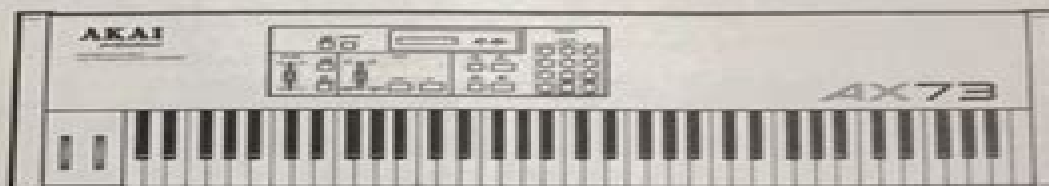


AKAI SERVICE MANUAL



PROGRAMMABLE POLYPHONIC SYNTHESIZER

MODEL AX73

CAUTION: Before servicing, to protect customer's sound data from being damaged, save all data to cassette tape.

SPECIFICATIONS

Key	73 Key 6-octave (C scale) (Key velocity)	Key assign	Poly. Unison
Voice	6 voice	Reset	VCO (- + 3 octave)
Tone generator	VCO (voltage controlled oscillator)		Cut-off frequency (Min to Max)
Internal memory	100 stored programs		Modulation depth (Min to Max)
External memory	Cassette interface		5 to 15%
PARAMETERS			
VCO section	Octave G, F, E, D, C		
	Waveforms		Value control volume
	1.		Value UP/DOWN Key
	Pulse width control		Save recall ON/OFF
	PRST Speed control		Compare ON/OFF
	EG depth control		Save
	Sample ON/OFF		Write
	Noise ON/OFF		Bank
VCF section	A-B Balance control		Two Key (bank, program, parameter, select)
	Cut-off frequency control		FWD/LOAD Key
	Resonance control		Q/SAVE Key
	Key follow control		SWD/VERIFY Key
	VCO modulation control		Master level control
	HPF control		Master tone ON/OFF
	EG depth and polarity switching (+/-)		Auto tone control (+/- 50 cents)
	Key velocity control		Memory protect ON/OFF
EG section	EG switching (VCF, VCA, VCF + VCA, VCA GATE)		LCF control control
	Attack time		Key transposer ON/OFF
	Decay time		Pitch bend/cut-off frequency wheel
	Sustain level		Modulation wheel
	Release time		LC display, LED
VCA section	Level		MIDI IN, OUT, THRU
LFO section	Velocity		Tape (LOAD-IN, SAVE-OUT)
	LFO switching (VCO, VCF, VCA)		Sampler input (1/3 pin/DIN)
	Waveforms		Sustain pedal
	1.		Program up
	Depth control		Audio output (LEFT (MONO), RIGHT)
	Speed control		Headphone
	Delay control		
Chorus	OFF, 1, 2		
		Dimensions	1,172 (W) x 330 (D) x 344 (H) mm
			(45.2 x 13.0 x 13.5 inches)
		Weight	17 kg (37.5 lbs)

* For improvement purposes, specifications and design are subject change without notice.

Akai Ax73 Manual

Julian Colbeck



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