PRO

MONITORS

PRODUCT SPECIFICATION SHEET

TYPE:
STUDIO
MONITORS

SAMSON

PRODUCT
RESOLV A5

DESCRIPTION
ACTIVE STUDIO REFERENCE MONITORS

SERIES
RESOLV

CATEGORY
MONITORS

GENERAL DESCRIPTION

With a complete redesign of the Resolv reference monitors, Samson has combined precise engineering and high-quality components with an elegant new cabinet design, providing extremely accurate monitoring for any recording studio, post-production suite or multimedia application.

Starting with the cabinet, we used a black lacquer finish on the front panel. Inset into this panel is a sleek, time-aligned waveguide for the speaker components, allowing minimum diffraction. We also rounded the inner edge of the tuned low frequency port to reduce turbulence at high listening levels.

Professional features are abundant on our new Resolv series. Their new woven carbon fiber woofers provide tight and controlled low frequency response, while their silk dome tweeters deliver smooth, sweet highs. Cooler operation means no harmonic distortion, so Resolv includes an external heatsink, ferro-fluid cooling and a ventilated ceramic motor structure. We've also included a four-position high frequency lift control for customizing to your mixing room. And of course, Resolv monitors are AV shielded for operation near computers.

The Resolv A5 delivers 70 watts with 50 watts used on the low frequency driver and 20 watts on the tweeter. Its 5-inch woven carbon fiber woofer reduces inner cabinet reflections from passing through the cone material and mixing with the waveform coming off the front of the speaker. The absence of acoustic transfer results in a clean low frequency sound without low frequency smear. The Resolv A5 also employs a 1.25-inch silk dome ferro-fluid tweeter, which gives the high frequencies a true, natural sound without false harmonics that can be created by other types of tweeters.

FEATURES

> Two-way, active studio reference monitor with ported tuned enclosure

> 5-inch woven carbon fiber woofer

> 1.25-inch silk dome tweeter with neodymium magnets, heatsink and ferro-fluid cooling

> Low diffraction waveguide

> Bi-amp power with 50 watts on LF driver and 20 watts on HF driver

> Active crossover utilizing multi-pole design for linear response from bottom to top

> Four-position high frequency lift control

> 1/4-inch balanced inputs and unbalanced RCA inputs

> AV shielded for multimedia applications
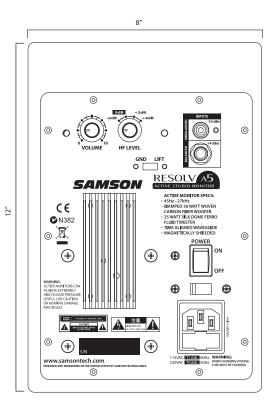
> Solid medium density fiberboard construction

PRODUCT SPECIFICATION SHEET

SERIES	DESCRIPTION	CATEGORY
RESOLV	**ACTIVE STUDIO REFERENCE MONITORS**	**MONITORS**

RESOLV A5

ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The Resolv active studio monitors from Samson shall come in 3 sizes. The A5, A6, and A8. The Resolv A5 shall be bi-amped with 50 watts on the low frequency driver and 20 watts on the high frequency amplifier. The A6 and A8 shall be bi-amped with 75 watts on the low frequency driver and 25 watts on the high frequency driver. All three models shall have a front panel power LED indicators. All three models shall use a 1.25 inch silk dome ferro-fluid cooled tweeter with neodymium magnets. All 3 models shall use a low diffraction waveguide. The Resolv series uses a multi pole active crossover design. The A5, A6, and A8 shall use custom designed woven carbon fiber 5-inch, 6-inch and 8-inch woofers respectively. The rear panels shall have power on/off switches, RCA inputs, balanced ¼ inch inputs, and balanced XLR inputs, volume control, 4 position high frequency adjustment, and power AC input. All three models shall be AV shielded for multimedia use. All three models shall have a piano black lacquer finish.

RESOLV A5 SPECIFICATIONS

Frequency Response	45 Hz - 27 kHz ± 3 dB
Power Rating	Low Frequency: 50 watts RMS High Frequency: 20 watts RMS
Crossover Frequency	2.3 kHz, multi-pole filter
Inputs	Unbalanced: -10 dBv line level; Connector: RCA Balanced: +4 dBu line level; Connector: 1/4-inch phone TRS
Enclosure	Construction: MDF (Medium Density Fiberboard) Finish: Black textured vinyl covering, painted gloss black baffle
Dimensions	8" (w) x 12" (h) x 8.75" (d) 203mm x 305mm x 223mm
Weight	15.25 lbs • 6.9 kg