

## Klark Teknik – Square One Dynamics



The constantly-changing hardware requirements of technical riders are just one of the many issues agencies, audio rental companies and live music venues have to deal with. Having to retain a comprehensive inventory of different devices, as well as reconfiguring outboard processing racks is a costly, time-consuming task, further complicated by the number of hardware options available.

The solution: Klark Teknik Square ONE dynamics. Eight channels of flexible, configurable, high-performance dynamics processing in one 3U package.

## Dynamics Inputs

### Type

### Impedance ( $\Omega$ )

## Ext Key Inputs

### Type

### Impedance ( $\Omega$ )

## Solo Bus Input

### Type

### Impedance ( $\Omega$ )

## Dynamics Outputs

## Solo Bus Output

### Type

### Minimum load impedance

### Source impedance

### Maximum level

## Eight

Electronically balanced XLR (pin 2 hot)

10k

## Eight

Electronically balanced TRS Jack (Tip hot)

20k

## One

Electronically balanced XLR (pin 2 hot)

20k

## Eight

One

Electronically balanced XLR (pin 2 hot)

600 $\Omega$

<60  $\Omega$

+22dBu into >2k $\Omega$

## Performance

Frequency response

### Distortion (THD+N)

Noise Floor <-95 dBu @ Unity Gain  
Dynamic range (20Hz-20kHz unweighted)

## Compressor

### Threshold (Hard Knee)

### Gain

### Attack

### Release

### Ratio

## Gate

### Threshold

### Attack

### Release

### Hold

### Range

## Sidechain Bandpass filter

### Frequency Range

### Slope (Wide)

20Hz – 20kHz  $\pm$ 0.5 dBu

<0.02% @ 1kHz, +4 dBu

>117 dB

-50dB to +25dBu

0dB to +30dB

100us to 20ms

50ms to 2.5s

$\infty$  to 1:

-50dB to +25dBu

10 $\mu$ s to 10ms

2ms to 2s

2ms to 2s

$\infty$  to 0dB

40Hz -16kHz

6dB per Octave

## Dimension Audio

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