

ERD/ERD manual - vampiric edition

micro_research



IMPORTANT: RED POWER CONNECTOR STRIPE/-12V IS ORIENTED TO THE BOTTOM OF MODULE.

There, in one of the great boxes, of which there were fifty in all, on a pile of newly dug earth, lay the Count!

ERD/ERD (Earth Return Distortion) is the first and most extreme expression of the ERD philosophy, seeking to literally put the earth back into circuit with technology. All world electricity travels through the earth and nearly all electronic circuitry and devices are extracted and refined from the earth. ERD/ERD puts a small block of vampire/holy earth into the Eurorack circuit, allowing control and audio signals to be distorted and amplified as they pass through the earth block. It can be viewed in conventional terms as an earth conditioned VCA (amplification factor by knob control or CV) and distortion. Local electrical and atmospheric signals also condition the earth signal. Two jack connections are also included, optionally switching out the local earth block in favour of routing through local earth piles and forest sites.

The special edition

We must sterilise this earth, so sacred of holy memories, that he has brought from a far distant land for such fell use. He has chosen this earth because it has been holy. Thus we defeat him with his own weapon, for we make it more holy still.

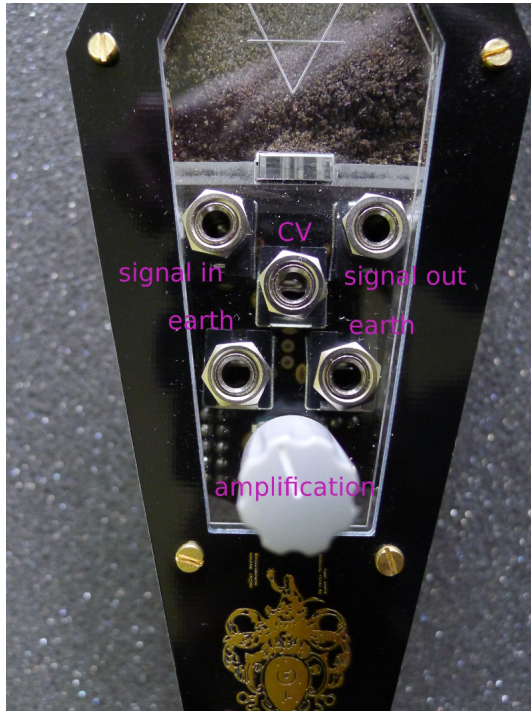
[Bram Stoker. Dracula]

The ERD/ERD vampiric edition contains mixed earth from both Golgotha, Jerusalem and Whitby Abbey, England. Whitby is the landing and stranding place of Dracula's ghost ship Demeter, delivering the fifty oblong boxes ("a number of great wooden boxes filled with mould") which find their way to the Count's chapel at Carfax. This earth is essential to Dracula, it forms "his earth-home, his coffin-home, his hell-home..."

It is this earth which is later sterilised and rendered more holy by Dr. Van Helsing. It is this earth which is contained and rendered audibly and psychically influential anew with the ERD/ERD vampiric edition.

It is our belief that Stoker was programmed by the geology and earth of Whitby to literally transcribe the story of a technology to come; the future technology of plague or contagious computation which in turn writes itself on every earth substrate (doped silicon) as holy. This ERD/ERD edition seeks to re-animate this geophysical writing machine, and to curse that more than holy earth.

Layout



- The centre knob controls amplification and distortion.
- The middle/lower two Jacks (labelled earth and earth) are for optional connection to external earth.
- Signal in and Signal out are top left and right as marked.
- CV input controlling amplification is lowest.

Tech specs

12HP, 20mA at +12V, 8mA at -12V, 0mA at 5v. 1 CV input, 1 signal input, 1 signal output, 2 jacks for external earth connection, 37mm deep.

Suggested uses and notes



Simply wire up the power connector (red/-12V to bottom as shown above) and plug in audio or control voltage signals to signal in, output from signal out and play with the amplification knob.

The earth coffin/container will pick up stray electromagnetic signals, particularly if your hand is placed close to the earth.

Patching in an external earth pile will switch out the local earth container. You can plug two minijacks between an earth pile or forest site and the earth-labelled uppermost jack sockets of the module. Any conductive material will also work with differing properties. Note that only the tip of the minijack should be connected to the earth pile.

Do not expose the ERD/ERD to extremes of high or low temperature or to direct sunlight. Condensation may appear in the ERD window and this is no cause for concern.

Further reading

Technology and the Plague: <http://www.1010.co.uk/org/plague.html>

Edition

This ERD/ERD module (vampiric edition) is numbered in a strictly limited edition of 50.