

4-ZONE CV BUS CASE
SPECTRAPHON
MORPHAGENE
MIMEOPHON
QPAS
DXG
X-PAN
PRSPNT
RENE
TEMPI
WOGGLEBUG
& TWO MATHS!

THE RESYNTHESIZER

Our newest 7U System, The ReSynthesizer is the result of 8 years' worth of Make Noise module design, housed in our extremely durable 4 Zone CV Bus Case.

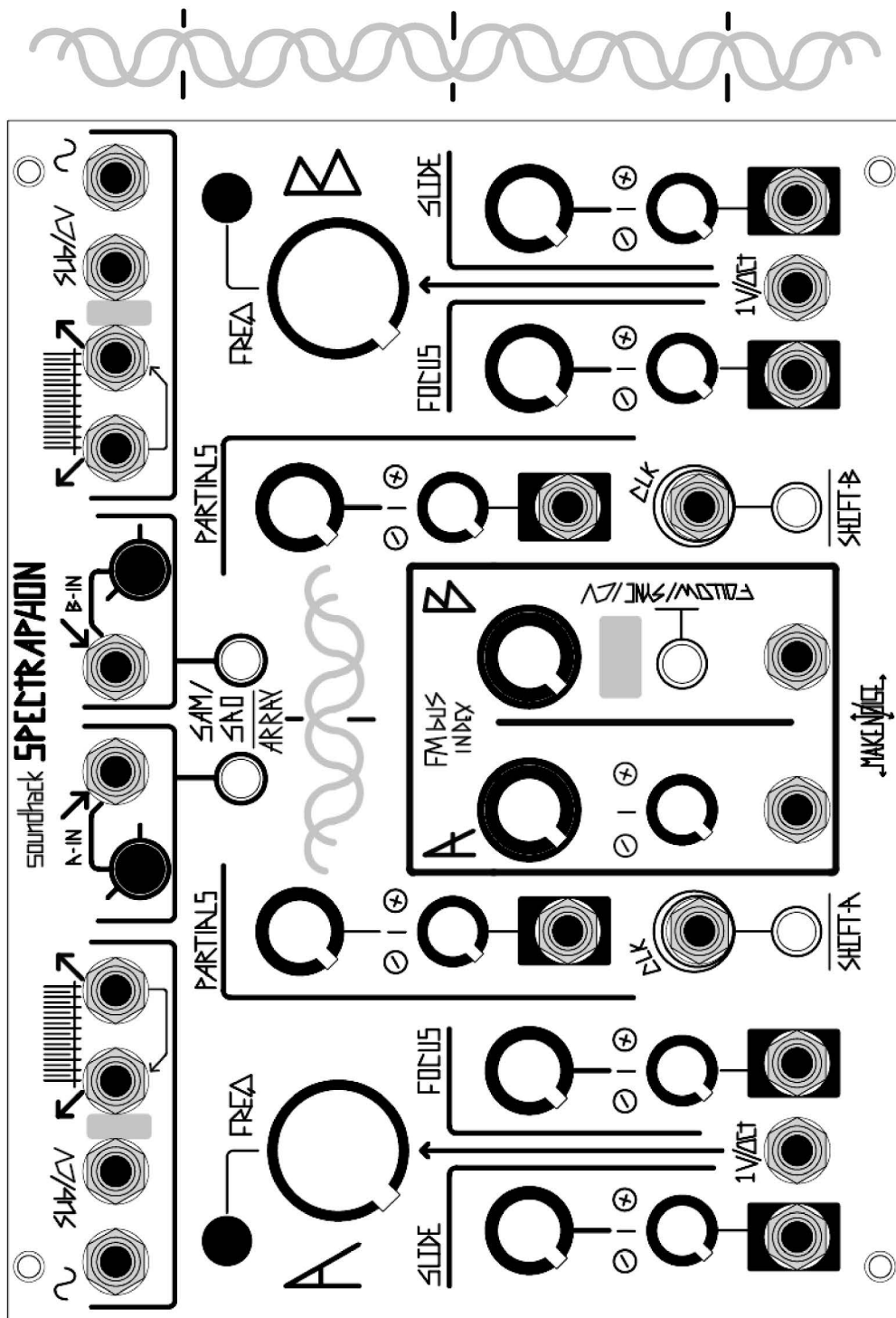
The ReSynthesizer was designed to explore the unfound sounds, providing tools for Voltage Controlled Spectral Analysis/Resynthesis/Noise Generation (Spectraphon), Voltage Controlled Stereo Granularization (Morphagene), Voltage Controlled Multi-Mode Multi-Peak Stereo Filtering (QPAS) and more!

Specifications:

Two rows of 104HP, plus the 1U CV Bus
+12VDC @ 4A, -12VDC @ 2.4A and +5VDC @ 1A
Meets carry-on luggage size requirements for most airlines!

The ReSynthesizer is available now from Make Noise dealers worldwide!

Special price: \$4599



NEW SPECTRAPHON FIRMWARE!

To celebrate the launch of the ReSynthesizer, we released a new Spectraphon firmware (sp67), which can be downloaded from our website.

This new firmware adds the following features:

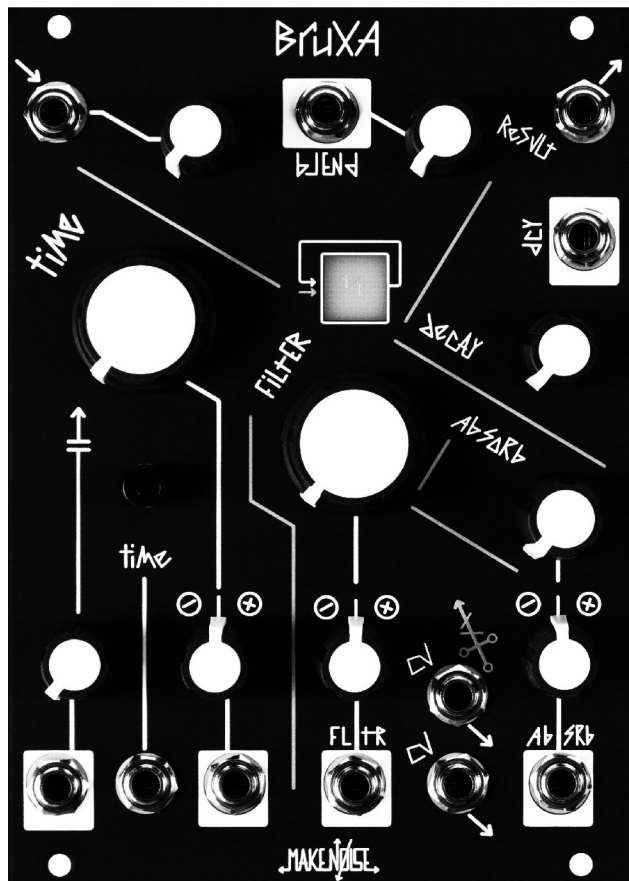
1. Linear Array Modulation! In SAO, the Slide parameter now selects from all spectra in the Array in a linear fashion. The Focus control is used for spectral compression/expansion.

The original Planar Modulation style is still available. To access, while in SAO hold SHIFT for 2 seconds without pressing any other buttons. This operation is per-Side.

2. New Ramp LFO Shape on Sub/CV Outputs. Select shapes by hold Shift + Press CV on the Side you're selecting for. Ramp is useful for Linear Array Modulation (patch to Slide with attenuverter set north of midnight) and plenty of other uses.

3. CV output LFOs' minimum clock rate increased to 8 seconds, via tap tempo on Shift button, or clock input.

Head to our website and install sp67 today! The latest firmware for all of our modules can be found at:
<https://www.makenoisemusic.com/firmware/>



This October we shipped

BRUXA

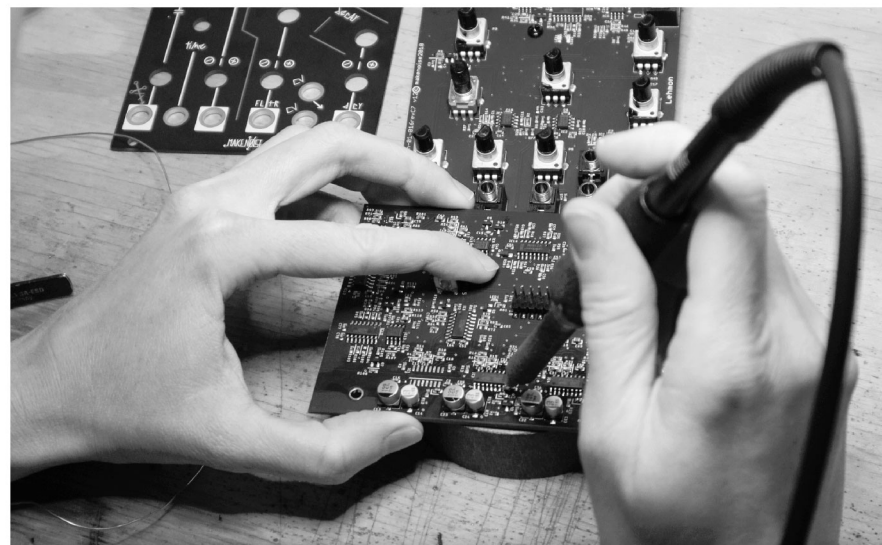
a Special Release module

The Bruxa music synthesizer module is an audio alchemical experiment. Spill your sound into time, and let it decay through the filters to hear the results.

Please contact your favorite Eurorack dealer for details and availability.

Bruxa is a collaboration between Make Noise and Alessandro Cortini. Inspired by Cortini's music and sonic experimentations, Bruxa embodies the seen and unseen, the sign and magic, the alchemy of sound. It is a new evolution of Tony and Alessandro's original prototype circuits which eventually became the Strega's Time/Filter Experiment. It is a multi-tap delay line with over a dozen unique feedback paths and multiple filters within those feedback paths aligned to allow for accumulation of noise, saturation and signal degradation.

While Strega is a complete synthesizer in a tabletop form factor, Bruxa is a Eurorack module designed to be used as one part of a Eurorack modular synthesizer. You will discover a number of differences in layout, signals, and sound. Living inside the Eurorack modular system, Bruxa encourages you to patch your own sound and modulation sources, yielding results surprisingly distinct from Strega.



MEG SOLDERING THE BRUXA PROTOTYPE

To learn all about the history of Bruxa, be sure to check out the "In Conversation: Tony Rolando and Alessandro Cortini Discuss Bruxa's Development" video on our YouTube channel!



TONY and ALESSANDRO WORKING ON THE BRUXA PROTOTYPE

Supporting Asheville Area Artists After Helene

I've been volunteer reviewing artist grant applications, reading people's stories of impact, scrolling through pictures of their floating yarn, submerged instruments, overturned kilns, and muddied paintings. Their images contain the collective grief of our region. We are inside of a giant heartbreak.

I review the applications as quickly as I can, knowing that the sooner I get to it, the faster the checks can be cut. The process is painful. These are not strangers I am reading about. If they were, it would still hurt. But I know many of them. One we saw perform a week before the storm. We bought her tape. A few days ago, I made a salad in a bowl formed by another's bare hands. They held the clay that provided us nourishment. Now, it's crucial to provide them with a little support.

75 artist applications are in a batch, and I aim to finish each batch in a day on top of what I need to do, which includes things like driving to my friends' place to shower, going to the cancer center for treatment, paying bills for Make Noise, boiling potable water to hand wash dishes, and writing so that my heart doesn't become glass that shatters, but instead remains a squishy malleable form capable of expansion, capable of holding all of this suffering. I write to remember, to witness not only the destruction caused by the storm but the neighbor to neighbor connections and the beautiful embodiment of community support.

So far, we've donated \$30K and counting to help provide emergency relief grants to working artists impacted by Hurricane Helene (whether they have destroyed studios, ruined equipment, flooded finished artwork, obliterated galleries, or fallen trees & downed power lines trapping them so they can't get to out of town craft shows where they expected to make enough money to cover their rent and utilities and food for three months). While we are proud to be part of these efforts, we also know that so much more is needed. We know that this is just a little bit of assistance, that this is survival money. We know that the road to recovery is long, and will require all of us in the mountains to find (our own) way to show up. And hopefully, our friends from afar will help out when and where they can.

-Kelly Kelbel, Make Noise Co-Owner



ARTS
AVL

ArtsAVL Emergency Relief Grants for Artists

The grant provides \$500 relief stipends to Western North Carolina artists of all disciplines substantially impacted by Hurricane Helene working in craft, literary, media, performing, visual, and interdisciplinary arts.

Grant launched on October 14, 2024 and so far has provided 1,231 artists with this help.

Grant application is here, closes Nov. 30:

<https://artsavl.org/artsavl-launches-emergency-relief-grants-for-wnc-artists/>

Additional resources and grants for artists: <https://artsavl.org/aid>

If you'd like to donate, please go here: <https://artsavl.org/relief>



Make Noise provided a matching donation to launch Phase One of Lamplight AVL's Recover, Remain, and Thrive Program, a phased granting initiative to support Asheville area artists impacted by Helene.

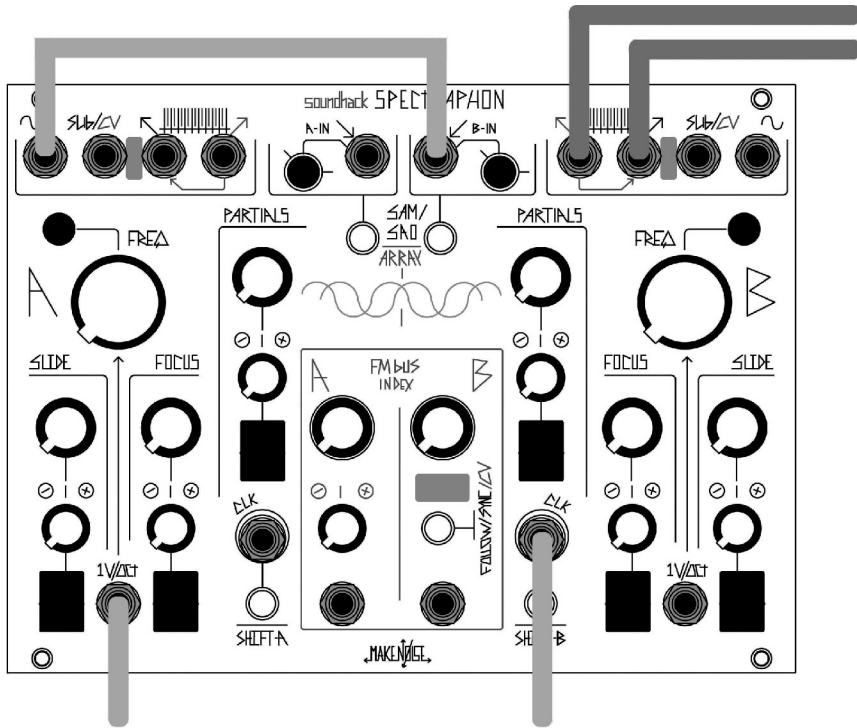
Phase One: Art Recovers offered grants of \$1500 to 20 local artists to help them in the immediate aftermath of the storm. Make Noise's contribution allowed Lamplight AVL to double their reach of this critical first step in recovery.

Phase Two: Art Remains, launched November 10. This fundraising effort will raise \$100K in the first round to distribute grants of up to \$20K to stabilize artists, organizations, and collectives that serve as hubs with wide ripple effects of community engagement.

For Phase Two, Make Noise will be raffling off a new QMMG that Kelly held onto from our 2018 10-year anniversary. Check out our instagram for the details!

Please spread the word to help Lamplight AVL with this next step. For more info or to share their gofundme: <https://lamplightavl.org/>

CREATING CLOCKED ARRAYS



WITH SPECTRAPHON

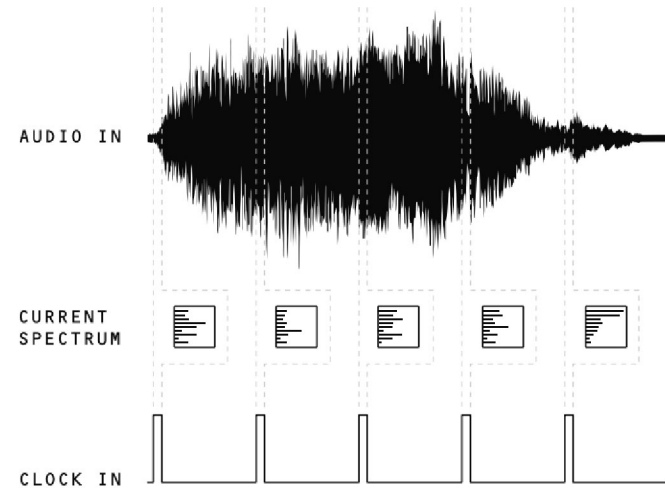
Creating an Array while in the Spectraphon's SAM mode is a powerful tool for Resynthesis. The Spectraphon's manual describes this process on Page 29:

"In SAM, at any given time the output at the Even/Odd harmonic outputs as determined by the signal at the input and the Slide and Focus controls can be considered a spectrum. It is possible to use this spectrum (or better yet, a whole series of these spectra) to create an Array to be used in SAO mode. To initiate Array creation when in SAM mode, hold Shift for the side you are using, and press ARRAY."

While creating an Array can be an automatic process— hold shift and press ARRAY— it can also be one whose creation is either set by an external clock or even clocked manually! In other words, each position (or Spectrum) in the Array is created once a SAM-enabled Spectraphon oscillator receives a pulse at its Clock input.

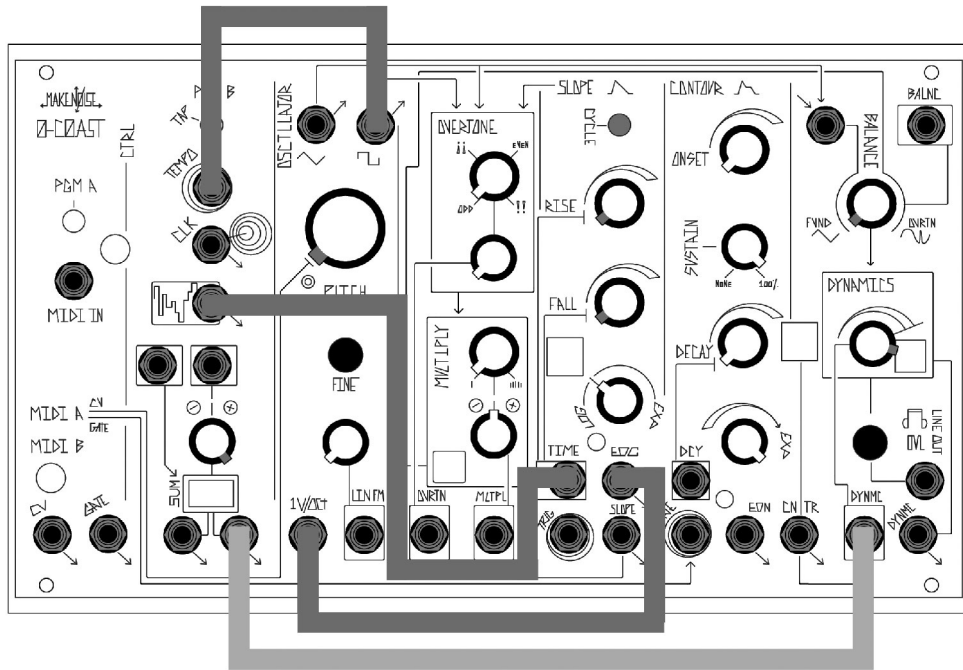
So how do we make a Clocked Array? To continue quoting Page 29 of the Spectraphon manual:

"If no pulse has been received in the Clock input in the past three seconds, then the Array will be created automatically. The Spectraphon will write 1024 spectra into the Array over the course of slightly more than one second. If a clock has recently (in the last three seconds) been received in the Clock input, then once Array creation has been initiated, a single spectrum will be written at the moment of each additional Clock. You can stop Array creation at any time by pressing [SHIFT+ARRAY] again, or it will automatically stop when the maximum number of spectra (1024) has been reached."



The result of this process is an Array that is both deliberately and experimentally constructed, with the possibility for classic "early wavetable"-like discontinuities, as well as smoothly interpolated spectral sweeps!

0-COAST NOISE PATCH



With its patchable architecture, the 0-Coast's collection of circuits is an environment for experimentation and discovery!

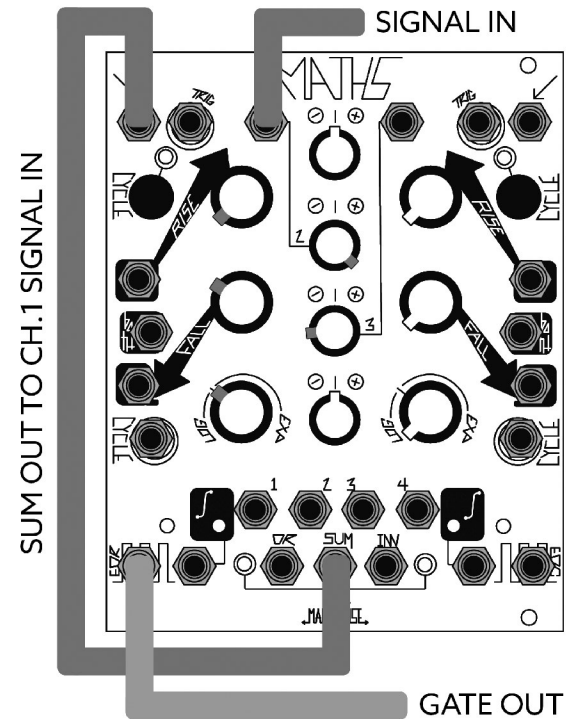
This patch, for example, utilizes a feedback loop between three of its sections— Slope, Oscillator and Clocked Random— to create a customizable noise source! Here's how:

To begin, set Slope's Rise and Fall fully counter-clockwise and engage its Cycle button. Next, set the Oscillator's Pitch fully counter-clockwise and patch its Square out to the Tempo input.

Next, patch the Stepped Random CV out to Slope's Time CV in. Finally, patch Slope's EOC out to the Oscillator's 1v/oct in. This loop (of the Oscillator clocking the Random CV, the Random CV modulating Slope and Slope modulating the Oscillator) creates a noise-like texture, whose timbre can be affected with the Rise, Fall and Pitch controls.

To monitor, patch the Dynamic CV in to any of the jacks in this loop that send an output: the Slope CV, the Triangle wave out or the Voltage Maths out (set to create an offset voltage).

MATHS COMPARATOR PATCH



The Maths manual is a treasure trove of information, inspiration and patch ideas including the incredibly useful Comparator/Gate Extractor!

To begin, patch a signal into CH.2 of Maths, with Maths' SUM output patched back into its CH.1 Signal input. The panel control for CH.3 is set negatively and acts as the comparator's threshold, comparing against the signal at CH.2, which is set positively.

CH.1's EOR gate is taken as the patch's output, and it goes high whenever CH.2 exceeds CH.3 enough to push the SUM output into positive territory.

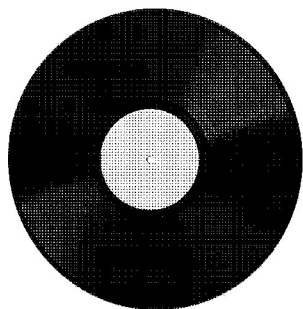
The EOR can then be used to advance a René channel, as an example, providing a clock whenever the signal at CH.2 crosses the threshold set by CH.3!

Be sure to check out the Maths manual today for more ideas, experiment and happy patching!

WHAT ARE YOU LISTENING TO? with the MAKE NOISE CREW

Everyone on the Make Noise Crew loves music— here are some recommendations of things we've been listening to lately:

Sam	Lewis
Mk.gee - Rockman	Sahbabii - "Saheem"
Lil Wayne (feat. Fre\$h, Gudda Gudda) - Broke Up	Walker Rider - "There's My Baby"
Jessie Ware, salute - Heaven In Your Arms	Anything by Zach Romeo
Hiroshi Sato - I Can't Wait	
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Ally	Jon
Tunnel Blanket - This Will Destroy You	Magdalena Bay - Imaginal Disk
Sabrina Carpenter - Taste	Mammoth Volume - A Single Book of Songs
Sanguisugabogg - Pissed	Casiopea - Casiopea
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Eric	Bayley
Siouxsie and the Banshees - Twice upon a time.	Blectum from Blechdom- Haus de Snaus
Aphex Twin - Selected Ambient Works 2	Pilgrim Party Girl- Milk for Night Crawlers
SD_OA - alla prima	Madness- One Step Beyond
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Ryan	Walker
Leila Abdul-Rauf - Calls From a Seething Edge	MIZU - 4 2 3
Gamelan Pacifica - Vessel	NikNak - Irete
Leaving - Liminal	John Blum Quartet f/ Marshall Allen - Deep Space
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Mark	Lee
Martin Rev – Strangeworld	Tony Williams - Joy of Flying
Craig Leon – Anthology of Interplanetary Folk Vol 1	Luis Miguel - Aries
Gal Costa and Caetano Veloso – Domingo	Van Halen - 5150
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Ben	Pete
i-sef u-sef - consistency	Farewell Phoenix - The Angels in These Fields
Vic Bang - Burung	Thomas Leer & Robert Rental - The Bridge
salami rose joe louis - Akousmatikous	Mississippi Records & Little Axe mixtapes
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Meg	
Bjork	
Kikagaku Moyo	
Oingo Boingo	



NOW AVAILABLE
ON OUR WEBSITE:

www.
makenoisemusic.com/
store

CREW NECK LOGO SWEATSHIRT

Ultra-comfy Black crewneck
sweatshirt with white Make Noise
logo. Cotton/polyester blend.
Printed in Asheville, NC!

\$40



QMMG POCKET T-SHIRT

To help celebrate the limited
release of the 2024 Black and Gold
QMMG we created a special QMMG
t-shirt, featuring iconography
created by Tony Rolando for the
module's original 2008 release.

\$16