

## PRESS RELEASE

### Zoom unveils the B2 FOUR Effects and Amp Emulator



Zoom is delighted to announce the B2 FOUR Effects and Amp Emulator. Designed specifically for bassists, the B2 FOUR combines unique features derived from our highly acclaimed B6 flagship processor with Zoom's latest technological advancements. The B2 FOUR takes amp modeling to the next level as each of the 11 faithfully reproduced models of classic bass amps are now built with Zoom's new innovative *Multi-Layer IR* technology, first used in our G2 FOUR. As with the Zoom B6, the input impedance of the B2 FOUR can be switched, allowing the use of electric basses and acoustic basses or double basses with pickups. The DI box emulation, also derived from the B6, lets you choose between six DI models that recreate the sound of world-class direct boxes. Zoom's new cross key navigation switches help you control the pedal using just your feet and with the Guitar Lab App for iOS and Android it is easier than ever before to create your own signature sounds from over 100 different effects with up to 5 to be used simultaneously. The B2 FOUR also includes an on-board rhythm machine with 68 pattern and a 60 second built in looper for songwriting or to add layers to any performance. And when connecting the B2 FOUR to your computer or smartphone via USB you can record with your favorite effects and amp models. Preloaded with 250 presets, each patch recreates the sound of an iconic song from the 50's to today to provide bassists with more tone variations than ever before. The B2 FOUR will ship in Q3 2023.

**Product video Zoom B2 FOUR:** <https://bit.ly/3loztrm>

#### Content of this Press Release:

- UNLEASH YOUR BASS
- JAM PACKED WITH EFFECTS
- DESIGNED EXCLUSIVELY FOR BASS
- HISTORIC BASS SOUNDS
- NAVIGATE AND CREATE
- LOOP AND GROOVE
- INPUT AND OUTPUT OPTIONS
- USB CONNECTIVITY
- LEGENDARY ZOOM SOUND
- WHAT'S IN THE BOX
- TECHNICAL SPECIFICATIONS

**Berlin, 23th of February 2023** – Introducing the B2 FOUR Effects and Amp Emulator, powered with Zoom's Multi-Layer IR technology and 6 iconic DI models. It's never been easier to craft the perfect low-end tone.



#### Overview

##### Facts

- Zoom unveils the B2 FOUR Effects and Amp Emulator
- Next level Bass amp modeling with Zoom's innovative *Multi-Layer IR* technology
- XLR DI Output with DI-Box Emulation ( 6 models )
- 104 effects including famous boutique effects and preamps
- Up to 5 effects and amps simultaneously
- 250 preloaded patches
- Additional effects can be installed, edited and backed up using the Handy Guitar Lab App for iOS and Android
- New designed Cross key navigation and LCD display for easy operation and editing on the fly
- 60 sec. Looper
- 68 built-in rhythm pattern
- Impedanz für Eingang umschaltbar
- AUX-IN jack
- Operates with AC power adapter, or USB bus power
- 2-in/2-out USB-C audio interface

**Product name**  
B2 FOUR

**Brand**  
Zoom

**Exclusive distribution**  
Sound Service GmbH  
UK: Sound Service MSL  
Distribution Ltd

**Website**  
[www.sound-service.eu](http://www.sound-service.eu)  
[www.zoomcorp.com](http://www.zoomcorp.com)

**Price (estimated MSRP)**  
B2 FOUR 327,25 Euro incl.  
19%VAT  
297,60 GBP incl. 20% VAT

**Availability**  
Q2 2023

**Media**  
**Press download incl. images**  
<https://blog.sound-service.eu/press-kits/>

**Products for review**  
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**JAM PACKED WITH EFFECTS**

Build patches from 104 effects, including models of famous boutique effects and preamps. Mix and match up to 5 effects and amps simultaneously to build your own custom patches.

**DESIGNED EXCLUSIVELY FOR BASS****BUILT FOR LIVE PERFORMANCE**

When you need to plug directly into the house PA, the B2 FOUR has you covered. It features six DI models that recreate the tone of world-class direct boxes:

**Tube 1** for rich harmonics and thick low frequencies.

**Tube 2** for a clear attack and tight low frequencies.

**Tube 3** for a clear and glossy sound.

**Solid State 1** for moderate compression and sharp tones.

**Solid State 2** for a clear tone and little distortion.

**Solid State 3** for elevated mids and low treble to replicate the Motown sound.

**RICH AMP AND CABINET MODELS**

Each amp model is built with Zoom's innovative *Multi-Layer IR's*, to recreate the tonal characteristics of playing through classic amps and cabinets. The impulse responses were captured from cabinets at 3 different levels and are activated based on the volume of your bass.

**HISTORIC BASS SOUNDS**

Preloaded with 250 presets, these patches are designed to give bassists the ability to recreate the sound of popular songs from the 50's to today.

**NAVIGATE AND CREATE**

The 4 rotary encoders allow for quick adjustments to effects parameters as well as output settings. The cross key navigation buttons help you control the pedal with ease.

**LOOP AND GROOVE**

Jam and rehearse with B2 FOUR. The 60-second built-in looper allows you to build grooves, while the 68 beats from the on-board rhythm machine are the perfect companion for practice.

**INPUT AND OUTPUT OPTIONS**

A balanced output helps you connect directly to a PA or interface, while the stereo outputs can connect to an amp. The instrument input has a switch to change the impedance from 1M to 10M ohms, giving you a cleaner tone for upright basses equipped with piezo pickups.

**USB CONNECTIVITY****AUDIO INTERFACE**

Use as a 2-in/ 2-out audio interface to connect the B2 FOUR to a computer or smartphone with your favorite effects and amp models.

**HANDY GUITAR LAB FOR B2 FOUR**

With an expanding library of patches and effects, bassists can continue to expand their sound with the Handy Guitar Lab for B2 FOUR app (for iOS), available to purchase on the Apple App Store.

**LEGENDARY ZOOM SOUND**

The B2 FOUR features classic and originally designed amp, preamp, and effect models.

**AMP MODELS****Sun CB**

*Features clean bass and bright high frequencies.*

**Monotone**

*A solid-state combo amp perfect for jazz, featuring a round low-mid range with a calm overall tone.*

**PREAMPS****Clear Drive**

This original ZOOM Clear DRV preamp uses a linear phase filter in the distortion path. As a result, phase interference is eliminated during dry mixing, providing a clear drive.

**Super Low Preamp**

A ZOOM original preamp for super low sound. Using "missing fundamental" acoustic science, SpLoPre is equipped with a bass enhancer, which emphasizes the low end of every note. With a Lo EQ and a negative one octave sound, a super low-end tone is produced.

**Djent Preamp**

An original ZOOM preamp recommended for Djent sounds. This preamp combines an undistorted low-end with a strongly distorted high-end to provide a crisp, intense distortion even with a down-tuned 5-string bass.

**1073 Preamp**

A thick, warm sound of a vintage mic preamp with transformer distortion.

**Solid Preamp**

Modeled after a console's solid state mic preamp, the SolidPre delivers tight sounding harmonics with the ultra-low frequencies cut out.

*EFFECTS***Bass Analog Octave**

ZOOM's original octaver using an algorithm based on the operating principle of analog octavers.

**Bass Standard Synth**

ZOOM's original bass synthesizer sound with adjustable filtering detail.

**Bass Synth Talk**

This effect produces a synthesizer sound similar to a talking modulator.

**WHAT'S IN THE BOX**

Here is what's included:

- B2 FOUR Effects and Amp Emulator
- AD-16 AC Adapter
- Quick Tour

(674 words / 3407 characters)

**Technical Specifications**

MAXIMUM		
NUMBER OF SIMULTANEOUS EFFECTS		5 EFFECTS
USER PATCHES		300
SAMPLING FREQUENCY		44.1 kHz
A/D CONVERSION		24-bit 128x oversampling
D/A CONVERSION		24-bit 128x oversampling
SIGNAL PROCESSING		32-bit
FREQUENCY CHARACTERISTICS		20 Hz ~ 20 kHz ( + 0.5 dB - 0.5 dB) (10kΩload)
DISPLAY		dot matrix LCD (256*128 dot)
INPUTS	INPUT:	Standard mono phone jack
		Rated input level: -20 dBu
		Input impedance (line): 1 or 10 MΩ (switchable)
	AUX IN:	Stereo mini jack
		Rated input level: -10 dBu
		Input impedance (line): 10 kΩ
OUTPUT	L/R:	2x Standard mono phone jacks
		Maximum output level: + 11.4 dBu (when output impedance 10 kΩ or
	BALANCED OUTPUT	XLR jack
		Impedance: 100 Ω (HOT-GND, COLD-GND)/200 Ω (HOT- COLD)

		GND LIFT (switchable)
	PHONES:	Stereo mini jack
		Maximum output power: 30 mW + 30 mW (at 32 Ω load)
INPUT S/N		124 dB
NOISE FLOOR (RESIDUAL NOISE)	L/R:	−96 dBu
	BALANCED OUTPUT	−100.0 dBu
	PHONES:	−96 dBu
CONTROL INPUT		FP02M input
POWER		AC adapter ( 9v DC 500mA, center negative) (Zoom AD-16)
USB		USB 2.0 Type-C port (use cable that supports Type-C)
		Handy Guitar Lab: USB 1.1 Full Speed
		Audio interface: USB 2.0 Full Speed, 24-bit, 2-in/2-out
		• Use a USB cable that supports data transfer.
		USB bus power is supported.
		32-bit 2in 2out
		Use cables for data transfer.   Power can also be supplied through the USB port.   When using a cable designed only for power, other USB functions cannot be used.
EXTERNAL DIMENSIONS		146 mm (D) × 249 mm (W) × 72 mm (H)
WEIGHT		906 g

Note: 0 dBu = 0.775 V

## About the Zoom Corporation

WE'RE ZOOM. AND WE'RE FOR CREATORS.

Zoom designs and produces a wide array of recording devices, multi-effects processors, effects pedals, digital mixers, and samplers. Our innovative, cutting-edge technology is trusted world-wide by sound designers, musicians, podcasters, filmmakers, location sound professionals, electronic news gatherers, and pretty much anyone who creates amazing, important things.

Zoom's corporate culture is a fusion of engineers and artists; a combination of advanced technological skills and the sense and desire to employ them creatively and imaginatively. Our mission is to design, develop and manufacture high-end, and easy-to-use creative tools that allow anyone, from amateur to professional, to more freely express their creative ideas in today's digitally-driven world.

## About the Company Sound Service European Music Distribution

Founded in 1983, the Berlin based Sound Service European Music Distribution has been growing steadily from a one-product-distributor (MFB Fricke; the world's first digital drummachine) to one of the major independent german distribution companies for musical instruments recording studio equipment and PA, Lightning and DJ products. Today Sound Service is one of the leading distribution companies in Europe with exclusive distribution rights for a lot of the A-List MI-brands covering most of the countries in Europe.