



TRISTAN PERICH RESUMÉ

In all his creative activities, Tristan Perich is inspired by the aesthetics of math and physics, and works with simple forms and complex systems. The challenge of elegance provokes his work in acoustic and electronic music, and physical and digital art.

The WIRE Magazine describes his compositions as “an austere meeting of electronic and organic.” His works for soloist, ensemble and orchestra have been performed nationally and abroad by ensembles including Bang on a Can (2008 People’s Commissioning Fund), counter)induction, Calder Quartet, New York Miniaturist Ensemble, Due East, Y Trio, Hunter-Gatherer and Ensemble Pamplemousse at venues from the Whitney Museum, P.S.1, Chelsea Art Museum, Mass MoCA, Merkin Hall, the Stone, Joe’s Pub and Issue Project Room to Los Angeles’ Zipper Hall.

In 2004 he began work on *1-Bit Music* to experiment with the foundations of electronic sound, culminating in a physical “album,” a music-generating circuit packaged inside a standard CD jewel case, which has been released by Cantaloupe Music. The Village Voice calls the device “technology and aesthetic rolled into one” and Surface Magazine calls the *1-Bit Music* boxes “profound throwbacks to the traditional album, a response to the intangibility of iTunes and mp3s in the form hand-held artwork.” Working with 1-bit music profoundly influenced his music for acoustic ensembles, resulting in dual works for musicians with 1-bit music accompaniment, pairing the performers with on-stage speakers, each physically capturing a single voice from the electronic side

of the composition. His new circuit album, *1-Bit Symphony*, is a long-form electronic composition in five movements. Its music explores the intricate, polyphonic potential of 1-bit audio, uniting simple with complex and celebrating the virtuosity of electricity.

His experimental music group, the Loud Objects (with Kunal Gupta and Katie Shima), perform electronic music by soldering their own noise-making circuits, live, from scratch in front of the audience, often on top of an old overhead projector to render transparent the meaning of their physical gestures. They have performed in Germany (Art and Music with the Overhead Projector), Japan, Italy (Screen Music 2), Norway (Piksel), England (Evolution), Iceland (Pikslaverk), Sweden (Art of the Overhead), Denmark and the USA (including at the NIME, Bent and Blip festivals).

In 2009, Austria's Prix Ars Electronica awarded him the Award of Distinction for his composition *Active Field* (for ten violins and ten-channel 1-bit music). Rhizome awarded him a 2010 commission for an audio installation with 1,500 speakers. Perich attended the first Bang on a Can Summer Institute in 2002, where his music was performed in the galleries at Mass MoCA. He was artist in residence at Issue Project Room during Fall, 2008 and will be artist in residence in 2010 at Mikrogalleriet in Copenhagen and at Phillips Academy in Andover, MA. He has spoken about his work and taught workshops around the world.

As a visual artist, Perich had a solo exhibition at bitforms gallery in 2009. Perich creates pen-on-paper drawings made by machine. Like his work with 1-bit media, these machine drawings, described as "elegantly delicate" by BOMB Magazine, unite the electronic with the physical, expressing digital process in traditional media. Order and randomness are brought to life within Perich's compositional frameworks, delicately executed by his minimal drawing machine. The machine drawings were showcased in the 2005 book "Makers," and have been shown in group shows at the Dactyl Foundation, ABC No Rio, the Philoctetes Center, and Greylock Arts. His other visual projects, such as *1-Bit Video*, continue to push his concepts in new directions.

Perich studied math, music and computer science at Columbia University after attending Philips Academy, Andover. More recently, he studied art, music and electronics at Interactive Telecommunications Program at Tisch School of the Arts, NYU.

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SELECTED PERFORMANCES/TALKS:

- Joe's Pub, New York (2009)
- Trinitatis Church, Copenhagen, Denmark (2009)
- MATA Interval, New York (2009)
- The Stone, New York (2009)
- Chelsea Art Museum, New York (2009)
- Floating Points Festival, Issue Project Room, New York (2008)
- Loud Objects at Evolution, UK – (2008)
- Whitney Museum of American Art, New York (2008)
- Bang on a Can People's Commissioning Fund, Merkin Hall, New York (2008)
- Loud Objects at Píksel, Bergen, Norway (2007, 2008)
- Loud Objects at Screen Music 2, Italy (2007)
- Amoeba Records, Los Angeles (2007)
- Loud Objects at Art & Music with the Overhead Projector, Germany (2007)
- P.S.1. Contemporary Art Center, New York (2007)
- Loud Objects at NIME, New York (2007)
- Master's Recital at Tenri Cultural Institute, New York (2007)
- Chelsea Art Museum, New York (2007)
- St. Paul's Chapel, Columbia University, New York (2006)
- Dorkbot presentation, New York (2005)
- Thesis Recital at Columbia University, New York (2004)
- Dorkbot presentation, New York (2003)

SELECTED EXHIBITIONS:

- 1-Bit Symphony at bitforms gallery, New York, NY (2009)
- Eighteen Linear Constructions (1-Bit Video) at Issue Project Room, Brooklyn, NY (2009)
- 1-Bit Music at "Art and Science", series of Arkansas science museums (2009-2011)
- Loud Objects in "Code Dreams", LydGalleriet, Bergen, Norway (2008)
- 1-Bit Music in Headphones Show, Abrons Art Center, New York (2008)
- Machine Drawings in "Algorithmic Art", Greylock Arts, Adams, MA (2008)
- Machine Drawings in "Common Denominator", ABC No Rio, New York (2008)
- Machine Drawings in Pattern Recognition, Philoctetes Center, New York (2006)
- Machine Drawings at Bushwick Art Project, 3rd Ward, Brooklyn, NY (2006)
- Machine Drawings at 39 Troy, Providence (2005)
- CubeScreen in Listening in the Sound Kitchen, Princeton University, Princeton, NJ (2003)

SELECTED COMPOSITIONS:

- *Impulse Manifold* (2008) for fifteen-channel 1-bit music
- *Between the Silences* (2008) for nine strings, nine-channel 1-bit music
- *Observations* (2008) for two sets of crotales, 6-channel 1-bit music
- *All Possible Paths* (2008) (commissioned by the Bang on a Can People's Commissioning Fund)
- *J'ai quand même une tête bizarre* (2007) for clarinet, violin, cello
- *Telescope* (2007) for two bass clarinets, two baritone saxophones, 4-channel 1-bit music
- *Active Field* (2007) for ten violins, 10-channel 1-bit music
- *I am not without my eyes open* (2005) for string orchestra and organ
- *Perhaps* (2003) for bass clarinet and piano
- *Duet* (2002) for piano duet
- *In a Station of the Metro* (1998) for three voices, violin, cello, piano

SELECTED ARTWORK:

- *1-Bit Video* (2006-) low-resolution black and white video-generating circuits for cathode ray tube
- *Machine Drawings* (2005-) pen-on-paper drawings by hand-built machine exploring randomness and order
- *1-Bit Music* (2004-2005) album of electronic music on a circuit programmed and packaged inside a CD jewel case
- *Portable Telephone* (2004) rewired cellular and landline telephone
- *Linear, Crossed* (2003-2005) motor animation
- *Cubescreeen* (2003) low-resolution three-dimensional screen, fiber optics, computer

AWARDS/COMMISSIONS/RESIDENCIES:

- Artist in Residence, Phillips Academy, Andover, MA (2010)
- Artist in Residence, Mikrogalleriet, Copenhagen, Denmark (Spring 2010)
- Prix Ars Electronica: Award of Distinction (2009)
- Artist in Residence, Issue Project Room, Brooklyn, NY (Fall 2008)
- Bang on a Can commission, (2008)
- Bang on a Can Summer Institute (2002)

EDUCATION:

- M.P.S. Interactive Telecommunications at NYU/Tisch, 2007
- B.A. Columbia University, 2004
- High school: Phillips Academy, Andover, 2000