



New Disk On The Block (The Lazy Model)

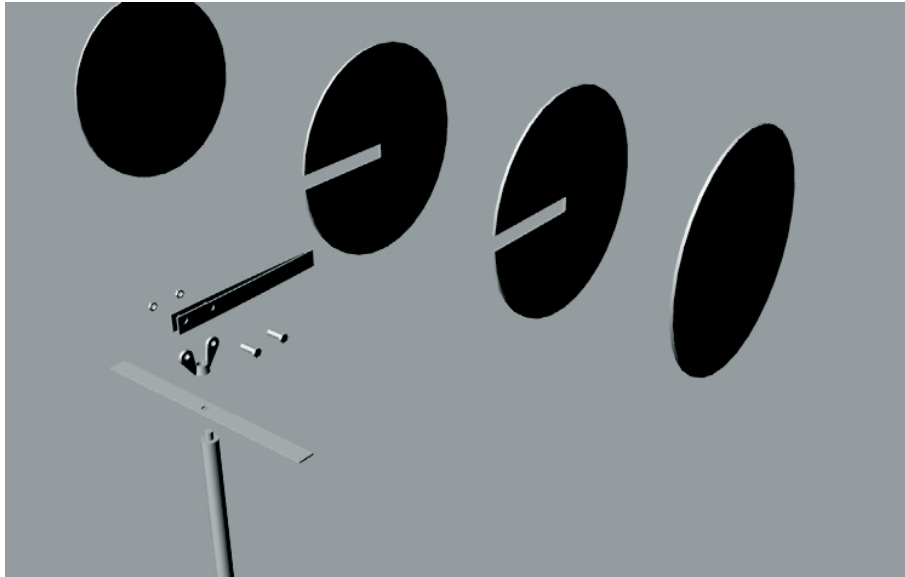
This document describes how to build your own professional yet easy to carry and easy to operate Jecklin Disk.

It also provides a simple yet powerful platform to start your own experiences.

All dimensions are in Metric, yet using the Imperial system might work too.

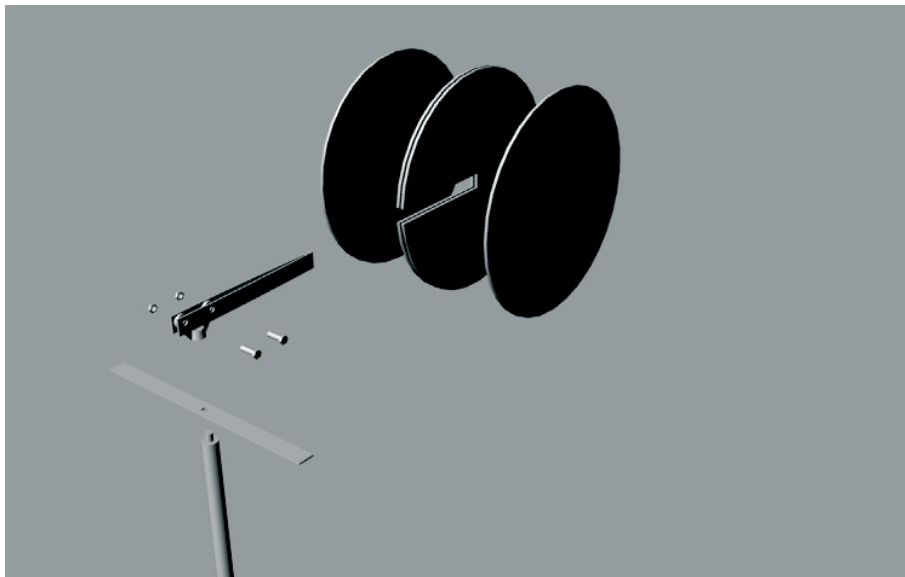
If you have any questions, feel free to email me at vm@klankschap.nl
Have fun (a hint, not an order)

Floris van Manen



What you need to build your own easy to carry, easy to use Jecklin Disk.

- two aluminium stripes:
2*20*300mm
2*20*400mm (fold it into 2*20*200)
- one wing nut that fits onto your microphone stand
- two nuts and bolts
- four pieces of foam board 4*300*300mm cut circles with 300mm diameter cut a stripe in the inner two
- two round pieces of absorbing material to stick onto the outside of the disk. The material could be sheep, bathroom mat, soft foam, soft textile, etc.
- two O-rings to mount your microphones.

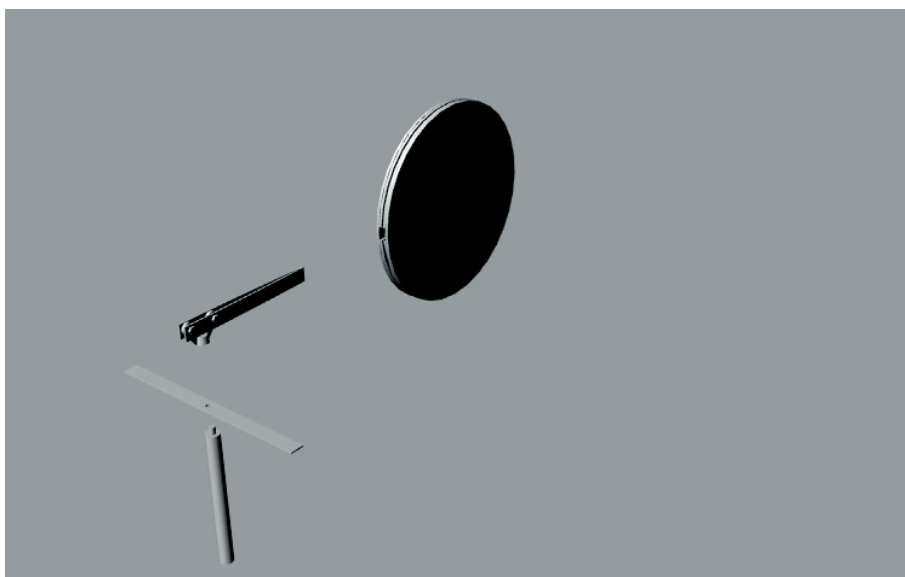


Tie the wing nut with the nuts to the folded aluminium strip.

Glue the pieces of foam board together

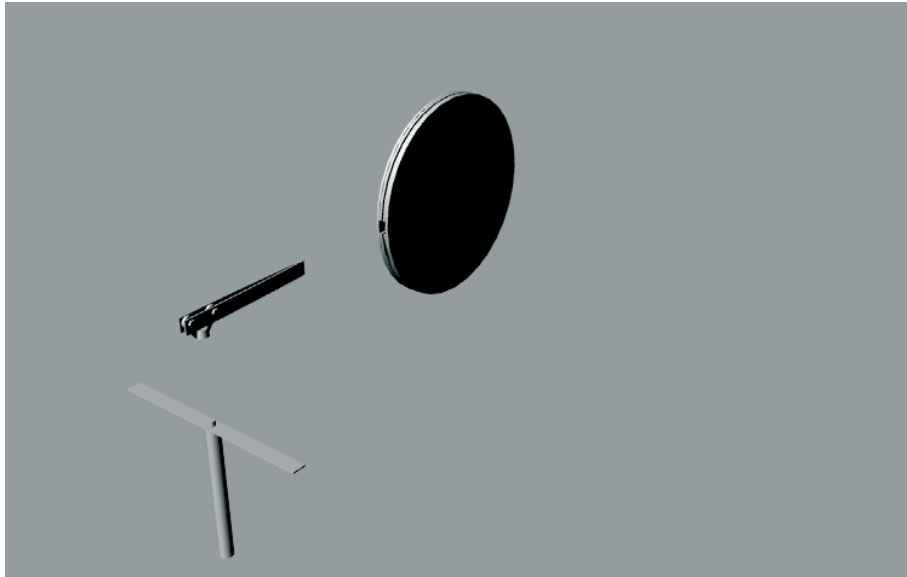
You can cover the 300mm strip with (black) tape.

You can cover the folded strip with velcro tape to make it more rough.

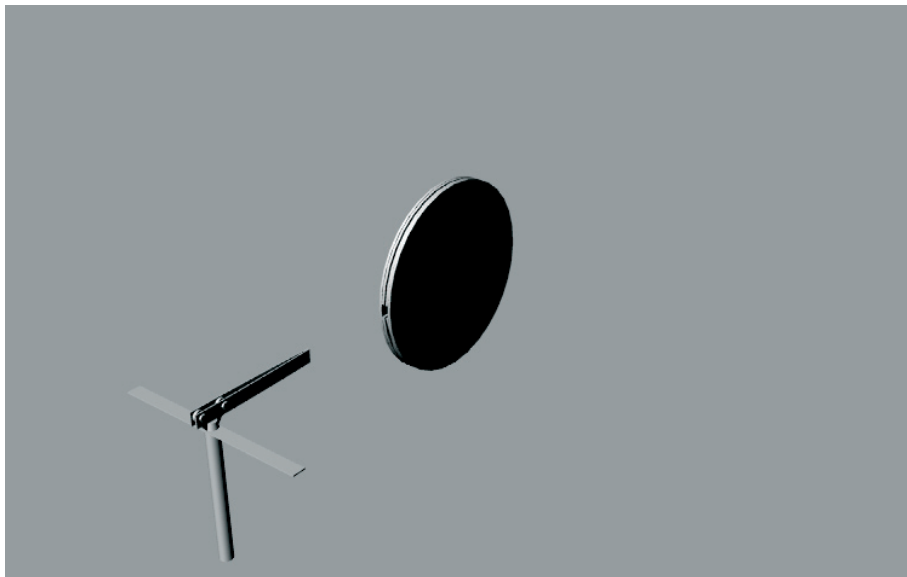


You now have the three basic elements of the disk that you can easily carry around.

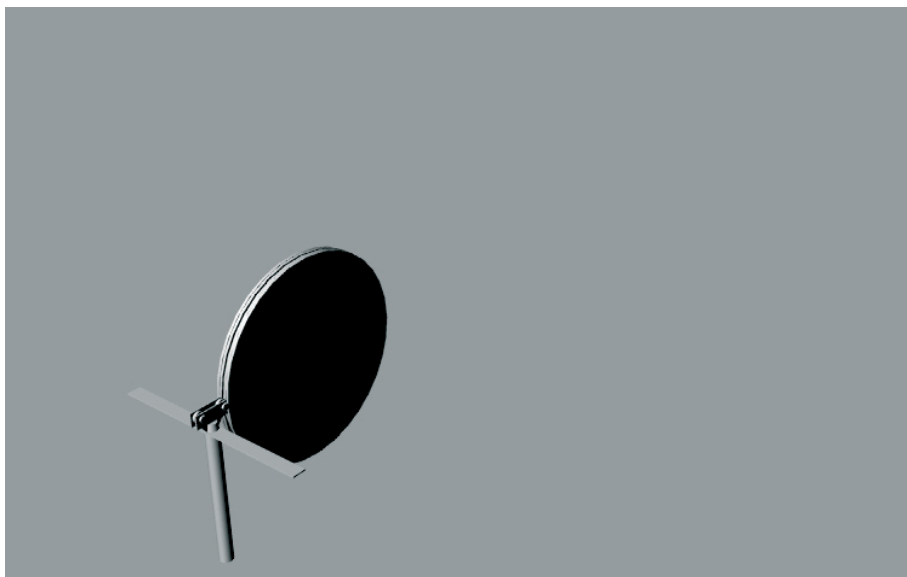
If you use velcro on the outside of the disk, you can change the absorbing material more easily.



Put the 300mm aluminium strip onto the microphone stand ...



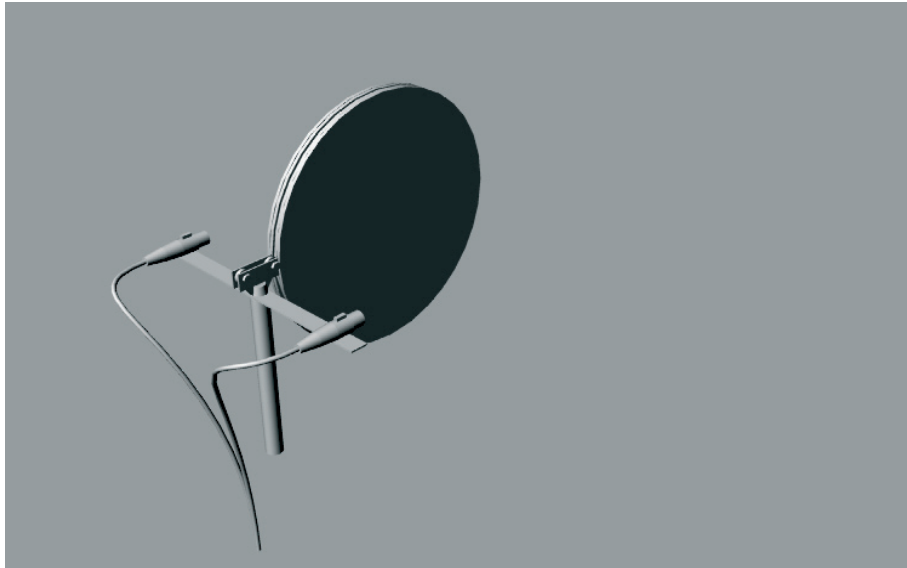
... and fix it with the folded strip which has the wing nut.



Now slide the foam disks over the folded strip. Because of the velcro taped surface, it will stick onto the strip. Because the disk itself is very light and there is nothing attached to the disk.

The size of the disk determines the separation frequency between the channels. A diameter of 300mm separated at about 1kHz, 150mm is about 2kHz.

The use of a goose neck makes handling even more simple

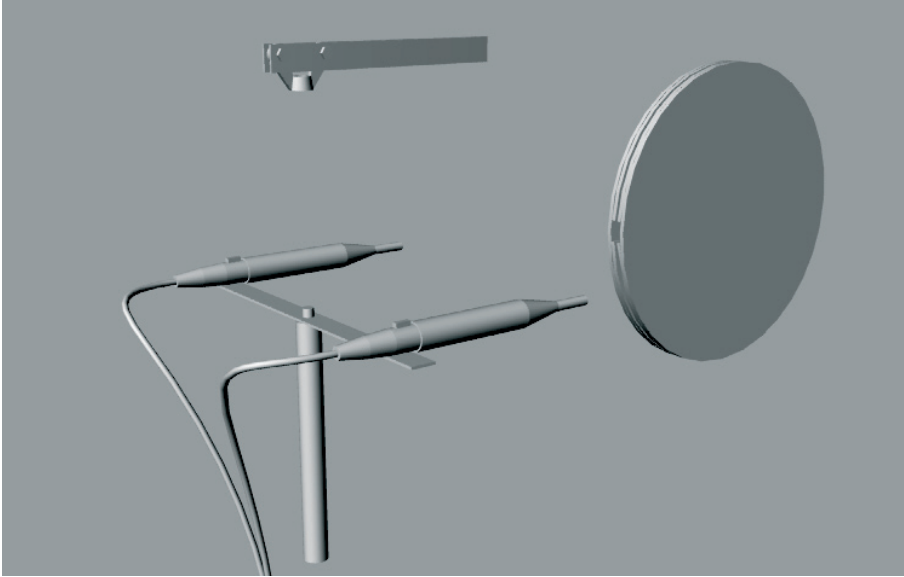


Now mount the female XLR connectors with an O-ring onto the 300mm strip ...



Connect your professional microphones to the connectors. You're ready to roll...

A-B



Jecklin Disk

