

## PRESS RELEASE

### Zoom unveils the new A1 Four and A1X Four



Zoom introduces their first Multi-Effects Processors for acoustic string and wind Instruments, the Zoom A1 Four and A1X Four. Both models featuring new, specially engineered effects for a variety of acoustic instruments like Acoustic Guitar, Saxophone, Trumpet, Violin, Harmonica, Acoustic Bass, and more. For Acoustic Guitar, we've included the Acoustic Guitar Modeling technology of our AC-2/AC-3 Acoustic Guitar preamps. The included MMA-1 Mic Adapter lets you connect dynamic or even condenser microphones to add our effects to any acoustic instrument of your choice. With 68 Rhythm Patterns, especially programmed for acoustic music, you will never play alone and the integrated Looper allows you to create dynamic multi-part arrangements. The new Zoom A1 Four and A1X Four will be available from about October 2019.

#### Content of this Press Release:

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#### Overview

##### Facts

- Zoom announces A1 Four and A1X Four Multi-Effects Processors for acoustic string and wind Instruments
- Acoustic Guitar Modeling Technology based on ZOOM's AC-2/AC-3 Preamps
- More than 80 effects for Acoustic Guitar, Saxophone, Trumpet, Violin, Harmonica, Acoustic Bass, and More
- Looper and Drums & Percussion for acoustic music included
- Guitar Lab editing software

#### Product name

A1 Four and A1X Four

#### Brand

Zoom

#### Exclusive distribution

Sound Service GmbH

#### Website

[www.sound-service.eu](http://www.sound-service.eu)  
[www.zoom.co.jp](http://www.zoom.co.jp)

#### Price (estimated MSRP)

A1 Four = 129,- Euro incl. 19% VAT  
A1X Four = 149,- Euro incl. 19% VAT

#### Availability

ca. October 2019

#### Media

**Press download incl. images**

<http://www.sound-service.eu/press-area/press-kits>

#### Products for review

Please use press contact below!

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**Rangsdorf, 13th of September 2019** – The all-new ZOOM A1 Four and A1X Four for Acoustic Guitar, Saxophone, Trumpet, Violin, Harmonica, Acoustic Bass, and more are featuring specially engineered effects, built-in looper and drum machine. The A1/A1X FOUR are the first Multi-Effects Processors designed for a variety of acoustic string and wind instruments.

#### **Extraordinary Effects**

The A1/A1X FOUR is preloaded with over 80 effects, including more than 35 new groundbreaking effects designed and engineered for acoustic instruments. (Download a list of pre-loaded effects)

#### **X is for Additional Xpression**

The A1X FOUR comes with 8 additional pedal-controlled effects to adjust volume, pitch, reverb, delay, and wah.

#### **Unlock the Potential of Your Acoustic Guitar**

Add a multitude of warm and rich tones to your guitar. From live “unplugged” performance sounds to the finger-playing style of country and blues, there’s so much to choose from. Gorgeous effects and acoustic guitar modeling will take your instrument to places it’s never been before.

#### **Acoustic Guitar Modeling**

Add depth and dimension with acoustic emulators and modeling. Refresh your instrument’s natural sound, allowing your live performances to sound just like your studio recordings. Select and hone in on the tone of your favorite guitar make and style.

The A1/A1X FOUR make it easier than ever to process the sound of your own Acoustic Guitar. With a selection of 15 factory presets (plus 13 more available as free download on Guitar Lab), you can select your favorite AG MODEL, D-28 for example, and recover instantly the sound character of that renowned and original body shape.

IR (Impulse Response) technology is used to capture the sonic fingerprint all guitar shapes and bodies available on the A1/A1X FOUR and via Guitar Lab. Each AG MODEL can be adjusted with 4 parameters (Gain, Bass, Mid, Treble) to control the volume and refine the audio output of your modeled sound.

In Patches you can also set the AG Pickup Selector (AG PU SEL) to match your guitar’s pickup type (Piezo or Magnetic) and add a specific EQ modeled on a variety of dedicated processors.

#### **Give Your Sax an Entirely New Soundscape**

Perform that gritty, rock-and-roll sax growl. Or use the lush custom-chorus effect to emulate the sound of jazz fusion. The A1/A1X Four gives sax players a soundscape of possibilities. The all-new “SaxChorus” effect delivers a more natural double-track and thick tone response by softening the modulated sensation typical of a chorus designed for the electric guitar. With ready-made settings for EQ and Compressors your sax will preserve its acoustically warm sound, even when amplified through mics.

#### **Take Your Trumpet Back to the Future**

From the bright sound of electric jazz to our signature Auto Wah sound effect, the A1/A1X gives you inspiration for any style you play. With the “Tp MD70” preset patch the Pedal Wah sound is tuned, resonates and adapts to the low frequency range and curve of the Trumpet.

#### **Turn Your Violin Into an Orchestra**

From the rich, full sound of a string symphony to the raw, distorted explosion of metal, the A1/A1X FOUR have effects for every genre.

#### **More Body for Your Harmonica’s Soul**

Play punchy, mid-range sounds of a blues harp, or experiment with your own new sounds. Breathing new life into your harmonica has never been so much fun.

Play through the preset patch “Hm StevieW” and get that famous harmonica sound as the chorus’s wet signal effect is modified to fit the frequency response of the chromatic harmonica.

The A1/A1X even provides you with a truly effective simulation of the Bullet Mic, also known by harmonica players as the Green Bullet. Select the preset patch “Hm Juke” and now hear the legendary amplified, warm tone of the Green Bullet come to life, even when using any standard vocal microphone.

#### **Take Your Upright Bass to New Heights**

With focused highs and rich lows, the A1/A1X Four gives you control and flexibility from classical to rockabilly and all styles in between. Add octaves, select your piezo effect or create your own unique signature sound.

## The Technology

Popular effects such as Distortion, Chorus and Wah are typically designed to work with the electric guitar. The A1/A1X FOUR provide all-new effects that are engineered to process the unique signals generated by acoustic instruments.

For example, with the sax and trumpet, original acoustic sounds are controlled by the musician blowing the horn with more or less intensity. As an example, the Wah effects are uniquely re-voiced in the A1/A1X FOUR by adding a Low Pass Filter (LPF) to best control the processed frequency response of the instrument. This allows musicians to hit the peak frequency points while still blowing naturally into the instrument, without losing any expected sonic response of attack and release.

Another example is the violin. The bowing attack is key to the expression of the violinist. To recreate the electrified sensation of distortion without losing the bowing attack, the DIST effect for Violin shifts the clipping 1 octave higher, boosts the high frequency and reduces the lows. This creates a more balanced saturation that suits the sonic characteristics of the violin.

## Guitar Lab Supported

With a free download, ZOOM Guitar Lab software explore an endless world of patches and effects. And with its added ability to edit effects and arrange patches designed for Acoustic Instruments, you can experiment and create endless combinations.

## The Perfect Partner

The Zoom MAA-1 mic adapter provides a hassle-free connection to the A1/A1X FOUR. It works with dynamic microphones and even provides phantom power for condenser mics. Add effects to any acoustic instrument and adjust gain settings with the MAA-1's easy-access controls.

## Tap into Your Performance

Effortlessly toggle between patches and effects with two performance modes. MEMORY mode makes it easy to program your entire setlist by jumping from patch-to-patch. Use STOMP mode to turn individual effects on and off with the tap of your foot.

## No More Feedback

The Anti-Feedback Filter detects and cuts frequencies that cause potential feedback.

## Drums & Percussion Included

Choose from 68 rhythm patterns designed for acoustic music including Samba, Reggae, and Jazz. Play along with a variety of time signatures.

## Looped In

The built-in looper can record up to 30 seconds and allows you to create dynamic, multi-part arrangements.

## What's in the Box

A1 FOUR or A1X FOUR Multi-Effects Processor  
MAA-1 Mic Amp  
AA Batteries (x6)  
Quick Guide  
Patch List

(1086 words / 6441 characters)

## Specifications

Maximum number of simultaneous effects : 5

User patches: 50

Sampling frequency : 44.1 kHz

A/D conversion: 24-bit, 128x oversampling

D/A conversion : 24-bit, 128x oversampling

Signal processing : 32-bit

Display : 128x32 dot matrix LCD

Input

Input:

Standard mono phone jack

Rated input level: -20 dBu

Input impedance (line): 470 kΩ

AUX IN:

Stereo mini jack  
Rated input level: -10 dBu  
Input impedance (line): 1k $\Omega$

OUTPUTS

OUTPUT:  
Standard stereo phone jack (combined line/headphone)  
Maximum output level: Line +2 dBu (10 k $\Omega$  or more output impedance)  
Headphones 17 mW + 17 mW (32 $\Omega$  load)  
Input S/N: 120dB  
Noise floor (residual noise): -97 dBu

Power:

AC adapter: 9V DC 500mA center negative (ZOOM AD-16)  
4 AA batteries (about 18 hours continuous operation time when using alkaline batteries with the LCD backlight off)

USB:

USB MIDI, USB Micro-B  
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:

A1 FOUR

Height: 156 mm (D)  $\times$  130 mm (W)  $\times$  42 mm (H)  
Weight: 340 g (excluding batteries)

A1X FOUR

Height: 156 mm (D)  $\times$  216 mm (W)  $\times$  52 mm (H)  
Weight: 610 g (excluding batteries)

MAA-1

Input:  
INPUT XLR balanced input (2: hot)  
Input gain: +3 – +30 dB  
Input impedance: 10 k $\Omega$   
Maximum input level: +4 dBu  
+48V phantom power

Output:

Standard mono phone jack  
Nominal output level: -20 dBu  
Maximum output level: +7 dBu  
Output impedance: 1 k $\Omega$

Power :

2 AA batteries  
Continuous operation time (when phantom current is 3 mA)  
About 15 hours (using alkaline batteries)  
About 15 hours (using nickel metal hydride batteries)

External dimensions:

Height: 177 mm (D)  $\times$  23 mm (W)  $\times$  25 mm (H)

Weight :

70 g (excluding batteries)

**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.