

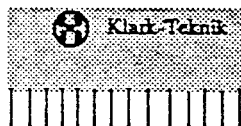
Klark - Teknik

Consultant Update



**KLARK TEKNIK
INFORMATION**

Why is Klark-Teknik "MELT" circuitry important to your clients?



"MELT" - Micro-electronic, Loss-Less, Two-Port Circuit

The above 'Thick Film' component contains four complete filter sections in one 14 pin package, and is part of the "MELT" circuit used in all Klark-Teknik graphic equalizers.

While filters had traditionally been inductor based circuits, inductors were cumbersome and expensive to produce, while also being prone to instability, low frequency distortion and induced hum. Many equalizers today use circuits based on a single ended gyrator design which mimicks an inductor circuit. While this eliminates some of the problems of inductors, this type of design is noisy.

Borrowing a technique commonly used in computer manufacturing called 'Thick-Film' technology, Klark-Teknik Research and Development designed and developed "MELT" circuitry for use in their graphic equalizers. This "MELT" circuitry helps you and your clients in the following ways:

1. More consistent and reliable - utilizing 'Thick-Film' filter components in the "MELT" circuitry, Klark-Teknik reduced component connections from 56 to just 14.
2. Much improved stability - Center frequencies will not drift, as is the case with standard filter circuits.
3. Minimal phase shift and improved accuracy.
4. Low noise and minimum ripple.

This type of 'fit and forget' technology is so consistent and reliable that all Klark-Teknik graphic equalizers are warranted for 5 years, while maintaining the highest filter calibration standard in the industry.

Klark-Teknik Products

DN 300 1/3 Octave Graphic EQ
DN 301 1/3 Octave Attenuating Graphic EQ
DN 332 Dual 2/3 Octave Graphic EQ
DN 360 Dual 1/3 Octave Graphic EQ
DN 305 Masking Sound Processor

DN 405 Parametric EQ
DN 410 Dual Parametric EQ
DN 716 Digital Delay Line
DN 780 Digital Reverb
DN 60/ RT 60 Analyzer

****NEW! - Klark-Teknik "The Audio System Designer" Handbook - CALL FOR INFO****