

Dr. Speaker Blower  
and  
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Presents

# SPEAKER BLOWER FX NEW PLUGINS



June 2009

**New Available Effects:** (only available in the stereo version except where indicated with \*)

**Note:** These vst plugins are not available in the FREE Mono Pack (this free pack will not be updated). The vst plugins from FX Pack are not available separately anymore. This pack is now sold only as one download (with all mono, mono to stereo and stereo plugins) but it has seen its price reduced by 40%! It costs now 30€ and includes 75 vst plugins!

### Equalizer

- Air Crash (air eq) **JUST ADDED**

### Delay/Reverb:

- Space Delay (modulated delays and echoes)
- Space Verb (7 types of reverb tail)

### Distortion:

- BassDrive (updated to v. 2.0)
- QuadStortion M/S (M/S Quad Distortion)

### Dynamic:

- Arsenal Compressor (Mid/Side / Side-Chain Compressor)

### Modulation:

- Doubler (3 lush pitch LFOs) **JUST ADDED**
- Tremolo (tremolo effect)

### Utilities:

- Bass Bus (bass processor)
- Central Station (M/S processor)
- Master (master channel insert effect) **JUST ADDED**
- Meter \* (complete level meter – updated to version 2.0) **JUST ADDED**
- Mono to Stereo (dual sample delay with HPF)
- Stereo to Mono
- WaveScope (updated to v. 2.0)

**Bonus Fx (only available in TOTAL Pack):**

- Space Phaser
- "BUILT FOR WAR" Tuga PACK:
  - Tuga Bass Bus
  - Tuga Distortion \*
  - Tuga HPF \*
  - Tuga Eq \*

**Freebies:**

- Arsenal Compressor LE – available in [www.ourafilmes.com](http://www.ourafilmes.com)
- Sideral (free version of the Central Station plugin) – available in [www.ourafilmes.com](http://www.ourafilmes.com)

**Synthesizers (only available in the Speaker Blower Synths Pack):**

- Lusus 3.0 [(R)Evolution of the Lusus synthesizer]
- Rufius 1.1 (from the "BUILT FOR WAR" Tuga PACK)

## Available in ALL NEW effects:

- No copy protection schemes, serial numbers or need of any USB hardware key
- No hidden viruses, spyware, shitware or anything unrelated with music making software – these are only my personal vst effects!
- Zero latency
- Midi Learn
- Full automation
- Modifier keys: **Shift** (fine tuning) and **Control** (default value)
- Clear, intuitive, easy to use GUI
- Vintage sci-fi design

## Equalizer

### Air Crash



#### Features:

- Analog modeling air equalizer
- Exclusively designed for cymbals sounds (crash, ride, hi hats, tambourines,...)
- Exclusive internal stereo saturation algorithm (in mode 2)
- 5 Fixed musical high frequencies (notched knob)
- Up to 4 dB gain
- Output amplifier (+/- 6dB) with internal limiter
- Master bypass switch
- LCD display
- Stereo component
- Direct web link to the ourafilmes site
- Back view

-Classic, vintage design



Use this original effect to get more brightness and wide your cymbals sounds, bringing them new energy to sit perfectly in the final mix. Of course, despite of its name, you can use it on any sound you want. Simple but very effective - it just works!

## Delay/Reverb:

### Space Delay



#### Features:

- Interpolated stereo and ping pong delays up to 2500 ms (or 2 bars if in sync) with feedback and also featuring triplets values
- Pitch modulation LFO with 2 waveforms (sine or triangle) and phase invert switch
- Free run or Sync Modes (switch affects both delay and LFO rates)
- Exclusive saturation algorithm on feedback stage
- 6 or 12 dB/octave LP and HP filters on the feedback stage
- Analog emulation (mono or stereo modes) with bypass switch
- 7 different circuitries for feedback stage
- Output amplifier with mix knob and internal limiter
- Master bypass switch
- Dual spider eyes meters for input and output level

- LCD display
- Stereo component
- Back view with extra control switches
- Classic, vintage design



This plugin is, without any doubt, the best delay of the FX Pack. Use it to achieve the expected but mainly, the unexpected: from simple stereo to ping pong delays; from sync to free run, from crystal clear to nasty saturated feedback delays, from tape to dub style delays. The LFO provides a super crazy pitching delays effect (up to the total sci-fi lo-fi destruction) affecting both pitch and delay times. As this processor uses interpolation, you can automate the delay time knob in order to get sci-fi delays and, if you use also the LFO modulation, it can get pretty nasty! Use it as a send effect or insert it directly on your tracks! Highly creative on electronic music! Just listen to the mp3 demo!



## Space Verb



### Features:

- 7 different lush spaces stereo reverb
- pre-delay (up to 1 second or from 1/32 bar to 2 bars, if in sync) with automated feedback (feedback can be turned off)
- Exclusive reverb modulation stage (1 or 2 LFOs)
- 6 or 12 dB/octave LP and HP filters
- Analog emulation with bypass switch
- 7 different spaces (from dark to bright)
- Output amplifier with mix knob and internal limiter
- Master bypass switch
- Dual spider eyes meters for input and output level
- LCD display
- Stereo component

-Back view with extra control switches



Use this reverb plugin to place your sounds in one of its 7 distinct spaces. Add character, lushness and color to dull sounds or give extra brightness to vocals widening the stereo image. Use the central knobs to control the space sound. With its extra modulation and filter controls on the back you can change even more the reverb tail and even switch off the pre-delays feedback (set internally). With its sync features, you can achieve strange effects by setting the pre-delay to up to 2 bars!

## Distortion:

### BassDrive (version 2.0)



### Features:

- New auto-gain mode
- Valve drive up to +20 dB (affects frequencies below tone filter)
- Tone crossover filter (20-1500 Hz)
- Monitor (low band)
- Output amplifier (+/- 20 dB) with limiter
- Master bypass switch
- Spider eyes meters
- Triple LCD display
- Mono and stereo components
- Back view
- Classic vintage design
- Direct web link to the ourafilmes site

-3D look



This updated version of the BassDrive effect brings new bass flavours with the auto-gain algorithm (without it, you can blast your subwoofer so be careful!). You can now drive frequencies up to 1500 Hz (450 Hz before). You can use the new monitor switch to listen only the bass frequencies that you can drive with valve coloration. The new LCD displays let you read accurately the parameters of this plugin. Drive and output parameters are now measured in dB. Happy basses!

## QuadStortion MS



### Features:

- 4 Distortion processors (based on the QuadStortion effect of the SB-2 synthesizer) in serial configuration
- Valve drive, transistor drive, wave shaper and blaster distortion.
- M/S Processing (blend dry/wet for Mid and Sides separately)
- Analog circuitry emulation with spider eye meter and bypass switch
- Output amplifier with limiter
- Master bypass switch
- Spider eyes meters for output level
- LCD display
- M/S meter
- Stereo component
- Back view
- Classic vintage design
- Direct web link to the ourafilmes site
- 3D look



The serial configuration of this distortion plugin allows you to totally smash your sounds. Or you can only use it to slightly drive the signal or even use it to add some harmonics by altering the amount of the 4 distortion knobs. Nothing new until here... But the main feature of this effect is the M/S processing: you can smash/drive only the sides or the center as you can blend (in both) the original sound with the processed sound. This plugin uses a kind of auto-gain feature in the 4 distortion knobs: this allows pushing the signal with very low general level changing. This is a future vst classic!

## Dynamic:

### Arsenal Compressor



#### Features:

- Vintage style compression
- Input amplifier
- Side-Chain HPF and LPF (for processing only the desired frequencies) with bypass switch
- M/S Processing (mix dry/wet of Mid and Sides signals separately and/or adjust their gain by +/- 6 dB) with bypass switch
- Output mix section
- Extensive monitor section: input, output, side-chain, mid or sides
- Output amplifier with limiter
- Master bypass switch
- VU meters for output, input, M/S, side-chain and gain reduction level
- LCD display
- Stereo component

- Back view
- Classic vintage design
- Direct web link to the ourafilmes site



Use this vst effect to process any sound that needs dynamic processing. Use the side-chain feature to process only certain frequencies, leaving the other frequencies unprocessed. And last but not least, with the M/S feature, you can process dynamically only the Mid, the Sides or even achieve parallel compression (50/50) on sides and/or center! This is another future vst classic!



## Modulation:

### Doubler



### Features:

- 3 Lush pitch modulation LFOs with rate, delay, pan and phase invert switches
- 2 Working modes: mono (mode 1) and stereo (mode 2)
- Exclusive internal light saturation algorithm
- 6 dB/octave LP and HP filters stage with bypass
- Color triangle mixer
- LFOs output amplifier with internal limiter
- Output mix stage
- Master bypass switch
- Spider eyes meters (output level metering)
- LCD display
- Stereo component
- Direct web link to the ourafilmes site
- Back view
- Classic, vintage design



This effect has one of the most stunning interfaces in the VST world and the sound is at the same level. Originally developed for thickening and widening my vocal tracks – usually with Drum`n` Bass MCs or female singers – it is usable on any sound you desire to explore. It has 3 Pitch modulation LFOs with individual rate, delay and pan controls. You blend the output of these LFOs in the color triangle mixer (you can add from 1 to 3 extra “voices” here). If you desire to cut frequencies in the LFOs output, you have a LP and HP filters available. There’s also the phase reverse switches that allow you to change the phase of each LFO individually (REMEMBER: LFO 2 has naturally its phase reversed in relationship to the other LFOs (1 and 3). The Mode 2 switch transforms the LFOs in stereo mode – use this to wide the effect. You can also control the LFOs final amplification and the mix ratio between the original sound and the extra voices generated by this effect (REMEMBER that if you use this effect in a send BUS you must turn the mix knob to 100%).

With this effect, properly recorded voices stand all over the mix, right “in your face”, although giving some space left to the other sounds to sit perfectly around it. Use this plugin for double tracking, to enrich and lush your vocal tracks or even pads, effects, ambient, guitar, bass, as a send effect shared by many tracks, ... You can even use it in extreme settings and get a rich, lush, analogue chorus effect (listen to the audio demo).

## Tremolo



### Features:

- Stereo LFO (sine wave) with speeds up to 12 KHz or between 32 bars and 1/16 bar (if in sync)
- Phase control
- Side-chain filtering
- Analog circuitry emulation with spider eye meter and bypass switch
- Output amplifier with mix knob and internal limiter
- Master bypass switch
- Dual spider eyes meters (for LFO speed and output level)
- LCD display
- Stereo component
- Back view
- Classic vintage design
- Direct web link to the ourafilmes site
- 3D look



This is a tremolo processor based on a stereo sine wave LFO. With its phase knob, you can control the amount of difference between the left and right LFO start. This allows you to have it from left to right or have both sides in sync. If you turn phase value to 0, the LFOs phase will reset and they start in sync. The filters allow you to only process the sound you plan if you do not want to process all the hearing range.

## Utilities:

### Bass Bus



#### Features:

- 4 bass processors in one vst plugin
- M/S stage with gain (+/- 6 dB) and mix controls and bypass switch
- Stereo Imager with mono (bellow 20 and 1500 KHz) and stereo widening controls
- Exclusive multi-band drive stage (with different algorithms for each band) with 2 crossovers and also monitor and bypass switches
- Analog circuitry emulation with spider eye meter and bypass switch
- Output amplifier stage with mix knob and limiter (appears as Pressure)
- Master bypass switch
- M/S meter
- Stereo output level meter
- LCD display

- Stereo component
- Back view
- Classic vintage design
- Direct web link to the ourafilmes site



Created for the bass bus of any DAW that is vst compatible, this is one of my best and useful plugins. It allows you to have so much control of your bass sound that it is hard to describe everything here. You can see the signal flow in the back view. This effect allows you to process only the sides or the mid signal (or change its balance with the gain controls), drive the sound to the limits working in 3 different bands, change (narrow/wide/enhance) the stereo image and/or to push the signal harder with the included limiter. Check this: you can work differently in the stereo image, in the sound frequencies and in the signals phase! This is surely another future vst classic!

## Central Station



### Features:

- M/S (Mid/Sides) Processor
- Separate control of Mid and Sides gain
- Stereo widening control
- Output amplifier stage with limiter
- Master bypass switch
- M/S meter
- Spider eyes output level meter
- Stereo component
- Back view
- Classic vintage design



Created when I was recently studying and researching on phase problems in surround recordings and sound processing techniques based on phase, this free plugin is very useful. You start to wide the stereo image. Then, it divides the stereo signal in Center and Sides (or Mid/Sides=MS). With it, you can now control separately the Mid and the Sides level between total reduction (kill)-and +6 dB. This effect is 100% transparent and allows you to: add/remove ambience, presence and /or reverb from stereo recordings; control the stereo field control or even stereo to mono functions; sound design; noise reduction/restoration and you can even use it on home mastering. On individual channels, you should use it for processing sounds that have phase problems (but where you want to keep the original characteristics) by slightly altering the signal by just 1 or 2 dB. Use the M/S meter to analyse the sound!



## Master



### Features:

- Complete stereo master channel
- M/S stage (with bypass switch) for final phase adjustments
- Mono switch for fast mono/stereo checkings
- Separate phase reverse switches for Left and Right channels
- Auto-gain feature (Gain knob, when positive (above 0 dB), acts as a auto-gain limiter – no peak changes)
- Output limiter
- M/S meter
- Spider eye style level meter
- Master bypass switch
- LCD display
- Stereo component
- Analogue/Digital interactive design (knob lights respond to switches)
- Back view
- Direct web link to the ourafilmes site



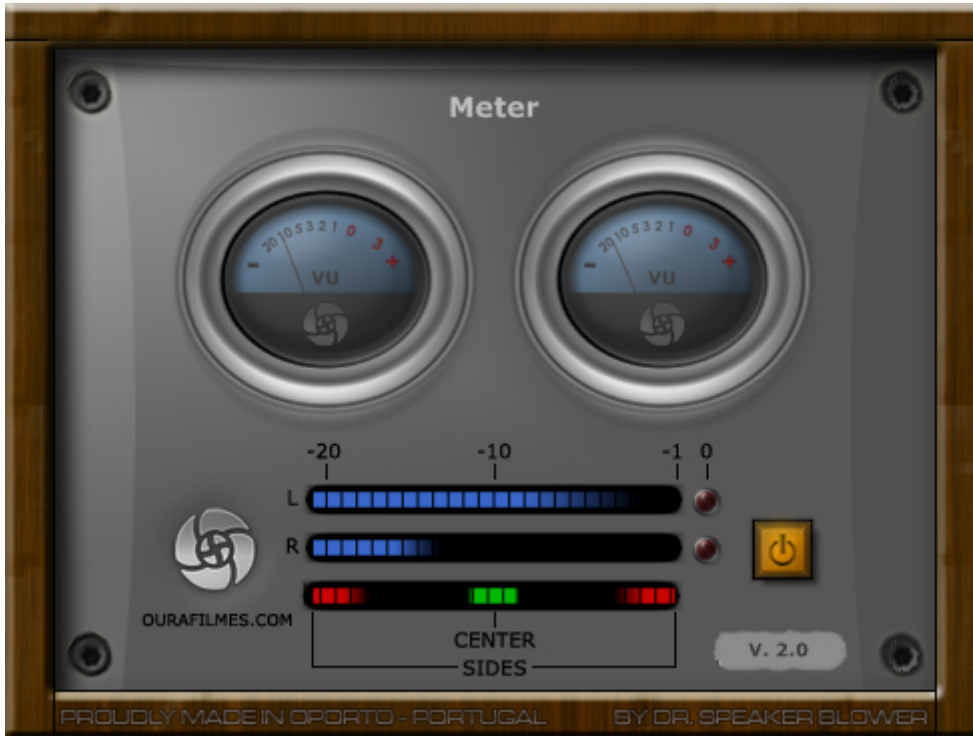
This effect is basically a remix of technologies from 5 processors into 1 plugin: Stereo to Mono (mono), OuraGain (phase reverse), Central Station (m/s), Speaker Blower (limiter) and BassDrive (auto-gain feature). The pan stage is exclusive and is brand new (this is 0dB Center, OuraGain pan is -3dB Center).

Use this 100% transparent processor to polish the final sound of your tracks. With it inserted in your master channel, you are able to control your final sound by: controlling the final phase/width adjustments in the M/S stage, control of pan (if one side has higher level), phase reverse (if needed), mono check or even with the auto-gain feature that allows you to keep the overall volume but to gain up to 6 dB in the signal level.

If your audio signal has occasional peaks above 0 dBFS, this plugin can act as a natural limiter (just by being inserted!), preventing these situations and avoiding signal level to peak 0 dB, thus avoiding the red light – warning of clipping!

This plugin is fully interactive: if you turn the mono switch on, the M/S light turns into green (even if m/s stage is switched off), the "Pan" and "Sides" knobs loose their lights (meaning that they won't work in mono mode) and the m/s level meter will display only the center (in green); if you switch down the M/S stage, the "Mid" and "Sides" knobs will loose their lights; if you turn the power off all the lights will also turn off.

## Meter



### Features:

- Complete stereo level meter
- 2 VU meters for RMS level metering (1 in mono component)
- 2 Peak level meters (1 in mono component)
- 2 Spider eyes peak limiter lights (1 in mono component)
- M/S meter (not present in the mono component)
- Master bypass switch
- Mono and stereo components
- Classic, vintage, robotic design



Depending of the situation (or track), use the mono or the stereo components of this vst plugin to analyse and meter the sound level. With RMS, Peak and M/S (and even including a peak limiter spider-eye meter) this is a very complete metering plugin.

**IMPORTANT NOTE:** This new plugin (version 2.x) is the replacement for both "Meter" and "VU" vst plugins: these 2 (version 1.x) old effects are now discontinued.

## Mono to Stereo



### Features:

- Dual sample delay (with values shown in samples and milliseconds) - up to 100 ms
- Input amplifier (+/- 20 dB)
- HP filter (20Hz-10 KHz)
- Delay graphic
- Output limiter
- Master bypass switch
- 6 LCD displays
- Mono to stereo and stereo components
- Classic vintage design

Created for transforming mono (or double mono) signals into stereo, this vst effect is simple but very effective. With it you are able to process only frequencies above the hi-pass filter allowing the low frequencies to remain in the center (mono).

## Stereo to Mono



### Features:

- Converts stereo signals in mono
- Master bypass switch
- LCD display
- Stereo component
- Classic vintage design

Use this basic vst plugin to check you stereo mixes in mono (some clubs/radios are still playing in mono!), the signal's phase coherency and to transform stereo signals in mono.

## WaveScope (version 2.0)



### Features:

- Classic, sci-fi vintage style waveform analyser
- Does not affect or color your sound, just your eyes!
- Gain knob for raising the wave on the display (not the audio level)
- Zoom knob for raising the number of samples shown on the display
- Waveform on display can be paused by clicking on the image
- Master bypass switch for CPU hungry moments
- Back view
- Stereo and mono components
- Classic vintage design



This vst plugin was updated to version 2.0. It is a simple wave analyzer (now up to 4096 samples). If you want to see a real-time waveform of your tracks, separate channels or synthesizers, just insert it there! Feeling a 50's sci-fi movies mad scientist? Insert it on your tracks! Can be CPU hungry on old computers! Remember, it does not affect your sound, just your eyes!!!



## Bonus Effects (only available in TOTAL Pack):

### Space Phaser



#### Features:

- Vintage sound design phaser
- Free run LFO (no sync)
- LFO control (depth, speed)
- Range control (frequency, Q and amount)
- Analog circuitry emulation
- Mix stage (dry/wet)
- Master bypass switch
- Spider eyes level meter (output level)
- Stereo component
- Classic vintage design

This is a vintage sound design phasing effect. With it, you can transform your sounds adding them phasing modulation. As there is no LCD display, you have to use your ears and not your eyes to achieve the desired sound.

## "BUILT FOR WAR" Tuga Pack

This pack is an exclusive vst plugin pack created for a Portuguese forum. It consists in 4 DSP processors and one virtual analogue valve synthesizer. All share the same basic military GUI design style. This pack was extended (now includes the Distortion, HPF and Eq mono versions) and is available again but only for TOTAL Pack buyers.

### Tuga Bass Bus



#### Features:

- Transparent 6dB filter acting as "mono bellow/stereo above" crossover
- Stereo wideness control (does not affect the mono signal)
- Output amplifier (+/- 15 dB) with limiter
- Master bypass switch
- Low CPU usage
- Spider eyes meters for output level
- Triple LCD display
- Stereo component
- Classic military vintage design

This is a portuguese vst classic! Use it on your bass mix bus or simply use it on individual bass sounds as its CPU usage is so low! With it you are able to set a frequency where bellow is mono and above is stereo. You can also use it to wide your bass stereo image. Another possible usage is to act as a vintage sounding limiter! Simple, effective and, above all, very transparent!

## Tuga Distortion



### Features:

- Exclusive algorithm inspired in the D'n'B new school reece sound
- Output amplifier (+/- 15 dB) with limiter
- Master bypass switch
- Low CPU usage
- Spider eyes meters for output level
- Dual LCD display
- Mono and stereo components
- Classic military vintage design

This distortion effect is inspired in the new Drum 'n' Bass raw sounds! It works quite well on the low/mid frequencies and it is ready for the midrange invasion style! The exclusive DSP algorithm allows sounds to be driven from very softly to nasty, as you desire! Very low CPU usage!

## Tuga HPF



### Features:

- Transparent hi-pass filter (20 Hz to 20 KHz)
- From 6dB/octave to 30 dB/octave
- Master bypass switch
- Low CPU usage
- LCD display
- Mono and stereo components
- Classic military vintage design

Use this transparent sounding plugin to get rid of the low frequencies on sounds/recordings where they are not desirable! With a maximum slope of 30dB per octave, you have full control on the frequencies you want to cut, leaving only the frequencies you wish.

## Tuga Eq



### Features:

- 5 Bands equalizer
- Input amplifier (+/- 12 dB)
- Band 1 works in peak or hi-pass filter modes
- Band 5 works in peak or low-pass filter modes
- Bands 2, 3 and 4 work in peak mode only
- Each peak band has frequency (20 Hz - 20 KHz), gain (+/- 12 dB) and Q controls
- Each band can be switched off
- Output amplifier (+/- 12 dB) with limiter
- Master bypass switch
- Low CPU usage
- 7 LCD displays

- Mono and stereo components

- Classic military vintage design

This vst plugin is a classic 5 band equalizer. You can also use it as a 3 band equalizer with LP and HP filters. Remember, if you plan to use positive gain values in the eq, use first the input amplifier to reduce the incoming signal in order to get higher headroom. Use the output amplifier to recover any loss of signal level due to the cut in the bands gain. Mono and stereo versions!

## Freebies:

### Arsenal Compressor LE



#### Features:

- Vintage style compression
- Input amplifier
- Fixed threshold (-25 dB)
- Side-Chain HPF and LPF (for processing only the desired frequencies) with bypass switch
- M/S Processing (mix dry/wet of Mid and Sides signals separately and/or adjust their gain by +/- 6 dB) with bypass switch
- Extensive monitor section: input, output, side-chain, mid or sides
- Output amplifier with limiter
- Master bypass switch
- VU meters for output, input, M/S, side-chain and gain reduction level
- LCD display

- Stereo component
- Back view
- Classic vintage design
- Direct web link to the ourafilmes site



Use this effect to process any sound that needs dynamic processing. Use the side-chain feature to process only certain frequencies, leaving the other frequencies unprocessed. And last but not least, with the M/S feature, you can process dynamically only the center, the sides or even achieve parallel compression (50/50) on sides and/or center!



## Sideral



### Features:

- Free version of the Central Station plugin – available in [www.ourafilmes.com](http://www.ourafilmes.com)
- M/S processor (Sides only – in red in the meter)
- Sides amplifier (+/- 6 dB)
- Output limiter
- M/S meter
- Master bypass switch
- Dual spider eyes meters (for input and output level)
- Stereo component
- Classic vintage design
- Back view



Created when I was recently studying and researching on phase problems in surround recordings and sound processing techniques based on phase, this free plugin is very useful. It divides sound in Center and Sides (or Mid/Sides=MS). With it, you can control the Sides level between -6 and +6 dB. This effect is 100% transparent and allows you to: add/remove ambience, presence and /or reverb from stereo recordings; stereo field control; sound design; noise reduction/restoration and you can even use it on home mastering. On individual channels, you should use it for processing sounds that have phase problems (but where you want to keep the original characteristics) by slightly altering the signal by just 1 or 2 dB. Note that, despite of the central meter shows both (Center and Sides), with this plugin, you can only control the Sides level (in red in the meter).

Remember: Sideral is the free version of the Central Station plugin!



## Synthesizers (only available in the Synths Pack):

### Lusus 3



#### Features:

- (R)Evolution of the Lusus synthesizer concept
- Now up to 24 voices
- Analog/phat modes (the new analogue mode has its own amount control knob)
- MIDI channel control (1 to 5)
- Glide (only in mono - 1 voice)
- New keyboard playing modes: free/hold (only in mono - 1 voice)
- New pitch/fine controls for all oscillators
- New 2 dual voice analogue oscillators with phase (PWM if square wave is chosen) and detune control (appears as "phat")

-2 digital oscillators (you draw the waveform) with new morph control between both oscillators (oscillator 3 plays the morphed wave)

-Independent gain control for each oscillator

-2 new Ring modulation stages (oscillators 1-2 and oscillators 3-4)

-New Sub oscillator (pitch is linked to oscillator 1)

-New Noise generator

-Improved 12/24 dB multi-filter with new feedback control (in the output stage) and new inverted envelope mode

-2 new free run/sync LFOs (with retrigger switch) – each LFO has now 3 different but simultaneous destinations

-Ouradrive stage

-New sync/free run stereo delay – the right side is always relative to left side (+/- 50%)

-New stereo chorus (has lost the feedback control knob)

-Output amplifier with new pan and wideness controls

-Output limiter

-Master bypass switch

-Spider eyes level meter (for output level)

-Improved LCD display

-99 presets (67 are new)

-Stereo component

-Classic vintage design

(Re)Created when I had some spare time in air flights and/or while waiting in the airport, this synthesizer became a small monster. It has seen so many new features but without losing the free version 1 raw sound (version 2 is exclusive to the TOTAL Pack). With its 2 new dual analog oscillators, you can detune the 2 waves on each analog oscillator getting an extra phatness unreachable in the free version. With new LFOs, stereo delay, stereo chorus, improved filter (with feedback), sync features, you can easily program new rich, phat and lush sounds!

## Rufius (version 1.1)



### Features:

- Updated version from the original "BUILT FOR WAR" Tuga Pack instrument
- Bass valve synthesizer
- 6 valve stages (mixer + master volume)
- Monophonic – 1 voice only
- 2 keyboard playing modes (free/hold)
- Glide (with on/off switch)
- 2 analogue oscillators (sawtooth and/or square waves) with sub-oscillators
- Pulse Width Modulation (on square waves only)

- Ring modulation
- Noise generator
- Classic 24 dB low pass filter
- 2 envelopes (1 for the amplifier and 1 for the filter)
- 2 free run/sync LFOs with 5 analog waveforms, 5 possible destinations each and retrigger switch
- Analog circuitry with amount control
- Stereo Chorus (with 3 modes and hi-pass filter)
- Distortion (2 modes)
- Output amplifier with limiter
- Graphic valve in the output stage
- Master bypass switch
- Dual LCD display
- Spider eyes level meter (output level)
- Spider eye LFOs meter
- 32 presets
- Stereo component
- Classic military vintage design

Created inside the "BUILT FOR WAR" Collection, exclusive for a Portuguese forum, this is a virtual analogue valve bass synthesizer. As a bass machine, it is monophonic and includes a special version of the exclusive Mad Dog 24 dB LP Filter (that was tuned for bass sounds). It sports 2 fast envelopes and 2 free/sync LFOs (with retrigger). It also delivers powerful effects (distortion and chorus) to enrich the bass sound. The chorus effect includes a hi-pass filter to ensure that only the mid/high frequencies are processed, keeping the low frequencies in mono. It also shares the same basic military GUI design style as the vst effects of the vst collection. This synthesizer is available now in the Synths Pack.

Note: this is an improved version of the original Rufius synthesizer that was included in the original collection for the Portuguese forum. The PWM function was improved in this

version 1.1 and the version 1.0 did not include the dedicated filter envelope neither the second LFO but graphic valves instead (GUI).

Version 1.0 picture



There are demos available!

Check out [www.ourafilmes.com](http://www.ourafilmes.com)!

Have fun with it !!!

Cheers from Porto, Portugal!