

# Technical Specifications: pocket tools dual para eq

## Input

|                       |   |
|-----------------------|---|
| <b>input</b>          | Unbalanced line input<br>¼" jack (6.35 mm)<br>Gain adjustment range: -10...+10 dB,<br>0 dB at center notch of <b>gain</b> control.<br>Min. input voltage: 300 mV (-10 dBV)<br>Max. input voltage: 9 V (+19 dBV)<br>Input impedance: 10 kΩ<br>Signal-to-noise ratio (A-weighted)<br>0 dB gain: 108 dB<br>Min. gain: 108 dB<br>Max. gain: 103 dB<br>Frequency response: 20 Hz...20 kHz / ±0.5 dB<br>THD + N (1 kHz): < 0.1%<br>Phantom power: Ring contact of <b>line out</b> is<br>connected to ring contact of <b>input</b> . Any<br>external phantom power applied at the ring<br>of <b>line out</b> will be available at the input. |
| <b>Clip indicator</b> | Red LED   |
|                       | Headroom: 12 dB   |

## Output

|                 |   |
|-----------------|---|
| <b>line out</b> | Unbalanced line output<br>¼" jack (6.35 mm)<br>Nominal output voltage: 1 V (0 dBV)<br>Max. output voltage: 9 V (+19 dBV)<br>Output impedance: 47 Ω<br>Min. load impedance: 2 kΩ |
|-----------------|---|

## Parametric equalizer

|                                   |  |
|-----------------------------------|--|
| <b>Number and type of filters</b> | Two adjustable band boost / cut (bell curve) filters   |
| <b>Frequency range</b>            | 90 Hz...1.6 kHz / 680 Hz...11 kHz<br>Both filters are switchable to either frequency range.              |
| <b>Gain range</b>                 | ±15 dB at center frequency of filter   |
| <b>Bandwidth range</b>            | 0.4 – 2.2 octaves<br>("half-dB" method, measured between +7.5 dB points with <b>level</b> set to +15 dB) |

## Power

|                       |  |
|-----------------------|--|
| <b>Supply voltage</b> | 24 V=, 0.2 A<br>Use only supplied mains adapter.   |
| <b>Mains adapter</b>  | Mains voltage: 100-240 V~<br>Power consumption when used with Dual<br>Para Eq: max. 10 W |

## General

|                      |  |
|----------------------|--|
| <b>Metal housing</b> | Aluminium  |
| <b>Finish</b>        | Anodized black   |
| <b>Dimensions</b>    | 65 mm (2.56") high<br>105 mm (4.13") wide<br>135 mm (5.31") deep |
| <b>Weight</b>        | 430 g (0.95 lbs)   |

## Definitions and conditions

**Input and output voltages** are RMS values for a sine signal and 1 kHz unless stated otherwise.

**Tone controls** in neutral position (equalizer level in center position) unless stated otherwise.

**Min. input voltage:** Input voltage for nominal output voltage at line out with gain fully clockwise.

**Max. input voltage:** Permissible input voltage that does not cause distortion more than the rated THD + N (assuming suitable control settings).

**Signal-to-noise ratio (SNR):** Ratio of nominal output voltage to noise voltage at line out, at specified gain setting, input shorted, 20 Hz...20 kHz.

**THD + N:** Total harmonic distortion + noise for nominal output voltage at line out

Specifications and appearance subject to change without notice.

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