

Acumen 6A
Active 6" Studio Monitor

Acumen 8A
Active 8" Studio Monitor



Features

- ▶ Long-throw custom-engineered woofer generates stunningly deep bass response
- ▶ 1" silk dome tweeter with neodymium magnet provides highly transparent and airy highs
- ▶ Bi-amplified design provides a total of 98 Watts of power (RMS) for the Acumen 8A and 82 Watts of power (RMS) for the Acumen 6A
- ▶ Reliable and accurate sound signature; true to source material
- ▶ Adjustable HF enhancement circuit onboard
- ▶ Exceptional HF dispersion provides excellent detail and sound stage
- ▶ Magnetic shielding allows placement near other electronic devices
- ▶ Balanced XLR input and 1/4" TRS input, unbalanced RCA input
- ▶ 4th Order active Linkwitz-Riley crossover design
- ▶ Electronic speaker protection prevents transducer damage
- ▶ Voltage switchable between 115VAC and 230VAC
- ▶ Available in Piano Black, Phonic Red or Crystal White

Overview

Acumen provides what professional recording engineers and musicians want: accurate sound reproduction, down to the very last note. Whatever your sound source may be, accurate sound reproduction is fundamental to any great setup. That's where the Acumen comes in. Phonic utilizes three decades of sound engineering experience to create a reliable, fantastic sounding, and crystal clear studio monitor. Through the Acumen, expect to hear all of the subtle details previously hidden from you; and expect to be delighted with the Acumen's rich realism and accuracy.

Real World Adaptability

An anechoic-designed room is the perfect environment for sound engineering gear; the insulated walls help absorb sound reflections. Typical non-anechoic walls or corners will generate sound reflections that exaggerate low-frequency audio, lowering the accuracy of what you hear. Most users can't afford to deck out their studio with high quality sound proofing materials, so the Acumen provides an excellent and flexible solution for overcoming environmental limitations. A HF Trim is available for users to dial in optimal treble response. Moreover, the Acumen protects your other important devices, such as computer hard drives, by including a magnetic shield.

Connection Friendly

Servo-balanced XLR connectors and 1/4" phone jack connectors are pretty standard on professional studio monitors. An RCA connector is also included for increased flexibility. Hook your entertainment devices up to an Acumen high resolution monitor for professional sounding audio.

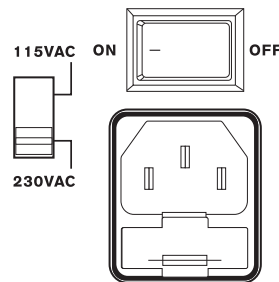
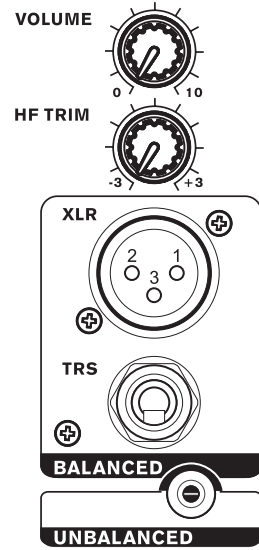
Acumen Series

Active High Resolution Studio Monitors

Controls & Connections

Acumen 6A | Acumen 8A

PHONIC ACUMEN 8A



Specifications

	Acumen 6A	Acumen 8A
Amplifier	Bi-Amplified	Bi-Amplified
High Frequency	35 Watts	42 Watts
Low Frequency	47 Watts	56 Watts
Total Power (RMS)	82 Watts	98 Watts
Total Power (Continuous)	164 Watts	196 Watts
Total Power (Peak)	328 Watts	392 Watts
THD (1kHz)	0.1%	0.1%
Woofers	6"	8"
Woofers Cone Material	Paper Cone	Paper Cone
Tweeters	1"	1"
Tweeter Material	Silk Dome	Silk Dome
Tweeter Magnet	Neodymium	Neodymium
Frequency Response	35Hz - 30kHz	30Hz - 30kHz
Maximum SPL	107 dB	110 dB
Adjustable Controls	HF level adjustment & compensation	HF level adjustment & compensation
Crossover	4th Order L-R active crossover	4th Order L-R active crossover
Crossover Frequency	1.7 kHz	1.7 kHz
Inputs	XLR, 1/4" TRS, RCA	XLR, 1/4" TRS, RCA
Input Impedance	Balanced: 20kohm; Unbalanced: 10kohm	Balanced: 20kohm; Unbalanced: 10kohm
Indicators	Illuminated Phonic Logo (Power On)	Illuminated Phonic Logo (Power On)
Power Requirements	Switchable: 115VAC, 230VAC, 50/60Hz	Switchable: 115VAC, 230VAC, 50/60Hz
Dimensions (H x W x D)	338 x 219 x 259 mm (13.3" x 8.6" x 10.2")	425 x 275 x 300 mm (16.7" x 10.8" x 11.8")
Weight	7.5 kg (16.5 lbs)	10.9 kg (24 lbs)

Information in this document is subject to change without notice.

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Acumen Series Data Sheet 07/02/2015

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