

TK Audio DP3



TK Audio presents the DP3, a unique hybrid design including both vintage and modern circuits. The midrange crunch of the germanium sound of the mid 60's, the low mid punch and thick sound associated with British class-A from the early 70's as well as the more modern tone from the 90's. DP3 contains not just our well proven input stage and germanium circuit, we have also incorporated a new saturation circuit that together with the vintage class-A stage gives you lots of character choices. The input stage is designed around a high quality Swedish Lundahl transformer and a gain stage with up to 80dB of gain followed by selectable saturation and germanium circuits for more color and harmonics.

Instead of switching output stages as it was done in our previous models the class-A stage is now inserted in front of the output level control letting you drive the transformer harder without overloading your A/D converter or other unit. This also make the output less sensitive to different load impedance. The class-A stage uses a heavy custom made Carnhill transformer that produces a fat and punchy sound with mid-range character and a warm top end. The Hi-Z instrument input has a separate activating switch so you can let your instrument stay connected all the time.



The DP3 also has the same 'direct' function for the instrument input as found on the SP502 (their 500-series preamp) which bypasses the input transformer and gain stage, resulting in a faster transient respond and a fixed gain around 14dB, perfect for bass recording with the class-A stage activated. The sweepable HPF goes from 30Hz to 400Hz which allows precision crafting of the low end.

Specifications:

- Input impedance: 1600 ohm / 400 ohm
- Instrument input impedance: 2 Mohm
- Max output level: +26dBu
- DI-direct gain: +14dB
- Frequency response electronic balanced: -0,2dB @ 80kHz

TK Audio releases the Dual Mic Preamp DP3

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- Frequency response class A inserted: -0,5dB @ 20kHz
- THD+N @ +20dBu: 0,007%
- THD+N @ +20dBu, class-A inserted: 0,01%
- THD+N @ +20dBu, saturation stage active: 0,3%
- THD+N @ +20dBu, germanium stage active: 1%
- Power requirement: 115v or 230v internally selectable
- Power consumption: 15VA

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