

K-Mix Technical Specifications*

AUDIO

INPUT CHANNELS	<ul style="list-style-type: none"> • 8 Balanced Inputs • Signals up to +28dBu
OUTPUT CHANNELS	<ul style="list-style-type: none"> • 10 Outputs (8 balanced)
BIT DEPTH	<ul style="list-style-type: none"> • 24-bit AKM Converters
SAMPLE RATE	<ul style="list-style-type: none"> • 44.1kHz, 48kHz, 88.2kHz, 96kHz

CONNECTIONS

ANALOG INPUTS	<ul style="list-style-type: none"> • 2 XLR/TRS combo jacks: <ul style="list-style-type: none"> » XLR Mic/Line Inputs (balanced) » Hi-Z Inst/Line 1/4" TRS Inputs (balanced) • 6 1/4" TRS Connectors (line level, balanced)
ANALOG OUTPUTS	<ul style="list-style-type: none"> • 8 1/4" TRS Connectors (balanced)
DIGITAL	<ul style="list-style-type: none"> • 1 Micro-USB (Audio I/O, MIDI I/O, Power) • 1 Mini-USB (MIDI I/O via KMI Expander, Power)

CONTROL

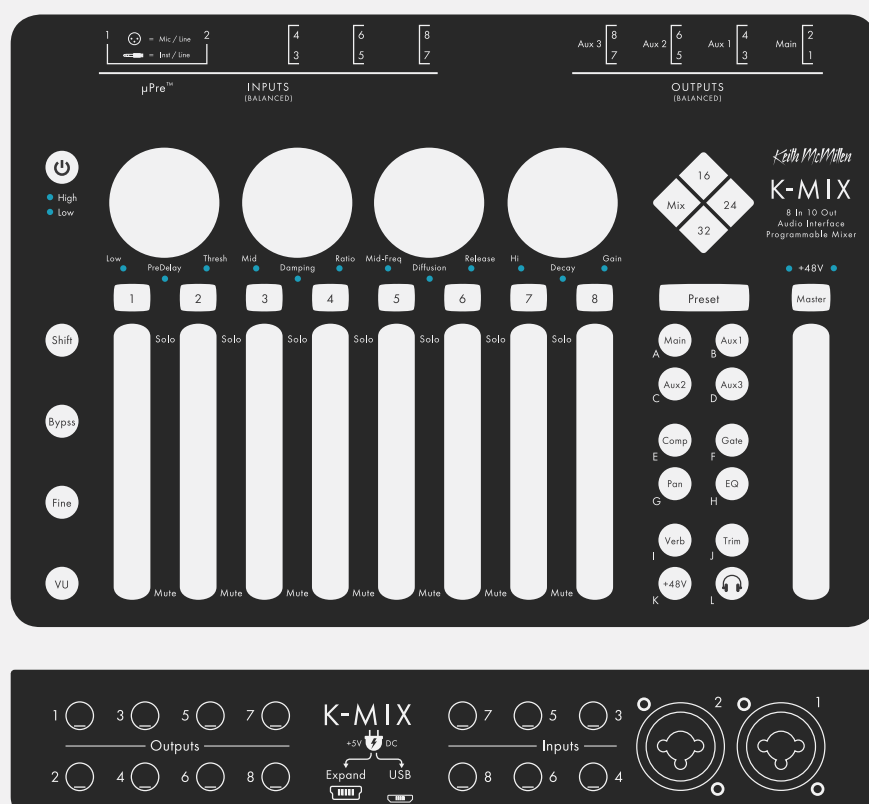
FADERS	<ul style="list-style-type: none"> • 8 channel faders (75mm) • 12 LED indicators per channel fader • 1 master fader with 24 LEDs • MIDI position CC output on all faders
ROTARIES	<ul style="list-style-type: none"> • 4 rotary controls (360°) • 16 LEDs per rotary • MIDI position CC output on all rotaries
BUTTONS	<ul style="list-style-type: none"> • 9 Channel Select Buttons • 4 Bank Select Buttons • 17 Function Buttons • MIDI note output on all buttons

MIC PREAMPS

NUMBER	<ul style="list-style-type: none"> • 2 ultra low-noise μPre™ mic pres
PHANTOM POWER	<ul style="list-style-type: none"> • +48V phantom power
GAIN	<ul style="list-style-type: none"> • +60db additional gain
THD + NOISE	<ul style="list-style-type: none"> • -107.6 dBu @ 0dB gain, 20Hz–20kHz (unweighted) • -120.5 dBu @ 0dB gain, 20Hz–20kHz (A weighted)
EIN	<ul style="list-style-type: none"> • -121.5 dBu, 150ohms @ 20Hz–20kHz, max gain (unweighted)
FREQUENCY RESPONSE	<ul style="list-style-type: none"> • \pm0.13dB @ 20Hz–20kHz (44.1kHz) • \pm0.56dB @ 20Hz–40kHz (96kHz)

PROCESSING

EQUALIZATION	<ul style="list-style-type: none"> • 3-band semi-parametric EQ • \pm18dB cut/boost
COMPRESSOR	<ul style="list-style-type: none"> • Compressor/Limiter on each channel • Adjustable threshold, attack, release, and makeup gain
GATE	<ul style="list-style-type: none"> • Noise gate on each channel • Adjustable threshold, attack, release, and gain reduction
REVERB	<ul style="list-style-type: none"> • Master reverb with individual sends per channel
SURROUND	<ul style="list-style-type: none"> • Quadraphonic, 5.1, 7.1, and Octophonic surround output • Each channel assignable to one of four surround panners



* Specifications subject to change