

52-1156A/B/C - TX Multitouch Mixer



52-1156 front view and rear view

1 Mic/Line inputs, preamp, 48V
1 stereo headphone outputs

Mic/Line - A/D Converter

input sensitivity:	-77 dBu (at 0 dBFS = 18 dBu, max. analog gain= +63 dB, max. digital gain = +20 dB, reference level = +6 dBu)
maximum input level:	+18 dBu
gain setting:	analog gain: 0 dB, 10 dB ... 63 dB in 1 dB-steps, digital gain -20 dB ... +20 dB in 1 dB-steps
frequency response:	< 0.03 dB
input impedance:	5 kOhm
dynamic range:	> 111 dB (A-weighted)
signal to noise ratio:	> 109 dB (unweighted)
THD+N:	< -82 dB / 0.008% (-1 dBFS, +17 dBu, 0 dB analog / digital gain)
equivalent input noise:	< -127 dBu (150 Ohm source), < -126 dBu (200 Ohm source)
crosstalk:	< -110 dB (1 kHz)
phantom power 48V:	switchable per input channel, unloaded input: 48V +/- 10%
max. input level:	18 dBu (balanced)
common mode rejection:	> 45 dB

Mic/Line - A/D Converter

converter technology: 24 bit, oversampling sigma-delta

Headphones - D/A Converter

max. output level (single ended): 18 dBu

output impedance: 100 Ohm

load impedance (outputs short circuit protected): > 32 Ohm

frequency response: < 0.1 dB

THD+N: < -84 dB / 0.006% (-1 dBFS, 100 Ohm load)

crosstalk: < -80 dB (unbalanced)

dynamic range: > 107 dB (A-weighted)

signal to noise ratio: > 105 dB (unweighted)

DC offset voltage: < 10 mV

converter technology: 24 bit, oversampling sigma-delta

Further Information

power consumption: 15 W

sample frequency: 48 kHz or 44.1 kHz (automatically synchronised to the configured device system sample frequency)

connector style: audio input: XLR-3 female
audio output: combined XLR-3 female/ 1/4" TRS jack

**Note**

All values are typical values.

**Warning**

The wiring of microphone inputs of DHD microphone input modules is not designed to support operation with parallel external phantom power. Using it might result in damages of pre-amplifier or phantom power generator.