



DroneBank
manual

SNAZZY FX

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FX**

DRONEBANK

MANUAL



AFRICAN ELEPHANTS?

NO....it's the SNAZZY FX
DroneBank
MANUAL!!!!

**congratulations on the
purchase of your new
SNAZZY FX
product!!!**

WELCOME TO YOUR NEW MODULE!!!!

Installation:

The Snazzy FX DroneBank requires +/-12V to operate. It is designed for use with the euro format modular synthesizer system (please see) http://www.doefer.de/a100_man/a100t_e.htm.

INSTALLATION CONTINUED

To install in your system, find space in your euro-rack synthesizer system, plug the 16pin power cable into the euro- rack style power distribution board, checking the polarity so the RED STRIPE stripe on the cable is oriented to the NEGATIVE12 volt supply line. (LOOK FOR TEXT WHICH SAYS NEG or -v or -12)

This is USUALLY at the bottom.

Please refer to your case manufacturers' specifications for location of the negative supply.

IF IN ANY DOUBT PLEASE CONTACT YOUR DEALER!

OR IF YOU REALLY MUST CONTACT ME AT 3AM....

CONTACT IS HELP@SNAZZYFX.COM

BUT REMEMBER..YOUR EURO DEALER IS THERE TO HELP YOU!

INFORMATION ABOUT THE MODULE

the DroneBank is really quite simple to use

but with lots of musical possibilities.

when I designed the DroneBank I had in mind the creation of
thick,
ethereal tones.

sounds with a real feeling of dimension,

sounds that could transport the listener.

The DroneBank can be used to make harsh sounds /beautiful sounds /humorous
sounds / creepy sounds and sad sounds.

and all with a minimum of effort.

FOR the creation and exploration of space, and the space in between the FIVE
PITCHES, The DroneBank pairs well with multiple speakers, or with artificial
spaces like Spring Reverb, Plate Reverb, Delay (its basically calling out for a
SNAZZY FX WOW AND FLUTTER) or DIGITAL REVERB.

if you \\
like me
\ enjoy creating ambient music, techno, space rock, or experimental music
you will no doubt be pleased to find how well the DroneBank works in those
settings.

and if you happen to be someone who makes soundtracks or is involved in
sound design for theatre or film, the DroneBank is equally well-suited for those
applications.

SO HEY

WHAT EXACTLY IS IT?

WHATS THE DEAL WITH THIS LITTLE MODULE?

well ,
maybe that is best answered by telling you— **the genesis of this module**

as a performer and producer I often use my modular synthesizer to create walls of sound while superimposing melodic and or rhythmic structures on top —

ALMOST LIKE BUILDING A HOUSE

So what are the walls made out of???

I started discovering quite a few new techniques of music creation when I dived headlong into modular music creation.

*whether that was adding **consonant tones underneath a bassline** or **adding swells to a film Cue**, I kept finding places where multiple clean tones were very powerful...but also a lot of work to wire up.*

SO I decided that if i made a module that took care of all the repetitive wiring (not to mention saving all those VCOS for other uses!) for me, I'd have a very useful TOOL for creating VERY REPEATABLE and usable clouds of pitch. And I was right. I have used use the DroneBank in every performance since. And its been a super sleeper module for Snazzy FX...the more people “get it” the more that other people “want it” in their own setups.

SO WHAT EXACTLY IS THE BASIC FUNCTIONALITY?

the core of the **DroneBank** is

five triangle oscillators

each with

independent pitch control

and an

individual out

for each oscillator

as well as a

master mix out of all five oscillators

(more on possible uses for those individual outs later)

and that's it.

no bearskin rug?

so think of it as a **drone creation module** that you can reach for

anytime you need to add depth ,drama , motion, tension , beauty or space to a track.

NOW THIS IS SOMETHING I MUST GET OUT OF THE WAY RIGHT AWAY:

some people ask me where is the CV?

my response is always the same

the DroneBank was meant to be a dead simple module

meant for instant drones and immediate usage

think of all the time, wiring , and modules you'll save next time you want to create a wide ,sweeping sound to add to your composition- or how quickly you can add a dramatic intro to your next live set!

The DroneBank is a tool -a musical device and as such when I thought about the design I knew it was going to be a no-frills module where sound was the most important feature

so now that we've talked about the Idea behind the DroneBank let's talk a bit about using it!

USAGE:!!!CONTROL LAYOUT



on the panel
you will find
five knobs and
six Jacks .

- knobs one through five control the pitch of oscillators one through five.

- knobs one through three have a similar range while oscillators 3 and 4 are designed to hit slightly lower pitches.

- each oscillator is routed through its

individual Jack one through five

-
- The mix Jack is a combination of all five oscillators nicely weighted and summed together.
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- The LED is attached to this mix out. as the oscillators beat against each other you'll see the LED turning on and off.
- you can use the LED as a rough guide to how the mix out will sound.

ONE WAY TO SET UP THE DRONEBANK IF YOU'RE LOOKING FOR OPTIMUM BEATING IS TO SET ALL OSCILLATORS TO THE SAME EXACT PITCH

THEN SLOWLY START TURNING EACH OSCILLATOR A TINY BIT UP OR DOWN IN FREQUENCY

IN NO TIME AT ALL YOU'LL BE LEFT WITH A THICK SINGLE UNISON TONE, PERFECT FOR PUTTING INSIDE OF AN AMBIENT SOUNDSCAPE.

but don't stop there
as the DroneBank isn't just for single note drones!!!!

(though it sure is nice to be able to do them for 25 hours straight in the middle of a field with a gigantic sound-system blaring as you tower above in a gigantic metallic exoskeleton built before everything went dark)

with five oscillators it's easy to set up chords that drone or

OR pick a fundamental and then add harmonics in series

really there are so many ways to use it in A SONG

another interesting way ???

put the mix out through a wave folder or waveshaper!! the folder will have a heck of a time trying to figure out which parts of the wave to effect.

you can also feed it into an octave divider or the CV in of a resonant filter

non Audio uses include FM modulating a VCO or a filter

Kurt Digiorgio uses the DroneBank as a chord machine in conjunction with VCA's and envelopes. (PLEASE SEE THE FUTURE MUSIC MAGAZINE

ISSUE AND DVD WHERE HE DISCUSSED THE DroneBank IN HIS PRODUCTION SETUP)

you can easily create stabs or long droning chords by combining the DroneBank with a VCA, A filter, and an envelope

And its great being able to bring up a chord really easily in a system often dedicated to monophonic sources

and don't forget about delay or reverb !!!!

one particularly good combination is the DroneBank patched into the wow and flutter with the CV from the Chaos Brother modulating the delay time.

this has to be heard to be appreciated. and I hear it a lot. I havent gotten over the enjoyment of hearing the Wow subtly or not so subtly messing with the very pretty sound of the DroneBank.

The individual outs also provide for interesting possibilities

you could patch the individual outs into the 4ms VCA matrix then add filters or effects to each individual oscillator.

if using a DAW or multitrack you can print multiple passages of the DroneBanks mix output, all slightly detuned from each other from each other to create literal walls of sound.

Add spatial and delay effects and in no time at all you are working with clouds of sound.

very important:

because the DroneBank uses triangle waves and not the often used square waves you can easily layer multiple droning passages without the overall feeling being too fuzzy or harsh.

AND DONT FORGET...

FIVE TRIANGLE OSCILLATORS ?

why not drive 5 clock dividers?

***or a clock divider from one,
a telephone game from another,
FM modulate a vco from another,
another into a wavetable module,
FM modulate a VCF (tidal wave anyone?) with yet
another***

and then maybe use the mix out with some Wow And flutter or just spring reverb to hear the whole thing in drone form.

really there are tons of things to try

and once you've convinced yourself that you really have jumped through a black hole of sound...

you can sit back and just fall asleep (or into lucid dreams) as the DroneBank hums along to the refrigerator or the airplanes overhead

DONT FORGET.....with a good set of headphones, or maybe near field monitors, you can easily explore the wonderful world of BINAURAL BEATS

you can make yourself some "relaxation" or "deep concentration" or "study power" sound files by taking advantage of the multiple low harmonic waveforms which can beat against each other in stereo space.

ALSO..got a cool patch? did you make a track with SNAZZY FX gear? Or do you really want the world to know about the weird Snazzy FX sound you discovered while recording your 23 hour live set?

head on over to the Snazzy FX SubForum on the MuffWiggler Euro Forum
OR FIND ME ON TWITTER!! OR ON FB.

or at HELP@SNAZZYFX.COM

WE LOVE TO HEAR FROM YOU!!



SNAZZY FX has a one year parts and six months labor warranty. This warranty covers defects and does not cover mis-use. If there is a problem with your SNAZZY FX device, please contact the dealer you purchased it from to first determine if the problem is related to control settings. Your SNAZZY FX dealer will then give you information on how to return the product so that you can get back to making weird sounds.

NOT RESPONSIBLE FOR ANY WEIRD STATES OF BEING YOU MIGHT END UP IN

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