

## PRODUCT

**RESOLV A6**

## 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 piano 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 A6 delivers 100 watts with 75 watts used on the low frequency driver and 25 watts on the tweeter. Its 6.5-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 A6 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
- > 6.5-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 75 watts on LF driver and 25 watts on HF driver
- > Active crossover utilizing multi-pole design for linear response from bottom to top
- > Four-position high frequency lift control
- > XLR and 1/4-inch balanced inputs and unbalanced RCA inputs
- > AV shielded for multimedia applications
- > Solid medium density fiberboard construction

**PRODUCT SPECIFICATION SHEET**

# RESOLV A6

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**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 1/4 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 A6 SPECIFICATIONS**

- Frequency Response** ..... 40 Hz - 27 kHz ± 3 dB
- Power Rating** ..... Low Frequency: 75 watts RMS  
High Frequency: 25 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,  
Female XLR
- Enclosure**..... Construction: MDF  
(Medium Density Fiberboard)  
Finish: Black textured vinyl covering
- Dimensions**..... 9.25" (w) x 12.75" (h) x 9.85" (d)  
236mm x 324mm x 251mm
- Weight**..... 18 lbs • 8.2 kg

