



Blank Voicing Charts In The AFTER-TOUCH Format.

The chart on this page can be used to record voices programmed using the following algorithms: 1-11, 14-19, and 28. Connect the relevant operator boxes, add the feedback loop in the proper place, and fill in the blanks. Ignore the operator boxes that are not needed for the algorithm you are using.

WAVE	SPEED	DELAY	PMD	AMD	SYNC	PMS
LFO						
R1	R2	R3	R4			
L1	L2	L3	L4			
PITCH ENVELOPE				<div>KEY TRANSPOSE</div> <div>OSC SYNC</div>		

FUNCTIONS					
POLY/MONO	RANGE	STEP	MODE	GLISSANDO	TIME
PITCH BEND			PORTAMENTO		
(CONTROLLER)	RANGE	PITCH	AMPLITUDE	EG BIAS	
MOD WHEEL					
FOOT CONTROL					
BREATH CONTROL					
AFTERTOUCH					

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FREQUENCY		DETUNE		AMS	
ENVELOPE DATA					
R1	R2	R3	R4	RS	
L1	L2	L3	L4		
KEYBOARD SCALING					
CURVE	BREAKPOINT		DEPTH		
OP#	OUTPUT LEVEL		VELOCITY		

FUNCTIONS

POLY/MONO	RANGE	STEP	MODE	GLISSANDO	TIME
	PITCH BEND			PORTAMENTO	

(CONTROLLER)	RANGE	PITCH	AMPLITUDE	EG BIAS
MOD WHEEL				
FOOT CONTROL				
BREATH CONTROL				
AFTERTOUCH				

WAVE	SPEED	DELAY	PMD	AMD	SYNC	PMS

R1	R2	R3	R4
L1	L2	L3	L4

KEY TRANSPOSE

PITCH ENVELOPE

OSC SYNC

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

FREQUENCY	DETUNE	AMS
R1	R2	R3
L1	L2	L3
		L4
CURVE	KEYBOARD SCALING	DEPTH
	BREAKPOINT	
OP#	OUTPUT LEVEL	VELOCITY

The chart on this page can be used to record voices programmed using the following algorithms: 5-13 and 20-32. Connect the relevant operator boxes, add the feedback loop in the proper place, and fill in the blanks. Ignore the operator boxes that are not needed for the algorithm you are using.