



ADAM
PROFESSIONAL AUDIO

F-SERIES

Catalog 04/2013 | English



Professional Audio

Home Audio

Multimedia



THE F-SERIES

PROFESSIONAL MONITORING FOR EVERYONE

For music lovers, musicians and first and foremost for sound engineers and producers, good speakers should be like good friends. At best they are sincere and would not hide anything from you. In recording or mixing sessions it is vital to hear the slightest shade within the sound in order to be able to make adjustments. Only with that you will be able to record that perfect take or create the perfect mix.

We at ADAM Audio are committed to loudspeakers that are capable of reproducing recordings clearly and precisely. Since the company's founding year in 1999 we have produced a number of monitors that have been highly praised worldwide by well-known producers and recording engineers. Awards and excellent magazine reviews underscore the innovative sound characteristics of our monitors. The element mainly responsible for the natural sound of ADAM loudspeakers is our proprietary X-ART tweeter. Handmade in Berlin, Germany, it performs with a nearly flat frequency response reaching up to 50 kHz.

The new F series, consisting of the two active nearfield monitors F5 and F7 and a dedicated subwoofer, the SubF, is designed in the continuing tradition of the legendary ADAM professional monitors. The aim is to focus on the essence of a monitor, i.e. precise and natural sound reproduction at a new, lower price point.

With the new F series you are able to have the same great tools the world's best producers and mastering experts rely on for their daily studio work. The extraordinary clarity of the X-ART tweeter paired with the powerful bass reproduction of the woofer make these speakers very attractive for a number of applications. Be it an expressive monitor in your home recording studio or on your desktop, the new F series is an ideal entry to the world of Pro Audio.

PROFESSIONAL MONITORING WITH THE **F5** AND **F7** SPEAKERS

ADAM's F series offers all the features you want to see in a professional studio monitor. A broad frequency range (52Hz - 50kHz for the F5 and 44Hz - 50kHz for the F7) plus comprehensive control. Both models are equipped with a Room Equalizer for high (> 5kHz) and low (< 300 Hz) frequencies and an overall volume control on the rear panel. A high pass filter (to be used in conjunction with a subwoofer) and XLR/TRS/RCA inputs complete the professional functions of the F5 and F7.

Both monitors are driven by two A/B class amplifiers with 50W RMS / 70W Music for the F5 and 100W RMS / 140W Music for the F7. This helps both monitors to provide a vibrant, deep bass and a maximum SPL of 106dB (F5) and 109dB (F7) per pair. The reproduction of dynamically challenging tracks should not be a problem with these powerhouses.



Technical data **F5**

- X-ART tweeter
- 5" Low/Midrange woofer
- 25W (RMS) / 35W (Music) class A/B amp (tweeter)
- 25W (RMS) / 35W (Music) class A/B amp (Low/Midrange)
- automatic Standby-circuit
- volume control
- shelving filters (> 5kHz and < 300Hz)
- frequency range: 52Hz - 50kHz
- XLR/TRS combo + RCA input connectors
- 106dB max peak SPL per pair



Technical data **F7**

- X-ART tweeter
- 7" Low/Midrange woofer
- 40W (RMS) / 55W (Music) class A/B amp (tweeter)
- 60W (RMS) / 85W (Music) class A/B amp (Low/Midrange)
- automatic Stand-by-circuit
- volume control
- 2 shelving filters (> 5kHz and < 300Hz)
- frequency range: 44Hz - 50kHz
- XLR/TRS combo + RCA input connectors
- 109dB max peak SPL per pair



THE SUBWOOFER

SubF



For most modern/urban musical genres a hefty portion of bass is quite typical. In order to be able to work accurately, an extension of the lower frequencies is required from time to time as the mixing of a song's low end can be critical. The SubF has been designed to be the perfect match for the F5 and F7 nearfield monitors. This subwoofer is capable of extending the frequency range down to 30Hz.

The robust 8" woofer with a 1.5" voice coil is driven by a 110W (RMS) / 150W (Music) PWM amplifier. These components combine high efficiency with low heat generation and are very capable of handling maximum sound pressure levels over longer time periods.

Several controls on the rear panel of the subwoofer allow adjustments to your needs. Besides the volume control (∞ to +6dB) and a phase reverse switch you have the option to adjust the crossover frequency.



Technical data SubF

- 8" carbon/paper woofer
- 110W (RMS) / 150W (Music), PWM amplification
- automatic Stand-by-circuit
- controls for volume, crossover frequency, phase
- frequency range: 30Hz - 50/120Hz
- XLR/TRS combo + RCA input connectors
- 2 x XLR (stereo) output connectors
- 110dB max peak SPL



ADAM TECHNOLOGY

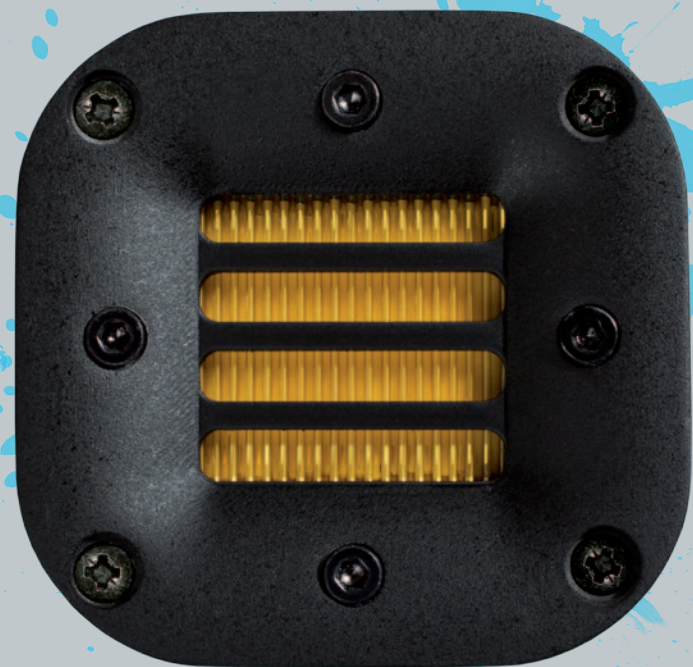
THE X-ART-TWEETER



HIGH-TECH BORROWED FROM OUR RANGE OF PROFESSIONAL STUDIO MONITORS

In the course of the design process of the F series we have put special focus on the X-ART tweeter. Handmade in our Berlin factory, these tweeters play a crucial role for what we call the “ADAM Sound”, which had been described since our early years as clear and rich in detail in countless reviews. The X-ART technology breaks new ground when it comes to transducing electrical audio signals into actual sound. The X-ART tweeter membrane consists of a pleated diaphragm in which the folds compress and expand according to the audio signal applied to them. The result is that air is drawn in and squeezed out, like the bellows of an accordion.

Due to the pleated diaphragm, the X-ART concept improves air loading by a factor of 4 over conventional transducers. Similar to human breathing, where the thorax is moving slowly but the air is moving comparably fast, the X-ART diaphragm presses the air faster in or out of its folds than they themselves are moving. That's the secret that makes the clarity and accurate transient reproduction possible in our X-ART drivers.



WOOFER & CABINET

BOLD AND CRISP: THE LOW/MIDRANGE WOOFER

The F series woofers are extremely light but at the same time phenomenally stiff and rigid which helps to eliminate elongation and other kinds of distortion. This design helps the Low/Midrange woofers deliver crucial mid-frequencies distinctly and a tight punchy bass in the deep registers as well. The F5 is driven by a 5" woofer with a 1" voice coil and the F7 model has a 7" woofer with a 1.5" voice coil for an impressive sound experience.

PERFECT CABINET ACOUSTICS

All models of the F series are built with specially designed MDF-cabinets that feature tapered corners to help eliminating diffraction. The low-vibration enclosure itself is extremely sturdy and prevents self-resonances from the monitor. This helps the sound spread into your room evenly. We also put an extra-wide bass port in the front of the monitor in order to remove any annoying port noise. This way the monitors can be placed near walls without sacrificing sound.



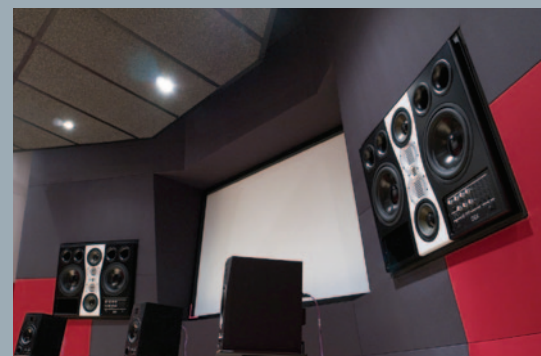
ADAM PROFESSIONAL AUDIO IN THE FIELD



Recording and film studios, broadcasting companies and musicians/producers worldwide rely on loudspeakers from ADAM Audio.



Studio 52 - Australia



Liberty Studios - Canada



House of Glass - Italy



Fayez AlSaeed Sound - Dubai



Radio Canada Studio 12 - Canada



Blade Studios - USA

THE COMPANY

ADAM Audio is a leading manufacturer of loudspeakers in Pro Audio as well as in the HIFI market. Founded 1999 in Berlin, Germany, the company's loudspeakers have set high standards around the world when it comes to precise monitoring and natural sound reproduction. The widely varied product lineup of the owner-operated company spans from professional studio monitors (SX, AX, and F series), to Multimedia and Home Theater/Installation loudspeakers (ARTist and GTC range) to the highend home entertainment models (Classic and Tensor series). The trademark all ADAM models have in common is the proprietary X-ART tweeter. Handmade in Berlin, Germany, it performs with a nearly flat frequency response reaching up to 50 kHz.

ADAM Audio has 70 employees at the Berlin factory and is represented worldwide through a network of distributors and dealers in more than 75 countries. ADAM has local branches in the USA (NYC), the United Kingdom (London) and China (Beijing). A growing number of the most famous and prestigious studios around the world own and use ADAM monitors. A wealth of glowing print reviews and a consistent stream of praise across many internet forums regard ADAM monitors as being among the most dependable and desirable audio recording and production tools available.

For further information on ADAM Audio please go to our webpage www.adam-audio.com.



ADAM Audio, Berlin



A7X product line



THE F-SERIES REVIEWED:

"In practice the F5 got us excited from the first minute we had it. The bass response is extraordinary powerful for such a small monitoring system which enables one to evaluate the low end competently. The sound quality leaves many (and also more expensive) competitors behind. Altogether these monitors are an excellent monitoring solution and a clear recommendation not only for beginners." [Beat 04/2013](#)

"The briskness that comes out of these tiny speakers is very exciting. The X-ART tweeter with its extended high frequency range does a perfect job here. The bass response is surprisingly powerful in an utterly unobtrusive way. These monitors offer great sound for little money, a feature one can only recommend!" [Recording, 03/2013](#)

"The F7 has deeper bass, as you'd expected, but the F5 is not shy down low! [...] Regardless of which you choose, both models can do good service in your studio - and with a friendly price tag we're not used to seeing on speakers bearing the ADAM name." [Recording Magazin, 01/2013](#)

"The tweeter delivers a perfectly flat frequency response curve which proves the X-ART tweeter is not only a marketing tool but that it can actually live up to the promises. All in all the frequency response is also exemplarily flat and the transition from the tweeter to the low range has been done very well. [...] In the listening test the F5 is absolutely convincing, particularly in consideration of its size and the price tag." [Sound & Recording, 03/2013](#)

"ADAM has not promised too much [...] we can hear the clarity in the treble that is particularly shaped by the fine resolution and the outstanding transient response of the X-ART tweeter." [professional audio, 02/2013](#)

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