

Allen & Heath ZED 18 Specs

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| Total # Of Inputs | 18 |
| Mic/Line Inputs | 10 x 3-Pin XLR Female Mic Inputs (Balanced) 10 x 1/4" TRS Line Inputs (Balanced/Unbalanced) |
| Stereo Line Inputs | 8 x 1/4" TRS Line Inputs (Four Stereo Pairs, Balanced/Unbalanced) |
| In-Line Inputs>Returns | No |
| Aux Sends | 4 x 1/4" TRS Mono (Balanced) |
| Aux Returns | 2 x RCA Coaxial Line Inputs (One Stereo Pair, Unbalanced) |
| Inserts | 10 x 1/4" TRS on Mono Channels (Unbalanced) 2 x 1/4" TRS on Stereo Bus (Unbalanced) |
| BUS (Group) Outputs | No |
| Main Outputs | 2 x 3-Pin XLR Male (One Stereo Pair, Balanced) 1 x 1/4" TRS Mono (Balanced) |
| Monitor Outputs | 2 x RCA Coaxial Alt Outputs (One Stereo Pair, Unbalanced) |

1 x 1/4" TRS Stereo Headphone
Output (Unbalanced)
1 x 1/8" / 3.5 mm TRS Stereo
Headphone Output (Unbalanced)

2-Track I/O

2 x RCA Coaxial 2-Track Input (One
Stereo Pair, Unbalanced)
2 x RCA Coaxial 2-Track Output (One
Stereo Pair, Unbalanced)

ALT I/O

1 x USB Type-B (2-Channel
Send/Return)

EQ Section

High (All Channels): ± 15 dB at 12 kHz
Mid (Mono Channels): ± 15 dB at
Selectable Frequency (120 Hz to 4
kHz, Sweepable)
Low (All Channels): ± 15 dB at 80 Hz

High-Pass Filter

12 dB/Octave at 100 Hz, Switchable

Solo/Mute

Mute and PFL Solo

Channel Level Control

100 mm Fader

Trim/Gain Control

Rotary Control

Gain Range

Mic Inputs: -6 to +63 dB
Line Inputs: -10 to +26 dB
Stereo Inputs: $-\infty$ to +10 dB
Faders: $-\infty$ to +10 dB
Returns: $-\infty$ to +10 dB
Aux Masters: $-\infty$ to +6 dB
Alt Out: $-\infty$ to +6 dB

Phantom Power

+48 VDC, Globally Selectable

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| Metering | Dual 12-Segment LEDs Peak LED per Channel |
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| USB Specification | USB 1.1 Compliant |
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| Bit Depth | USB: 16-Bit |
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| Sample Rates | USB: 32 kHz, 44.1 kHz, or 48 kHz |
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| Nominal Input Level | Mic Input: -63 to +6 dBu Mono Line Input: -26 to +10 dBu Stereo Line Input: 0 dBu (+10 dB with Control Off) Insert Point: 0 dBu |
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| Maximum Input Level | Mic Input: +17 dBu Mono Line Input: +30 dBu Insert Point: +21 dBu |
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| Nominal Output Level | 0 dBu |
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| Maximum Output Level | +21 dBu |
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| Frequency Response | Mic In to Main Out (30 dB Gain): 20 Hz to 20 kHz (+0.5 dB, -1 dB) Line In to Main Out (0 dB Gain): 10 Hz to 30 kHz (+0.5 dB, -1 dB) Stereo In to Main Out: 10 Hz to 30 kHz (+0.5 dB, -1 dB) |
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| THD + N | Mic In to Main Out (0 dB Gain, 1 kHz, +10 dBu Out): 0.004% Mic In to Main Out (30 dB Gain, 1 kHz): 0.014% Line In to Main Out (0 dB Gain, 1 kHz, |
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0 dBu): 0.005%
Stereo In to Main Out (0 dB Gain, 1
kHz, +10 dBu): 0.003%

Headroom
Analog Headroom from Nominal (0
VU): 21 dB
USB In and Out Headroom from
Nominal (0 VU): 14 dB

Noise
Mic Pre EIN: -127 dBu (Maximum
Gain, 150-Ohm Input, 22 Hz to 22
kHz)
Main Out: -84 dBu (L/R Faders at 0,
22 Hz to 22 kHz)

Power Consumption
40 W Maximum

Power Requirements
100 to 240 VAC, 47 to 63 Hz

Dimensions (W x H x D)
18.3 x 3.9 x 18.3" / 46.4 x 9.8 x 46.5
cm

Weight
18.7 lb / 8.5 kg

Packaging Info

Package Weight
24 lb

Box Dimensions (LxWxH)
24.2 x 23.5 x 10.2"
