

# DEFINITION Mk.III TRANSFORM

[Rev-A]



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# DEFINITION MK.III TRANSFORM

JANUARY 2012

Take any Definition Mk.I or Mk.II, including Definition Pro, and let it metamorphose—the Definition Mk.III Transform.

The Definition Mk.III Transform service is \$3,500 a pair, plus shipping. So how big of a change is it? Old Definition is Les Paul—original, ground breaking, innovative. Definition Mk.III Transform is Hendrix—more, all over again. The old Definition is completely disassembled: cabinet modified, full-range drivers replaced, tweeters rebuilt, subwoofers all retested and replaced if needed, electronics removed and replaced with new interface box and faceplate, cabling removed and replaced, complete post processing final QC on loudspeaker system as matched pair, and new FlexPak encapsulating shipping container. Yeah, you get your money's worth with Zu. But why not call it a mark two point five? Because in our naming convention a change to the cabinet or major change in platform triggers a new mark and this is a whole lot of change. Or put another way—an upgrade that can be retro-fitted in the field gets a suffix to the mark because the cabinet doesn't need to be changed. Definition Mk.II and earlier getting transformed get a Mk. change because it has to be returned to the factory for cabinet surgery and nearly all the guts are replaced as well. Okay, here's the low-down specific to tone and performance:

## DRIVERS

New nanotech Zu drivers are so much better than the old, the biggest difference had in the Definition Mk.III Transform. They make the old Zu drivers sound hazy, compressed, dynamically timid, and lacking resolution. The new Zu nanotech drivers are much more controlled, dynamically expressive, bold and resolving of all forms of resolution, tone, texture and transient detail. How? Electrodynamics of these new drivers are significantly improved, with nearly double the motive force product. 30% bigger and stronger magnets, revised motor circuit design to improve efficiency, improved dynamic shunting from diamagnetic circuit. The cone make-up is also lighter yet has twice the cone propagation velocity and more than three times the shear strength of the original Zu drivers. Processing changes and streamlining have also allowed us to realize tighter tolerance and accuracy.

- New 10" full-range drivers, the new nanotech Dominance drivers (Zu103/ND/G1-16).
- Matched as near-perfect pairs, and burned in for 400 hours in the Zu factory burn-in rig.
- Raises Definition Mk.III system impedance to 8 ohms.
- Driver model number engraved into the billet center cone for easy identification and confirmation. Serialized, with matching driver notation on driver frame face (visible if trim ring is removed).
- Re-matched tweeters, with revised high-pass network featuring Mundorf silver/oil caps matched to within 0.05%.

## ELECTRONICS / CABLE / INTERFACE

We remove all the old electronics and replace them with a completely new assembly that allows servicing of electronics to be done in the field. All electronics are now housed in a machined from 1/4" [6.3mm] aluminum plate, rack style assembly, that fits in the same spot (post cabinet mods) as the old Definition's input plate. Electronics are much more dynamic, super quiet, efficient and highly adjustable to let you really dial in deep bass and your room.



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- Machined faceplate with Definition Mk.III notation and fitted with machined electronics chassis mounted to back of plate.
- Electronics case and faceplate feature state-of-the-art, indexed, quick disconnects (ZuB3 via Neutrik 'speakON' 8-pole interface) for all connections making quick swap out in the event electronics service is needed in the future.
- Hypex UcD 400 watt fifth generation amplification (UcD DS4.0v5).
- User-tunable deep base response via five 3/4" [19mm] knobs on input plate:  
Volume // Low-pass Filter // PEQ Gain // PEQ Frequency // Phase
- Custom, dead quiet, Hypex TR109 toroidal transformer.
- Replacement of old harness assemblies with Event/Def4-A based cabling.
- ZuB3 indexed interface via speakON 8-pole connection (Zu convention), the same found on the original Druid back in 2001 and returning on Definition Mk.IV and Mk.III. Lower contact resistance, minimum degradation to signal and power transmission due to gains afforded by ZuB3; and they are quick and easy to connect, without ever having to worry if you have the phase right or wrong.
- Send your Zu cables back for free ZuB3 via speakON 8-pole speaker end retermination.
- speakON 8-pole (ZuB3 convention) to standard 5-way binding posts available for purchase for those not using Zu cable.

## CABINET

After complete disassembly, cabinet is modified to fit the new electronics and faceplate. Cabinet is reinforced and braced with corner fillets, dowels on bridges, damped, and fitted with new internal sound damping materials schedule. All combine to decrease cabinet plate modes, resonance amplitudes, internal cavity noise—and more closely tie drivers to cabinet framework. Shipped back to you in new 'UPS proof' FlexPak encapsulating shipping containers.

## WARRANTY

Two-year limited warranty; cabinet, drivers, cable assembly, electronics, workmanship—does not cover abuse. Shipping is not covered.

## SHIPPING LOUDSPEAKERS BACK TO ZU

Packing up and shipping back old loudspeakers is the customer's responsibility. However if the customer would like us to coordinate a pickup, and we can do that, the price is actual shipping charge plus \$60. If new packaging is needed Zu charges \$100 for the set (Zu's new encapsulating packaging) plus actual shipping cost. In the event that customer's loudspeakers arrive damaged, it is the customer's responsibility, and that includes initiating and seeing through any claims. If damage happens, Zu will photograph the packing and damage, and give the customer an estimate on repair, which will be pretty reasonable as the complete loudspeaker system is getting disassembled.



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## **PACKAGING & SHIPPING LOUDSPEAKERS BACK TO CUSTOMER**

All transformed Definition Mk.III loudspeakers will be packaged in new foam encapsulated FlexPak containers to ensure they arrive in perfect condition. Customer is charged only actual shipping cost.

## **INTERNATIONAL CUSTOMERS**

Know that all taxes, duties and fees are the responsibility of the customer. The declared value will be \$3,500. If additional insurance is desired this is the customers responsibility to coordinate and purchase prior to shipment.

## **VALUES AND BUYBACK POLICY**

Definition Mk.III \$7,000 in the United States. Zu will purchase used Definition Mk.II or earlier for \$3,500. If the customer is not totally satisfied with the transformation, Zu will buy back the customers loudspeakers for \$5,000, shipping not included. Old Definition speakers being traded in for Definition Mk.IV will be transformed into Definition Mk.III and sold direct in the U.S. for \$7,000 and up, depending on finish.

## **REFINISH SERVICE**

If a new finish is desired add two weeks to your schedule, four weeks if hand cut and polished gloss. Zu surcharges for refinish of the Definition Mk.III Transform are: \$600 for mattes (black, gray, chocolate, cobalt) and \$1200 for hand cut and polished gloss (jet black, Ferrari red, silver, Maserati blue). Other colors and art are quoted.



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