

SMX-2



:: Product Description

- * 12 inputs (2mic + 7line + 3phono) on 6 channels (5faders + 1DJ mic)
- * Special matrix input selector for maximum flexibility: exchange all inputs in a second!
- * 2 Master outputs:
 - * Master1 with signal trimming (balanced on XLR + unbalanced on cinch/RCA)
 - * Master2 (unbalanced on cinch/RCA)
- * Gain and 3-band tone controls with kill function -30dB on all channels
- * LED level meters with peak memory on all channels + Master
- * User replaceable, VCA controlled, high quality faders with curve control on all channels
- * User replaceable, VCA controlled, cross fader with curve control (soft  sharp cutoff)
- * Easy A/B channel selection for cross fader
- * Full featured phrase sampler (16bit / 44,1kHz CD quality):
 - * Works with high-speed SD-cards up to 512MB (almost 1 hour samples on 1 card!)
 - * Max. 100 memory banks with each 5 samples on every SD Card!
 - * Polyphony: 2 samples can be played together
 - * Seamless loops with editable begin and endpoints
 - * Sampler in/outputs assignable to any channel
- * Full automatic beat counters
- * Cross fader start control for compatible CD-players
- * 2 Beat synchronized Cross fader mixing effects
- * 8 Beat synchronized digital effects with user programmable effect presets:
 - * Echo

- * Autopan
- * Flanger
- * Manual filter (user programmable frequencies!)
- * Auto filter
- * Reverb (user programmable parameters!)
- * Trans
- * Pitch Shifter (user programmable parameters!)
- * Stereo effect send/return for external effect units.
- * LCD display with back-light for effects, sampler and beat counters
- * Effect Cue function
- * Adjustable DJ microphone talk-over function
- * High power Phones output with "cue/pgm mixing" possibility
- * Firmware upgradeable by SD-cards

:: Technical Information

Optional 19" adapters available !!!

Input/output impedance & sensitivity (EQ flat, max. gain, level meter = 0dB)

Line 2, 4, 6, 7 input: 340mV @ 20k Ohm (max = +4dBV)

Line 1, 3, 5 input: 340mV @ 47k Ohm (max = +4dBV)

Phono input: 3,4mV @ 47k Ohm (max = -36dBV)

Mic inputs: 3,4mV @ 10k Ohm (max = -36dBV)

Return: 525mV @ 10k Ohm

Send: 525mV @ 2k Ohm

Record output: 775mV @ 1k Ohm

Masters unbalanced: 1,55V @ 100 Ohm

Masters balanced: 3,00V @ 200 Ohm

Headphones: 3,00V @ 33 Ohm

Maximum output (EQ flat, max. gain, FX off, THD=1%, load is 100k Ohm)

Master1: More than +18dBV (8,0V)

Master2: More than +18dBV (8,0V)

Phones: More than +9,5dBV (3V) @ 32 Ohm

Frequency response (EQ flat, max. gain, level meter = 0dB, load is 100k Ohm)

Line: 25 - 20.000Hz +/-1dB

Phono: 25 - 20.000Hz +/-1dB (RIAA)

Mic: 25 - 20.000Hz +/-1dB

THD + Noise (EQ flat, max. gain, level meter = 0dB, load is 100k Ohm)

Line: less than 0,05% (25 - 20.000Hz)

Phono: less than 0,05% (1kHz A-weighted)

Mic: less than 0,2% (1kHz A-weighted)

Channel Crosstalk (EQ flat, max. gain, Master = 0dBV)

Crosstalk: More than 70dB @ 1kHz (between L,R & Channels)

Tone controls:

Mic: -12dB / +12dB @ 70Hz - 1kHz - 13kHz.

Input channels: -30dB / +10dB @ 70Hz - 1kHz - 13kHz.

Sampler unit:

Sample mode: 16Bit 44.1kHz/stereo

Polyphony: 2 voices

Compatible SD-cards: Write speed of the SD-card >2.5MB/s.

SD-card capacity: Max. 512MB

SD-card formatting: FAT16

20 Banks of 5 samples (100 Max)

General specs:

Power supply: 120V ~ 60Hz

Power consumption: 40Watts

Dimensions standard: 320 x 370 x 109mm (WxDxH)

Dimensions with optional 19" adapt.: 483 x 370 x 109 (WxDxH)

Weight: 7.00kg.