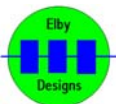




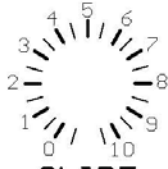


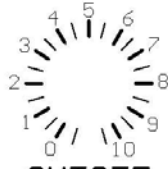

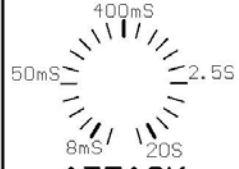


# AVRSynth User Guide

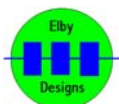
May 27<sup>th</sup> 2009



# AVRSynth

## Front Panel Controls

MIDI  GLIDE  DISABLE  MODWHEEL  Address . . . . 8 4 2 1  UP  DOWN	LFO  RATE   LEVEL  AR    DCO  ASR    DCF  TRI    FREE  SQU    KEY	DCO A  UP    SAW  DOWN    SQU	DCF  CUTOFF   ENV MOD  OFF    OFF  XOR    KBD  DCA GATE  AR/ASR	AR/ASR  ATTACK   RELEASE  OFF    OFF  SUST    REPT  POWER  ON
		DCO B  DETUNE    ON  UP    SAW  DOWN    SQU		AVR SYNTH ELBY Designs Jaroslaw Ziembicki



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# AVRSynth

DCO A	UP	Transpose UP by 1 octave
	DOWN	Transpose DOWN by 1 octave
	SAW - SQU	Select SAWTOOTH or SQUAREWAVE output
DCO B	DETUNE	Detune from DCO A
	ON	Enable/Disable DCO B
	UP	Transpose UP by 1 octave
	DOWN	Transpose DOWN by 1 octave
	SAW - SQU	Select SAWTOOTH or SQUAREWAVE output
LFO	RATE	Set the rate of the LFO
	LEVEL	Sets the output level of the LFO
	AR – ASR	Select Attack-Release or Attack-Sustain-Release Mode of control
	DCO – DCF	Select the modulation destination oscillators (DCO) or filter (DCF)
	TRI – SQU	Selects TRIANGLE or SQUAREWAVE output
	FREE – KEY	The LFO can either be free-running or enabled by any keypress
DCF	CUTOFF	Adjust the filters response
	ENV MOD	Adjust the depth of filter modulation
	OFF – XOR	Turn ON to add distortion to the filter output
	OFF – KBD	This allows the filter to track the keyboard
DCA	GATE – AR/ASR	When GATE is selected the DCA will either be fully OFF or fully ON. When AR/ASR is selected the gain of the DCA is defined by the envelope output
AR/ASR	ATTACK	Adjust ATTACK time from 8mS to 20 Seconds
	RELEASE	Adjust RELEASE time from 8mS to 20 Seconds
	OFF – SUST	Enable/Disable SUSTAIN portion of envelope
	OFF – REPEAT	Enable/Disable Auto REPEAT
MIDI	GLIDE	Adjust the GLIDE time between two consecutively played notes
	DISABLE - MODWHEEL	Enable/Disable MODWHEEL control
	ADDRESS	Set the MIDI Address to which the AVRSynth will respond
	UP – DOWN	Transpose both oscillators UP or DOWN by 1 octave

