on top of the power cord. Doing so may damage the power cord, causing fire or electric shock.

Use the included AC adapter
Use only the included AC adapter. Use the adapter with the voltage that it specifies.

⚠ CAUTION

Do not place the product in an unstable location
Doing so may cause the product to overturn, causing personal injury.

Do not sit or stand on the product, or place heavy objects on it
Doing so may damage the product.
You should also avoid applying excessive force to the buttons, knobs, display, and input/output jacks. Doing so will cause malfunctions.

Do not use the product at a high volume for an extended time
Using speakers or headphones at high volume for an extended time will damage your hearing.

Grasp the power plug when connecting or disconnecting
When connecting or disconnecting the AC adapter from the product, you must grasp the plug rather than pulling the power cord.

Disconnect the power plug from the AC outlet during lightning storms or when unused for long periods of time
Failure to do so may cause electric shock, fire, or malfunction.

Disconnect all connections before moving the product
Failure to do so may cause damage to the power cord or cables, or may cause people to trip over the cables.

Handle the product with care
Take care that your hands or fingers are not injured by corners, edges or openings of the product.

Keep small parts out of reach of children
Keep small parts out of reach of children who might accidentally swallow them.

Supervise or give guidance when children use this product or children are present around this product
Always take care that children are not injured with this product.

Important Information

Power supply
- A small amount of current flows even when the power is turned off. If you will not be using this product for an extended period of time, you may desire to unplug the AC adapter from the AC outlet.

Regulatory compliance for radio emission devices
- You should keep turning the Bluetooth off when using the product in a country/region other than where it sold.
- The following actions may violate the law.
  - Disassembling or modifying this product.
  - Removing the certification label on the product.

Placement
- Do not use this product near other electrical products such as televisions, radios. This product may cause noise in televisions or radios.

Cleaning
- Use a soft dry cloth to clean the product. Do not use benzene, thinner, detergent, or chemically treated cloth, since these can cause deformation or discoloration.

Data
- Please be aware that the manufacturer bears no responsibility for any consequences that may arise from damage to or loss of data.
- In some cases, equipment malfunction or incorrect operation can cause the contents of the memory to be lost. Please make a backup of any important data that is in the memory.

Copyright
- Duplication or reuse of the music and sound data contained in or included with this product without permission from the copyright holder is forbidden (with the exception of copying for personal use as permitted by copyright law).
- Copyright for the content (sound data, phrase data, audio data, image data, computer programs, etc.) contained in or included with this product is the property of Ef-Note Inc. Copyright law forbids you to use the above content without permission of Ef-Note Inc. for any purpose other than personal use.
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Others
- ASIO is a trademark and software of Steinberg Media Technologies GmbH.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc..
- Company names or product names etc. appearing in this document are the registered trademarks or trademarks of their respective corporate owners.
- EFNOTE is a trademark or registered trademark of Ef-Note Inc.
- All illustrations and screens appearing in this document are for the purpose of explaining operation, and may differ from the actual product or specifications.

* Ef-Note Inc. cannot be held responsible for damage caused by improper use or modifications to the product, or loss of data.

For EU countries

CE Ef-Note Inc. hereby declares that the type of radio equipment EFNOTE 3 (EFD3-STDSET) complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at : ef-note.com/compliance

This symbol on the product means that used electrical and electronic equipment should not be mixed with general household waste. The correct disposal will help prevent potential negative effects on human health and the environment. For proper treatment, recovery and recycling, please contact your city office, waste disposal servicer or the shop which you purchased the product.

For the USA

WARNING
This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

FCC INFORMATION
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.

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.

Assembling

■ Packing List

A	Sound Module	1x
B	8" Kick Pad	1x
C	12" Snare Pad with Side-Rim	1x
D	10" Tom Pad	2x
E	12" Tom Pad	1x
F	12" Standard Cymbal for Hi-Hat	1x
G	14" Standard Cymbal for Crash	2x

H	16" Standard Cymbal for Ride	1x
J	Hi-Hat Control Pedal	1x
K	Smartphone Tray	1x
L	Tripod Set	4x
M	Snare Stand	1x
N	Module Mount	1x
P	Multi-A3 Cable	1x

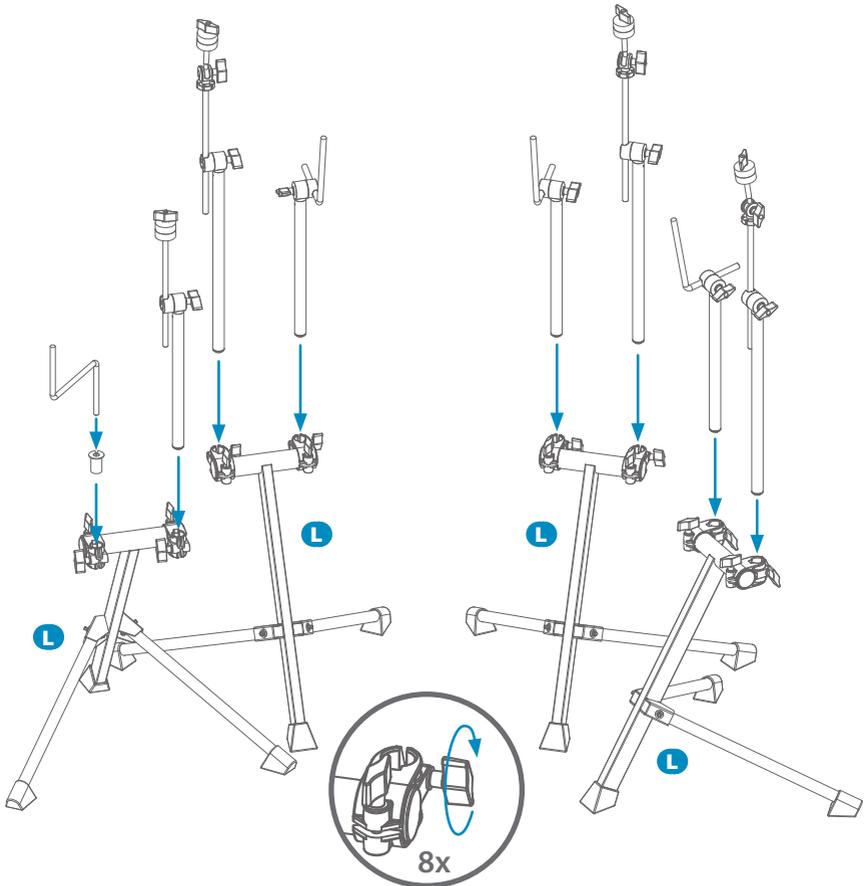|		
Q	Multi-B Cable	1x
R	Trigger Cable	4x
S	AC Adapter	1x
T	Tuning Key	1x
	Cable Tie	10x
	Quickstart Guide	1x
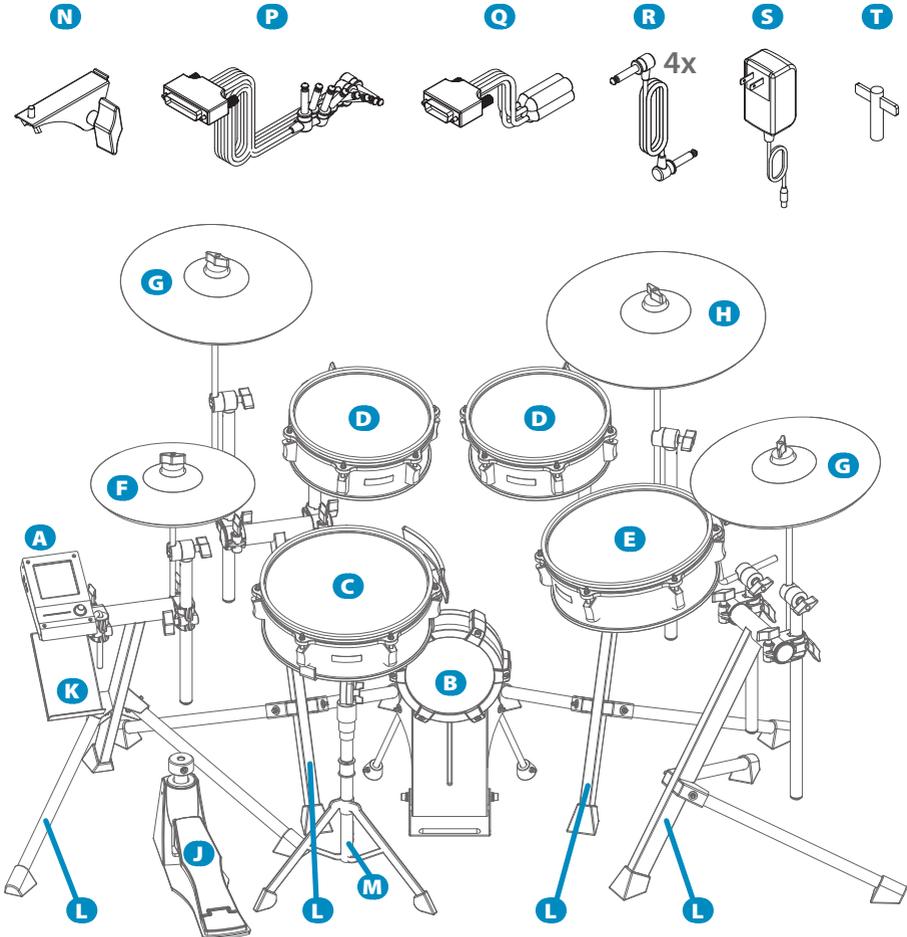
■ Assembly

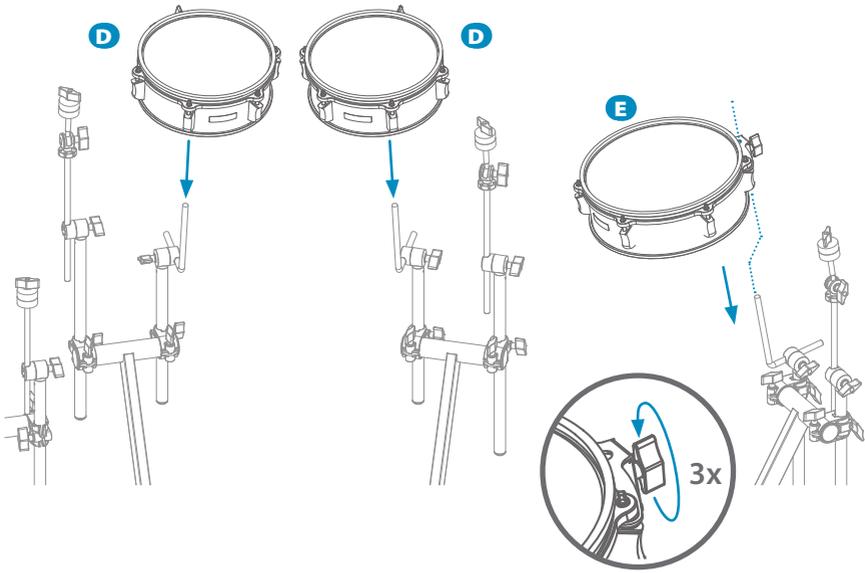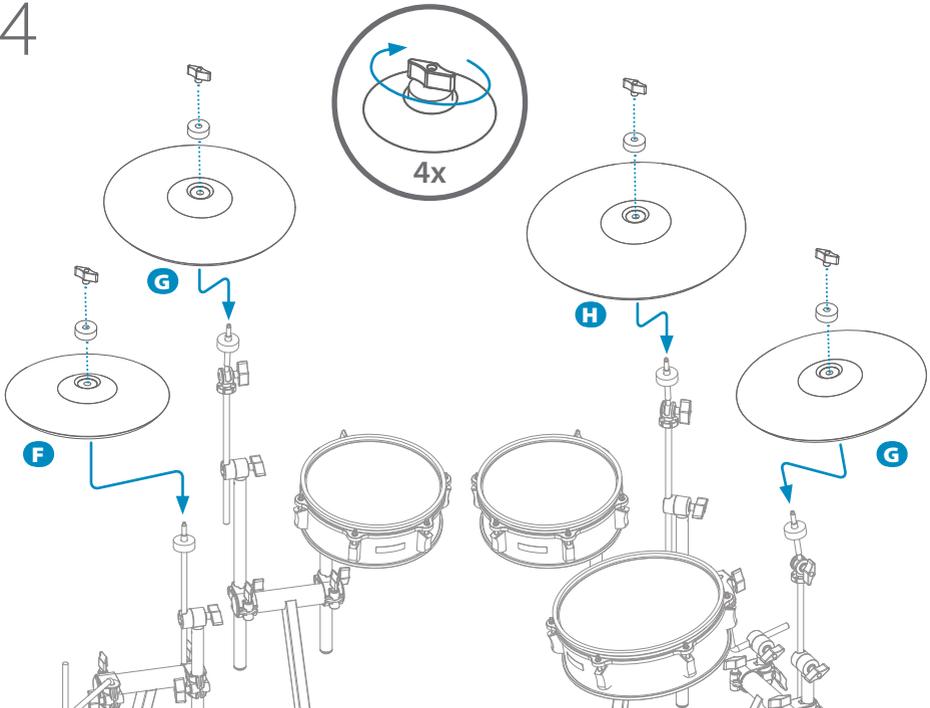**CAUTION** Please take your time with assembly and contact us with any questions (p. 19).
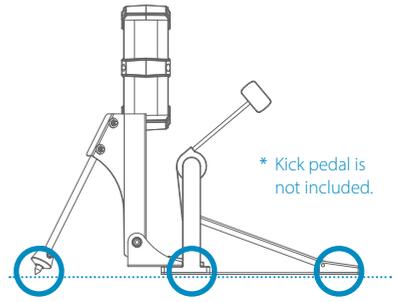
1

L

T

4x

2

L

L

L

L

L

8x

3

D

D

E

3x

4

4x

G
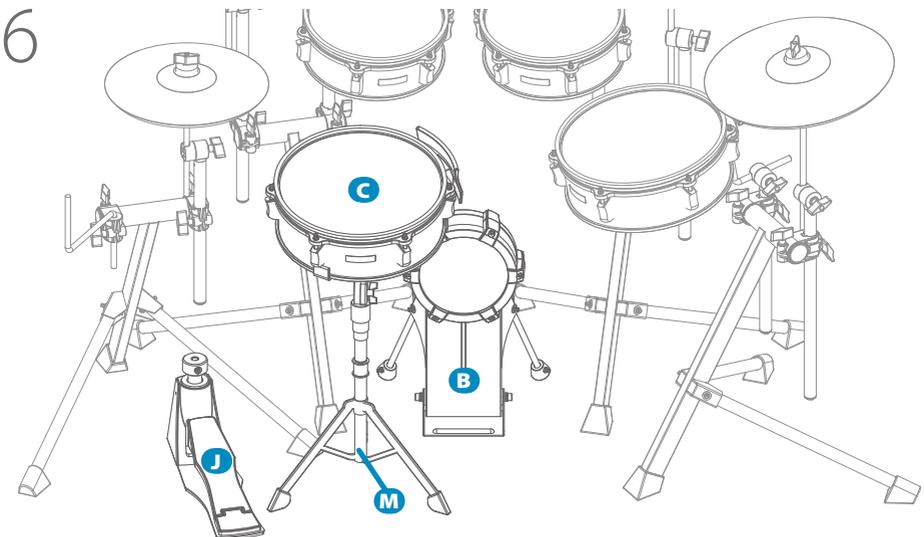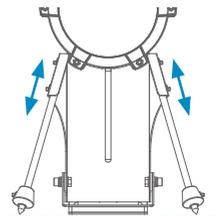
H

F

G

5

B

2

1

* Kick pedal is
  not included.
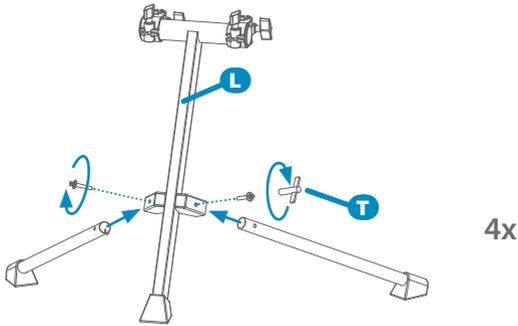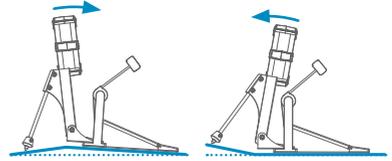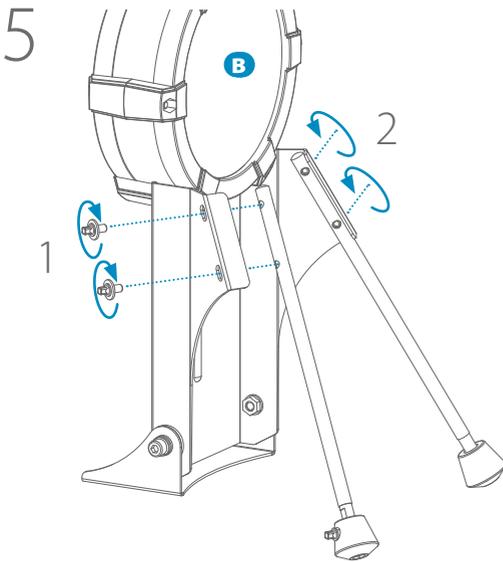
* Make sure that the three points firmly make
  contact with the floor.

* Do not loosen
  the bolts.

* Be careful with
  the spikes

* Adjust the length if the legs
  are unstable.

6

C

B

J

M
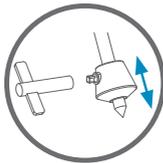
7
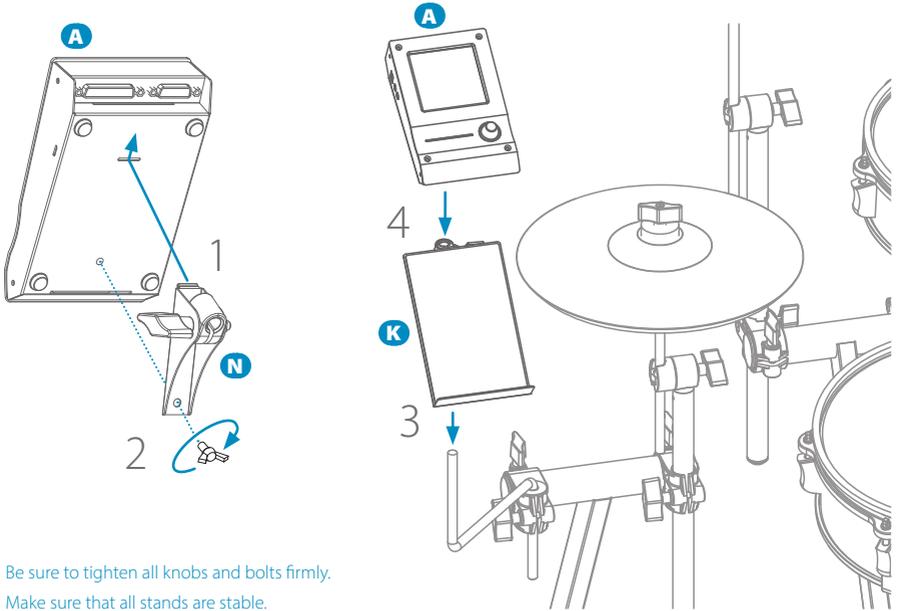
* Be sure to tighten all knobs and bolts firmly.
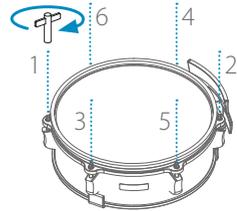* Make sure that all stands are stable.
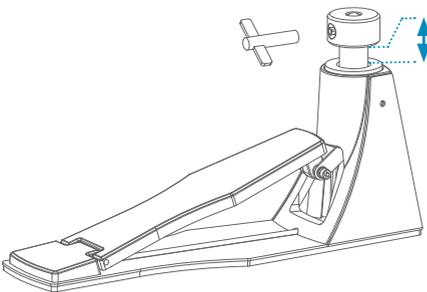
■ Tuning the Head Tension

Make sure the mesh drum heads are not to loose.
Tighten up the tuning bolts evenly with tuning key, if needed.

■ Hi-Hat Pedal Adjustment

* Be careful not to pinch your fingers.

Stroke gap between open and closed

Spring tension
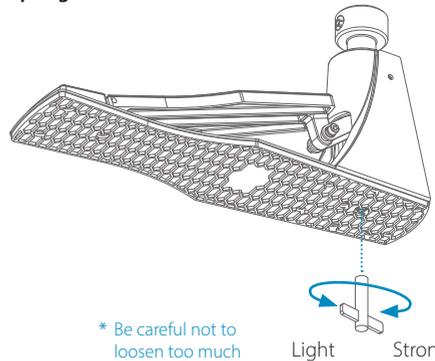
* Be careful not to loosen too much

Light   Strong

Connection

1

4x

A **P** **Q**

3

S

Firmly attach the included plug which is suitable for the outlet in your region.

* Use only the included AC adapter and plug.

4

S **A**

DC IN   AUDIO IN

Stereo Mini

* Not included

EFNOTE Active Instrument Monitors
* Sold separately

1/4" Phone

OUT 2/R

OUT 1/L

MIDI OUT

2

CRASH1

RIDE

RIDE CUP

CRASH 1 CUP*

TOM1

TOM2

HIHAT

P

SNARE

TOM3

CRASH2

CRASH2 CUP*

KICK

SIDE RIM

HH CTRL

R

Q

R

R

TOM4*

SIDE RIM

CRASH2

CRASH3*

HIHAT

RIDE

CRASH1

CRASH2

BOW/
EDGE

RIDE CUP

CRASH 1 CUP*

CUP

CRASH2 CUP*

* The EFNOTE 3 does not include Tom 4 and Crash 3 pads
 in the package.

* You can use the TOM 4 and CRASH 3 cables for the Cup of
 the Crash 1 and Crash 2 cymbals.

HH CTRL

SNARE

TOM1

TOM2

TOM3

KICK

SIDE RIM
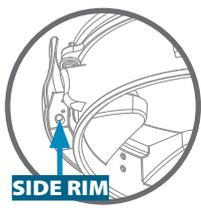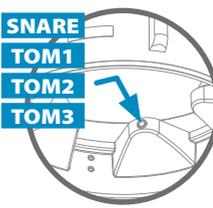
Basic Operation

■ Panel Description

Touch display

Micro USB
(To PC/Mac)

Ring illumination

Power (Push)
Value knob (Rotate)

Linear Indicator

E F N O T E 3

Speaker for click
(Inside)

■ Power On/Off

Power On

1

1 sec.

2

E F N O T E

Power Off

1

2

POWER MENU
63%   64%
🎧   📶 in
⏻
Power
Off...

3

POWER OFF
Are you sure?
✕   ✓
Cancel   Power
           off

4

Shutdown...
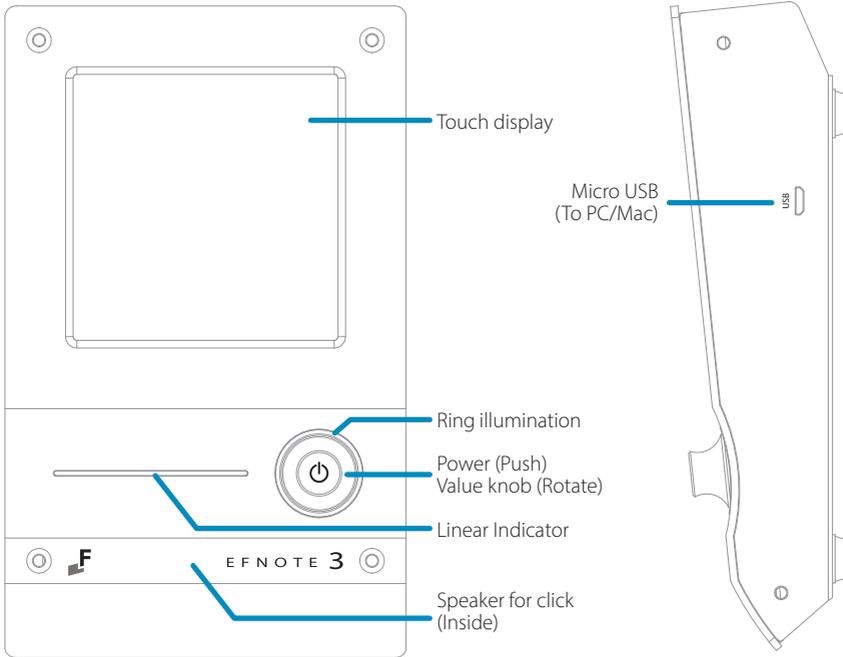
* Without this procedure may result in loss of changes.

* The power save function will turn power off automatically after specified period. It can be disabled (p. 17).

■ Home Screen

Switching drum kits

Shows kit list

KIT
- 01: STUDIO F
- 02: Neo Classic
- 03: First Note
- 04: Beech
- 05: Unplugged
- 06: Speed Star
- 07: Recording
- 08: Hard Rock
- 09: Compact
- 10: Classic

Cancel   Delete   Duplicate   OK

Previous drum kit

Next drum kit

Volume   Info   Click   Record   Menu
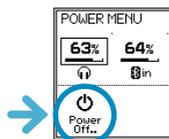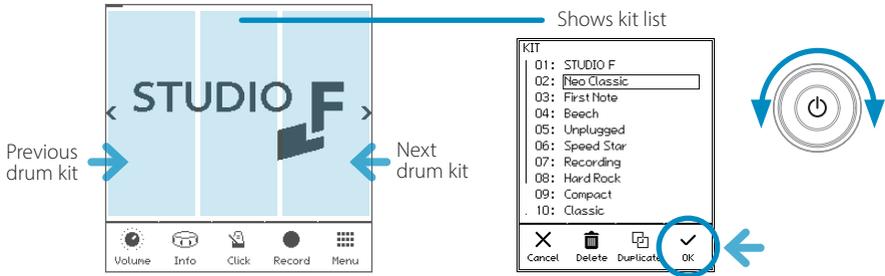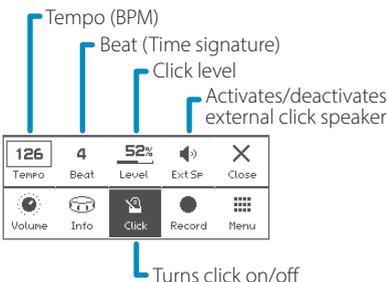

■ Volume

63% (Phones) | 64% (Bluetooth in) | 59% (USB in) | 72% (Audio in) | Close

Analog AUDIO IN level
USB audio in level
Bluetooth audio in level
Phones output level

CAUTION Be sure not to listen to audio at a high volume. It can cause permanent hearing loss.

■ Inst Info

72% (Level) | SNARE DD MapleS 14×5.5 (Instrument) | Close

Instrument assigned to the pad
Pad level
* Clipping may occur when exceeding 85%.

■ Click (Metronome)

Tempo (BPM)
Beat (Time signature)
Click level
Activates/deactivates external click speaker

126 (Tempo) | 4 (Beat) | 52% (Level) | Ext Sp | Close

Volume   Info   Click   Record   Menu

Turns click on/off

■ Recorder

Records your drum performances by MIDI.
* Any other audio sources are not recorded.

2 (Track) | Play | Rec | Clear | Close

Clears target track
Goes to recording stand-by
Plays target track
Selects target track

Rec Standby

01-1 (Standby) | Stop | Start | Auto Rec | Close

Starts when strike
Starts recording
Cancels recording
Status

Recording

08-1 (Recording) | Stop | Close

Stops recording
Status

Playing

06-2 (Playing) | Stop | FRwd | FFwd | Close

Fast forward
Fast backward
Stops playing
Status

13

▪ Menu

Organizes drum kits for gigs
Manages your user custom instruments
Shows the pad level faders (p. 15)
Changes instrument on each pad (p. 15)
Edits drum kit

Provides basic drum beats
Estimates your strike accuracy
Displays your strike points on timeline
Configures click setup

Closes menu
Configures general settings
Configures triggers (pads)
Connects Bluetooth device (p. 16)
Shows the volume control

For the detailed information about screens can be accessed from the menu, please refer to the "Reference Guide" available on the website below.

ef-note.com/products/drums/EFNOTE3/efnote3.html#downloads

▪ Power Menu

You can access the power menu anytime.

1

* Push the knob again to close the menu.

2

Volume control

POWER MENU
63% 64% 59% 72%
🎧   📶in USB in Audio in

Power Off..   Home   Close

Closes menu
Goes back to home screen
Turns power off

■ Changing the Instrument

1 [Menu] > [Kit Edit]

2 Hit the pad you want to change its instrument.

3

```
KIT EDIT > INST
▶ Pad
  SNARE
Inst
           SNARE
🥁        DD Maple S14×5.5  ←
Level    Tuning   Muffling
80%      +300c    4
↩        INST   MIX   KIT   ⋮
Back                       Menu
```

Changes are saved automatically.

4

```
KIT    INST: SNARE
▶ P.    01:  DD MapleS 14×5.5
 S|     02:  LW MapleS 14×5
        03:  CC BirchS 14×5.5
Ins     04:  TM BubingaS 14×5
        05:  SG BrassS 14×5
🥁      06:  YM Birch S 14×6.5
        07:  PL Steel S 14×3.5
Lev     08:  YM Maple S 14×3.5
        09:  DD Steel S 14×6.5
80      10:  PD Steel S 14×5.5
  ✕      ‹      ›      ✓
Ca    Group  Group    OK
```
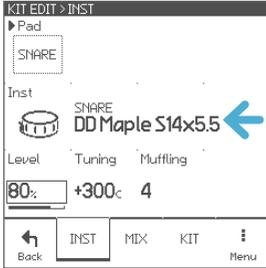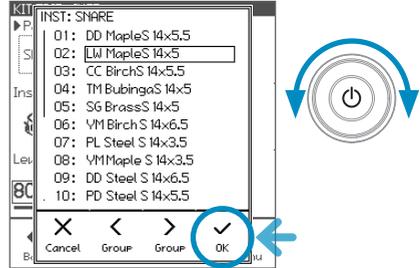
■ Adjusting the Pad Levels

1 [Menu] > [Levels]

2 Choose a pad.

```
‹        STUDIO F        ›
PAD LEVELS
78 75  70 70 72 72  65 58  62 63 60
K  S   T1 T2 T3 T4  HH RD  C1 C2 C3
⌐       ‹    75%    ›       ✕
Pin        Snare          Close
```
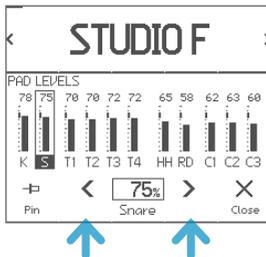
* You can also choose the pad by hitting it.
* If pinned, the selected pad cannot be changed by hit.

Changes are saved automatically.

3 Adjust the level.

* Clipping may occur when exceeding 85%.

■ Connecting Your Smart Device with Bluetooth

You can connect your smart device to the EFNOTE 3 to listen to audio with Bluetooth.

Connecting

1 [Menu] > [Bluetooth]

2 Make sure the status is "Ready to pair".
If the status is "OFF", tap it to turn on.

```
BLUETOOTH
Status
ON  Ready to pair
Connected Device
Audio  ---
MIDI   ---
Discoverable As
Audio  EFNOTE AUDIO 707
MIDI   EFNOTE MIDI 707
Back   63%  64%
```

On your smart device

3 Turn Bluetooth on.

4 Find new device discoverable as "EFNOTE AUDIO xxx" (xxx is any value), and select it.

5 If pin code is required, enter "0000" (four zeros).

6 Tap [Pair].

7 Make sure the status changes to "Connected", and your device name is displayed.

```
BLUETOOTH
Status
ON  Connected
Connected Device
Audio  My Smartphone
MIDI   ---
Discoverable As
Audio  EFNOTE AUDIO 707
MIDI   EFNOTE MIDI 707
Back   63%  64%
```

Controls Bluetooth input volume

8 Now, you can listen to the audio playing on your smart device.

* Make sure to increase the volume of your smart device.

CAUTION Be sure not to listen to audio at a high volume. It can cause permanent hearing loss.
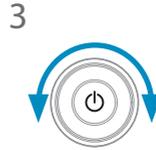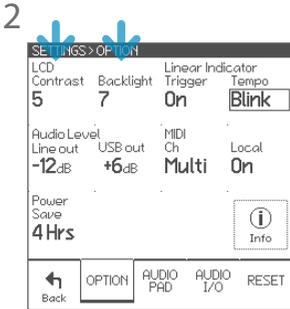
Disconnecting

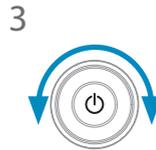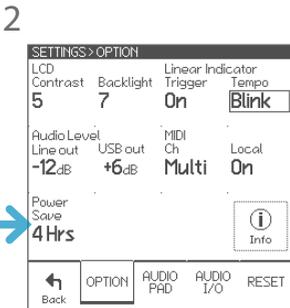1 Tap [Disconnect] on your smart device.

Re-connecting

1 Tap [Connect] on your smart device.
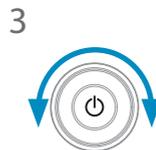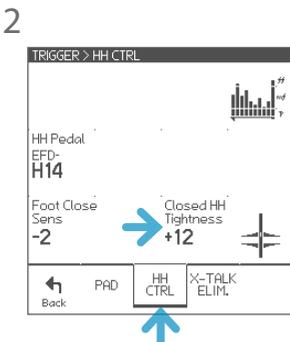
■ Adjusting the Display (LCD) Settings

1 [Menu] > [Settings]

2

3

■ Changing the Power Save Setting

1 [Menu] > [Settings]

2

3

When "Off", the module will not turn off automatically.

■ Adjusting the Hi-Hat

1 [Menu] > [Trigger]

2

3

- When the hi-hat sound is not closed enough despite you press the pedal firmly, increase the "Closed HH Tightness" value.
- When the hi-hat sound is not open easily even if you slightly release the pedal, decrease the value.

17

Specifications

Electronic Drum Kit: EFNOTE 3 (EFD3-STDSET)
Sound Module: EFD-3

Item	Specifications
Trigger Interface	• 3-Zone: Snare, Crash 1/2*, Ride • 2-Zone: Tom 1/2/3/4, HH, Crash 3 • 1-Zone: Kick * Crash 1/2 support 3-zone with using Tom 4/Crash 3 cables. * Tom 4 and Crash 3 pads are not included.
Audio / MIDI Interface	• Line (1/2) Output: 2x TS Phone (+4dBu, Unbalanced) • Phones (3/4) Output: Stereo Mini-Phone (320 mW + 320 mW @32Ω) • Audio Input: Stereo Mini-Phone (+2dBu Max) • USB: Audio 8-ch Output / 2-ch Input (Mac/Windows ASIO, USB 2.0 Hi-Speed), MIDI In/Out • Bluetooth: Audio Input (A2DP), MIDI In/Out (Bluetooth Low Energy/GATT) Transmission Frequency: 2402--2480 MHz, Maximum Transmit Power: 2.5 mW EIRP • MIDI Out: 5-pin DIN
Recorder	• Resolution: 480 TPQN • Tracks: 5 • Capacity: Approx. 8,000 Events/Track
Power supply	DC 12V, 500 mA (Nominal) / 800 mA (Max)
Dimensions / Weight	172 (W) x 106 (D) x 47 (H) mm / 700 g * Excluding protrusions

Pads and accessories:

Item	Specifications
Kick (EFD-K08P)	• Size: 8 x 3" • Zone: Head • Sensor: Multi • Connector: Head (TRS Phones)
Snare (EFD-S12P)	• Size: 12 x 4" • Zone: Head / Rim / Side-Rim • Sensor: Multi • Connector: Head/Rim, Side-Rim (2x TRS Phones)
Tom 1/2 (EFD-T10P) Tom3 (EFD-T12P)	• Size: 10 x 3.5" (Tom 1/2), 12 x 4" (Tom 3) • Zone: Head / Rim • Sensor: Multi • Connector: Head/Rim (TRS Phones)
Hi-Hat (EFD-C12)	• Size: 12" (Single cymbal) • Zone: Bow / Edge / Cup • Sensor: Multi (360° flat sensing + choke) • Connector: Bow/Edge, Cup (2x TRS Phones) * EFNOTE 3 sound module does not support hi-hat cup zone.
Crash 1/2 (EFD-C14) Ride (EFD-C16)	• Size: 14" (Crash 1/2), 16" (Ride) • Zone: Bow / Edge / Cup • Sensor: Multi (360° flat sensing + choke) • Connector: Bow/Edge, Cup (2x TRS Phones)
Hi-Hat Pedal (EFD-HC3)	• Sensor: Optical • Adjustment: Spring tension, Open-Close stroke gap • Connector: 6-pin
Accessories	Brake-Out Cable (EFD-MULTI-A3), Brake-Out Cable (EFD-MULTI-B), 4x Trigger Cable 3.0 m (EFD-TRS-LL3), 4x Lambda Tripod, Snare Stand, Module Mount, Smartphone Tray, AC Adapter, Cable Ties, Tuning Key, Quickstart Guide * Kick pedal, drum throne sold separately.

* Specification and design are subject to change without prior notice.

Support

Please contact us with questions and comments, we love to hear from you.

Artesia Pro Inc.

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