



# Processor ADSP-26



The ADSP-26 is the AudioFocus state of the art digital processor. With only one rack unit (1RU) it integrates the latest technologies and combines advanced EQ, filter, compressor/limiter and delay functions. Therefore it will enable professionals to reach optimal performances of their sound systems and a quick setup. Thanks to its 16 internal Presets. This processor can be protected by password to secure user's settings.

L'ADSP-26 est un processeur numérique particulièrement performant et polyvalent. Avec seulement 1 RU, il intègre les dernières technologies en combinant les fonctions d'égaliseur, compresseur/limiteur et délai. Ce processeur permet aux professionnels d'optimiser les performances de leur système audio et une mise en place rapide à l'aide des 16 presets intégrés. Les réglages peuvent être protégés par un mot de passe afin de sécuriser les configurations.

## ADSP-26 AudioFocus 2 INPUTS / 6 OUTPUTS DIGITAL SPEAKER PROCESSOR

- High-end CIRRUS A/D CS5381 and D/A CS4362
- 2 Inputs / 6 Outputs; Matrix routing
- Crossover, EQ, Delay, Phase, Noise gate and Limiter Functions on Each Output
- Crossover slope: 12dB, 18dB, 24dB, 48dB per octave.
- Crossover types: Linkwitz-Riley, Bessel and Butterworth Filters
- 6 bands EQ through output stage. EQ types: parametric, low shelf, high shelf
- Up 7ms maximum delay time for output delay, step 21us
- Full parameters for limiter: attack, release, threshold and hold time
- Full parameters for noise gate: attack, release and threshold
- Polarity reverse control on each output
- 16 user memories, friendly user interface
- Programmable by rear panel, USB
- XLR Audio Connections, Balanced Inputs and Outputs
- 2x20 characters LCD with backlight
- Switch Power Supply: 90~250V

### Technical Specifications

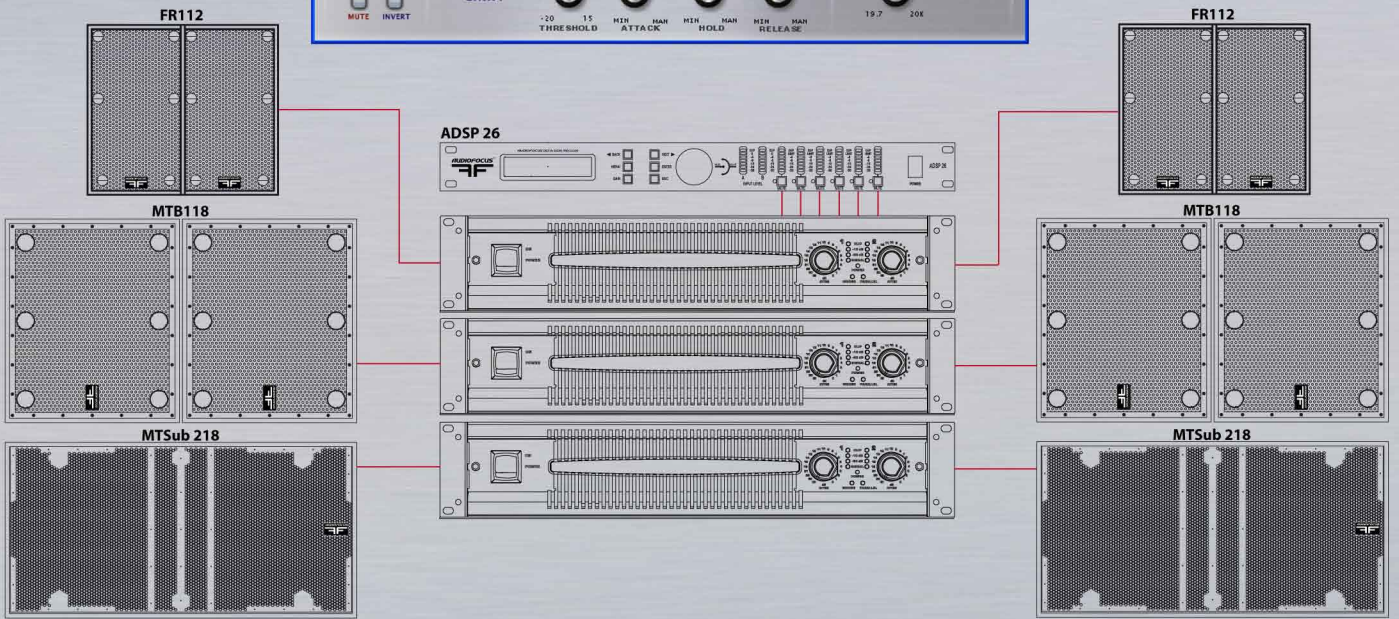
Input	2 channels
Impedance	10k ohms, electronic balanced
CMRR	> 50dB (30Hz + 20kHz)
Output	6 channels
Impedance	< 50 ohms, electronic balanced
Max. output level	Vpp = 4V balance, Vpp = 7.6V unbalance
Frequency response	20Hz - 20kHz
Dynamic range	
Distortion	0.005% (THD)
Max. delay time	7ms
Output gain	-40dB +6dB +/- 0.5dB
Input gain	-40dB +6dB +/- 0.5dB
PEQ	
Filter	
Gain	+/- 12dB step: 1dB
Center frequency	20Hz - 20kHz, 31 pcs ISO frequency
Q value	0.5 - 10. total 11 options
Shelving	
Lo-shelf	20Hz-1kHz
Hi-shelf	1kHz - 20kHz
Shelf gain	+/- 12dB in 1dB steps
HPF & LPF	
Filter	
Frequency (HP)	<10Hz - 16kHz
Frequency (LP)	35Hz - 22kHz
Response curve	Butterworth 6dB, 12dB, 18dB, 24dB, 48dB Bessel 12dB, 18dB, 24dB, 48dB Linkwitz - Riley 24dB, 48dB
Limiter	
Threshold	-20 - + 15dB
Attack time	1 - 100ms
Hold time	0-100ms
Decay time	10-1000ms
LCD display	2x20
Input level indicator	-30dB, -24dB, -12dB, -6dB, 0dB, clip
Output level indicator	-30dB, -24dB, -12dB, -6dB, 0dB, clip
Input	XLR-3F
Output	XLR-3M
Voltage	90V-250V AC
Weight	3.6kg
Dimensions	482mmx158mmx45mm

### Software main menu





### Setup example



ADSP-26 is able to manage 2In/6Out configurations such as described here before. Perfect delay, EQ, compressor/limiter can be achieved to optimize multi way audio systems. ADSP-26 can be computer controlled thanks to the very useful included software (USB port).

