

## AX-Series



The AX-Series from ADAM Audio provides you with a wide range of monitors for different applications. Their excellent price-performance ratio makes them suitable for professional studio applications as well as upscale home recording.

### **Sophisticated design, easy handling**

Many technical innovations in our high end SX-Series are also used in the AX models. The chamfered upper corners of the sturdy cabinet fronts minimize edge diffraction so that phase cancellation is not an issue. The speaker interior is equipped with a special fleece that prevents disturbing internal resonances as well as ensuring a better bass reflex tuning. The power switch and volume control are easily accessible on the front panel for greater ease of use. The front-firing bass ports are very useful as well, allowing the monitors to be set up closer to a wall if need be.

### **Rigid woofer materials**

While the bass/mid woofer of the A3X is made of carbon fiber – an extremely resistant material – the woofers of all other AX models are built using a sandwich construction of woven carbon and glass fiber in conjunction with the synthetic material Rohacell. These three materials vary with respect to their physical density, but used in combination they provide an ultra-lightweight yet extremely rigid material with excellent transient response.

### **The perfect combo: A/B and PWM amplifiers**

All models of the AX-Series feature two discrete amplifiers: an A/B amplifier that functions very quickly within its broad frequency range drives the X-ART tweeter. In the A5X, A7X, A8X and A77X monitors, the bass/mid-range woofers are each driven by powerful and highly efficient pulse-width modulated (PWM) amplifiers that do not require additional heat sinks and are more reliable and durable than other amplifiers.

### **Distinct adjustments to room acoustics**

The 'Tweeter gain' function is a part of each AX monitor's basic configuration and lets you raise or lower the level of the high frequencies by up to 4dB. Beyond that, shelving filters allow further adaptation to room acoustics with the A5X, A7X, A8X and A77X. The low shelf filter allows smooth control of the lower frequencies below 300 Hz from -6 dB to +6 dB, the high shelf EQ is introduced at 2.5 kHz with the same levels from -6 dB to +6 dB.

### **Dynamic high frequency reproduction with the X-ART tweeter**

It goes without saying that all models of the AX-Series are equipped with our X-ART tweeter that is handmade in Berlin. The tweeter works according to our proprietary X-ART principle, based on a slim, pleated foil working as the tweeter's diaphragm. The precise transient response and capability of \_\_\_\_\_

reproducing the finest sonic details make the AX-Series monitors superior working tools.