# isoMike 2008A

# Super Test SACD isoMike

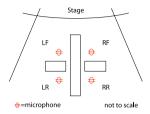
as released by the Italian Magazine Audiophile Sound issue AUD079

#### CAUTION BIG DYNAMICS THIS DISC IS ONLY FOR PROFESSIONAL REVIEW

This Disc Plays On CD Player CD Player SACD Player This Disc Contains CD Stereo SACD Stereo SACD Stereo SACD Stereo DSD

recorded with

### How it works



IsoMike™ ("Isolated Microphones") is an experimental acoustic baffle system, to address the interference of inter-channel sounds that results in compromised fidelity. For these

4-channel recordings, the microphones were suspended on four arms, separated by IsoMike^ ${\tt TM}$  baffles.

Most baffles absorb sound from mid- to highrange frequencies; lower frequencies are more difficult to absorb. Here, the unique shapes of the IsoMike<sup>™</sup> baffles are advantageous. As lower frequencies flow around the heart- or egg -shaped baffles, they are scattered, effectively dissipating their energy.

Eliminating line-of-sight between the microphones seems to lower some fidelity robbing cancellations, this reveals a layer of extreme detail and a sense of increased sensitivity. As such we took great care, therefore, to reduce the noise level within the auditorium during the recordings. Use caution on first playing as some of the tracks do reach nearly 0dB. Several of the tracks might scare the cats!

All recordings were made at a low enough level to assure that no clipping occurred, therefore you may need to raise your volume control more than when playing some commercially available CDs where the volume has been "normalized" and/or compressed.

Since there is NO limiting, the dynamic range might surprise you, your system or your pets. So be VERY cautious the first entire playing so as to not damage amplifiers or speakers.

These tracks contain no gain changes or other such processing, so some tracks will be at a softer or louder level than other tracks. However, the dynamic range within a track is the same as the original live performance.

Small groups may have a performer-to-microphone distance of 10-15 feet, larger groups would have performer-to-microphone distances up to 60 feet. At no time were the microphones in a "close—miked" configuration. All recordings were made at Weber State University(WSU). Performers were students, faculty, staff and guests of WSU. www.weber.edu

## Recording & Mastering Equipment

Recorders: Pyramix DSD Workstation www.merging.com

Sony Sonoma DSD www.superaudiocenter.com

Tascam DV-RA1000 www.tascam.com

Korg MR-1000 www.korg.com

Microphone Preamp: Millennian Media HV-3D custom www.mil-media.com

Microphones: DPA 3529A www.dpamicrophones.com

Sennheiser MKH 8020 www.sennheiserusa.com

#### 5.1 Monitor Controller & Reference Headphone Amplifier:

Grace Design M906 & M902 www.gracedesign.com

Converters: EMM Labs ADC8 MkIV EMM Labs DAC8 MkIV www.emmlabs.com Headphones: HD-650 www.sennheiserusa.com

Monitor Speakers: Lipinski Sound L707 www.lipinskisound.com

Magnepan 20.1 www.magnepan.com

B&W 800D Loudspeakers www.bwspeakers.com

Sound Lab ProStat 922 www.soundlab-speakers.com

Amplifiers: Pass Labs X350.5 www.passlabs.com

Bel Canto REF 1000 Amplifiers www.belcantodesign.com

Bryston 7B SST www.bryston.ca

Cobles: Kimber Kable Select Series www.kimber.com

Diffusers: R1 Roundffusor www.zainea.com



1. Eric Whitacre: Ghost Train/Canvon of Heroes The Troopers Drum and Bugle Corps 4:34 2. Traditional: Amazing Grace The Blue Knights Drum and Bugle Corps 2:40 3 Senza compositore: Marching Band Test 1 Weber State University Marching Band 1:03 4. Senza compositore: Marching Band Test 2 Weber State University Marching Band 1:04 5. Senza compositore: Marching Band Test 3 Weber State University Marching Band 0:36 6. Senza compositore: Drum Solo Students/Weber State University 1:26 7 Doug Bush: Square Push The Blue Knights Drum and Bugle Corps 1:17 8 Jeff Ausdemore: Street Beat The Blue Knights Drum and Bugle Corps 0:52 9. Traditional: WSU Fight Song Weber State University Pep Band 1:07 10. L. van Beethoven: Op. 130 Mov. III Fry Street Quartet 7:05 11. Rachmaninov: Trio Elegiague (estratto) Amelia Piano Trio 5:21 Editing and Mastering

Graemme Brown, Zen Mastering www.zenmastering.net



isoMike







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www.isomike.com

Super Test SACD IsoMike<sup>™</sup> AUD079

12	Ingolf Dahl: Concerti a tre	
	Sonolumina Ensemble	6:04
13	Traditional: Monday Mornin' Blues	
	Joe McQueen	5:06
14	Traditional: Billy Boy	
	WSU Symphonic Band	3:31
15	P.I. Tchaikovsky: Capriccio Italien	
	WSU Symphonic Band	3:21
16	J.S. Bach: Come, Sweet Death	
	WSU Concert Choir	3:16
17	J.S. Bach: Suite per violoncello n.4	
	Dr. Vicktor Uzur, cello	2:44
18	Alfredo Piatti: Capriccio n.10	
	Dr. Vicktor Uzur, cello	3:25
19	Stephen F. Lyman: Solitaire	
	Stephen F. Lyman, chitarra	3:31
20	W.A. Mozart: Fantasy in c minor	
	for piano (estratto)	
	Robert Silverman, pianoforte	13:30
21	W.A. Mozart: Sonata n.9 in D major,	
	K.311, Mov. III (estratto)	
	Robert Silverman, pianoforte	6:38
		TT: 79'23"
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#### **Recording Engineers**

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logos are trademarkd of Sony Corporation. IsoMike is a

DSD

Graemme Brown, Ray Kimber, Aaron Hubbard, Nathan Call. CJ Johnson, and Gavin McKenna

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SACD Surround (4-Channel) SACD Stereo · CD Audio

Joe McQueen and Friends disc

Tracks 17 and 18 will be found on the upcoming Vicktor Uzur disc

> Track 19 will be found on the upcoming Steve Lyman disc

> > Tracks 20 and 21 will be found on the upcoming Robert Silverman disc

Tracks 1, 2, 7, 8, and 9 will be found on the upcoming High Altitude Drums disc

Tracks 3, 4, 5, and 15 are found on IsoMike Tests 2005A disc

Track 6 is found on the IsoMike Tests 2005B disc

Track 10 is found on the Fry Street Quartet Beethoven Op.18#4, Op. 130 & Op. 133 disc

Track 11 will be found on the upcoming Amelia Trio disc

Tracks 12, 14, and 16 are found on the IsoMike Tests 2007B disc

Track 12 is found on the

Sonolumina Ensemble disc

Track 13 is found on the

Super <sup>-</sup>

Σ soMike<sup>⊤</sup>