

EXAMPLE PATCH 1: Comparator Sweep

This patch uses the sine wave's attenuated output (SINE a) to modulate the wave multiplier comparator value (WM comp). The wave multiplier output (WM) is patched into the clock divider input (CD) and uses the first division (/2) as a square wave sub oscillator.

The mix between the wave multiplier and sub oscillator is controlled with the respective amplitude controls (WM amp and /2 amp in the patch chart on the next page).

EXAMPLE 1: Comparator Sweep

OUT	CONNE	CTION	IN	KNOB
MM	1		WM freq	30%
SINE f			WM amp	50%
SINE a	2	2	WM comp	0%
AT 1			SINE amp	50%
AT 2			SINE freq	15%
/ 2	3		SINE sync	
/ 4			AT 1	-
/ 8			AT 2	-
/ 16		1	CD	
/ 32			/ 2 amp	50%
/ 64		3	AUDIO	
/ 128		- Tem	po: SINE fr	eq
/ 256		- vol	ume: WM amp	+ /2 amp
/ 512		- Tun	e: WM freq	

EXAMPLE 2: Asymmetric Rhythm

OUT	CONNI	ECTION	IN	KNOB		
MW		2	WM freq	20%		
SINE f	1	4	WM amp	20%		
SINE a		6	WM comp	20%		
AT 1	2		SINE amp	-		
AT 2	3	3	SINE freq	25%		
/ 2	4		SINE sync			
/ 4	5	5+8	AT 1	30%		
/ 8	6	7	AT 2	50%		
/ 16	7	1	CD			
/ 32	8		/ 2 amp	50%		
/ 64			AUDIO			
/ 128		- Tem	po: SINE fr	eq		
/ 256		- vol	ume: WM amp	+ /2 amp		
/ 512		- Tun	e: WM freq	+ AT 1		

- Stutter Rate: AT 2

EXAMPLE 3: Amplitude Modulation

OUT	CONN	ECTION	IN	KNOB
MM		3+4	WM freq	0%
SINE f	1	2	WM amp	0%
SINE a	2	5	WM comp	50%
AT 1	3		SINE amp	50%
AT 2	4		SINE freq	40%
/ 2	5		SINE sync	
/ 4		6	AT 1	40%
/ 8		7	AT 2	45%
/ 16		1	CD	
/ 32	6	8	/ 2 amp	0%
/ 64	7		AUDIO	
/ 128		- Tem	po: SINE fre	∍q
/ 256	8		ume: SINE ar	_
/ 512				_
			comp, AT 1 a	

knob position changes cause drastic variation in sound