

microKORG XL+ Synthesizer/Vocoder

Product Specifications

Tone Generator System:

MMT (Multiple Modeling Technology)

Program

Multi Timbral:

Maximum 2 (when using Layer, Split, or Multi)

Voice polyphony:

Maximum 8 voices (when using Vocoder, it is 4 voices)

Structure:

[Synth] 2 oscillators + noise generator

Oscillator 1:

Waveform:

8 types (Sawtooth, Pulse, Triangle, Sine, Formant, Noise, DWGS, Audio In),

Modulation:

Waveform, Cross, Unison, VPM

Oscillator 2:

Waveform:

4 types (Sawtooth, Pulse, Triangle, Sine)

Modulation:

Ring, Sync, Ring+Sync

Waveshape:

Type:

Drive, Decimator, HardClip, OctSaw, MultiTri, MultiSin, SubOSCSaw, SubOSCSqu, SubOSCTri, SubOSCSin, LevelBoost,

Multimode Filters:

Filter 1:

-24 dB/oct LPF ~ -12 dB/oct LPF ~ -12 dB/oct BPF ~ -12 dB/oct HPF ~ Thru

Filter 2:

LPF, HPF, BPF (switchable)

Vocoder:

16 channel vocoder, adjustable level and pan for each channel, Formant Shift function, Formant Hold function

Keyboard:

37 notes (Natural Touch mini-keyboard, velocity sensitive)

Controller:

Pitch bend wheel

Modulation Wheel

Effects:

Timbre:

2 band EQ

Master effect:

2 units, 17 effect algorithms.

Arpeggiator:

Six types:

UP, DOWN, ALT1/2, Random, Trigger, Individual step on/off function

Programs:

128 programs (A/B banks x 8 genres x 8 category)

Inputs:

[AUDIO INPUT 1] (1/4" phone jack, unbalanced, with MIC/LINE switch) - Rear Panel

[AUDIO INPUT 1 (MIC)] (XLR jack / balanced) - Front Panel

Outputs:

[L/MONO, R] (1/4" Standard phone jacks / unbalanced)

[Phone] (1/4" Stereo Standard phone jacks)

MIDI:

IN, OUT

USB:

Type B

Display:

Custom LCD

Power Supply:

DC 9 V (AC adapter), or six AA alkaline batteries (sold separately)

Battery Life:

Approx. four hours (with alkaline batteries)

Dimensions:

556(W)x231(D)x73(H)mm/21.89"(W)x9.09"(D)x2.87"(H)

Weight:

2.0 kg/4.41 lbs. (without batteries and included microphone)

Accessories:

AC adapter, Gooseneck Microphone

Optional accessories:

Soft Case:

SC-micro MSG

Mobile Monitor Amplifier:

MMA-130 (It provides a DC9V output jack that can provide power to one of a number of Korg instruments like microKORG XL+)

microKORG XL Sound Editor

Operating requirements

Windows OS:

A computer that satisfies the operating requirements of Microsoft Windows XP/Vista and is equipped with a USB port

Microsoft Windows XP (SP3 or later), Windows Vista (SP1 or later)

Mac OS:

An Apple Macintosh computer that satisfies the operating requirements of Mac OS X and is equipped with a USB port and an Intel or Power PC processor

Mac OS X version 10.4 or later