

PATCH NAME: Electric Guitar, Bass/Treble

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG   OSCILLATOR   FILTER   LOUDNESS   HIGH OUTPUT   LOW OUTPUT   EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: 0	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 32', WAVEFORM OSCILLATOR - 2: RANGE 32', WAVEFORM OSCILLATOR - 3: RANGE LO, WAVEFORM		<b>MIXER</b> VOL: 5, 7, <input type="checkbox"/> EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -3.5 ATTACK TIME: 0 FILTER EMPHASIS: 0 DECAY TIME: 800 AMOUNT OF CONTOUR: 5 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL: 8 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
	<b>OSCILLATOR BANK</b> OSC3 CONTROL: <input type="checkbox"/>				

NOTES

Bass: 32' Range  
Treble: 8' Range with Keyboard control #2 on.

\*Osc-1 and Osc-2 in unison.

Use Pitch wheel for pitch-bending. Apply modulation to long tones. Sound will decay gradually when key is held; for prolonged sustain turn both SUSTAIN LEVEL controls to 5.  
MOOG 1121 Foot Switch may be used to control the DECAY switch to create gradual decays without finger sustain.

GLIDE:  ON  
 DECAY:  ON  
 PITCH:   
 MOD:

PATCH NAME: Balalaika (Mandolin)

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG   OSCILLATOR   FILTER   LOUDNESS   HIGH OUTPUT   LOW OUTPUT   EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: 0	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 4', WAVEFORM OSCILLATOR - 2: RANGE <input type="checkbox"/> , WAVEFORM <input type="checkbox"/> OSCILLATOR - 3: RANGE LO, WAVEFORM		<b>MIXER</b> VOL: 4, <input type="checkbox"/> EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: 0 ATTACK TIME: <input type="checkbox"/> FILTER EMPHASIS: 4 DECAY TIME: <input type="checkbox"/> AMOUNT OF CONTOUR: 0 SUSTAIN LEVEL: <input type="checkbox"/>	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
	<b>OSCILLATOR BANK</b> OSC3 CONTROL: <input type="checkbox"/>				

NOTES

Vary Osc-3 FREQUENCY control to alter the repetition rate. For mandolin, reduce CUTOFF FREQUENCY to -1.5.

GLIDE:  ON  
 DECAY:  ON  
 PITCH:   
 MOD:

PATCH NAME: Shamisen (Chinese plucked instrument)

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 0 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 4', WAVEFORM OSCILLATOR - 2: RANGE 4', WAVEFORM OSCILLATOR - 3: RANGE LO, WAVEFORM OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 5, 5, 0 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 FILTER EMPHASIS: 4 AMOUNT OF CONTOUR: 6 ATTACK TIME: 0 DECAY TIME: 400 SUSTAIN LEVEL: 4 ATTACK TIME: 0 DECAY TIME: 600 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

**NOTES**

\* Osc-1 and Osc-2 in unison. Play black keys only in middle of the keyboard.

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

PATCH NAME: Harpsichord

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 0 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM OSCILLATOR - 2: RANGE 8', WAVEFORM OSCILLATOR - 3: RANGE 0', WAVEFORM OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 3, 5, 0 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: 5 FILTER EMPHASIS: 7 AMOUNT OF CONTOUR: 0 ATTACK TIME: 0 DECAY TIME: 300 SUSTAIN LEVEL: 0 ATTACK TIME: 0 DECAY TIME: 300 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

**NOTES**

\* Osc-1 and Osc-2 in unison. Increase Amp DECAY TIME control to 700 for lower register of keyboard.

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

PATCH NAME: Electric Piano

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG    OSCILLATOR    FILTER    LOUDNESS    HIGH OUTPUT    LOW OUTPUT    EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 0 MODULATION MIX: 0 OSCILLATOR MODULATION: [ON]	<b>OSCILLATOR BANK</b> OSCILLATOR -1: RANGE 8', WAVEFORM ^ OSCILLATOR -2: [ ] [ ] [ ] OSCILLATOR -3: OSC-3 CONTROL LO, RANGE 3.5, WAVEFORM ^	<b>MIXER</b> VOL: 6 EXT. INPUT VOL: [ ] NOISE VOL: [ ] FILTER MODULATION: [ON]	<b>MODIFIERS</b> CUTOFF FREQUENCY: -3.5 FILTER EMPHASIS: 5 AMOUNT OF CONTOUR: 4 ATTACK TIME: 0 DECAY TIME: 600 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: [ON] A-440: [ ] VOL: [ ] PHONES: [ ] POWER ON: [ ]

NOTES

GLIDE: [ON]  
 DECAY: [ON]  
 PITCH: [ ]  
 MOD: [ ]

PATCH NAME: Violin

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG    OSCILLATOR    FILTER    LOUDNESS    HIGH OUTPUT    LOW OUTPUT    EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 4 MODULATION MIX: 0 OSCILLATOR MODULATION: [ON]	<b>OSCILLATOR BANK</b> OSCILLATOR -1: RANGE 4', WAVEFORM ^ OSCILLATOR -2: RANGE 4', WAVEFORM 0* OSCILLATOR -3: OSC-3 CONTROL LO, RANGE 3, WAVEFORM ^	<b>MIXER</b> VOL: 6 EXT. INPUT VOL: [ ] NOISE VOL: [ ] FILTER MODULATION: [ON]	<b>MODIFIERS</b> CUTOFF FREQUENCY: 0 FILTER EMPHASIS: 3 AMOUNT OF CONTOUR: 3 ATTACK TIME: 400 DECAY TIME: 1 SUSTAIN LEVEL: 6	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: [ON] A-440: [ ] VOL: [ ] PHONES: [ ] POWER ON: [ ]

NOTES

\* Osc-1 and Osc-2 in unison. Apply modulation gradually on sustained tones. Use MOOG 1120 Foot Pedal to control loudness. Use Moog 1121 Foot Switch to control Glide on/off for portamento effects. Use glide when appropriate.

GLIDE: [ON]  
 DECAY: [ON]  
 PITCH: [ ]  
 MOD: [ ]

PATCH NAME: Viola

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG OSCILLATOR FILTER LOUDNESS HIGH OUTPUT LOW OUTPUT EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 4 MODULATION MIX: 0 OSCILLATOR MODULATION: [ON]	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM [^] OSCILLATOR - 2: [ ] [ ] [ ] OSCILLATOR - 3: RANGE LO, 3, WAVEFORM [^] OSC-3 CONTROL: [ON]	<b>MIXER</b> VOL: 6 EXT. INPUT VOL. [ ] NOISE VOL. [ ] FILTER MODULATION: [ON] OVERLOAD: [ON] KEYBOARD CONTROL: 1 [ON], 2 [ON] WHITE [ ] PINK [ ]	<b>MODIFIERS</b> CUTOFF FREQUENCY: 0 ATTACK TIME: 600 FILTER EMPHASIS: 3 DECAY TIME: 1 AMOUNT OF CONTOUR: 3 SUSTAIN LEVEL: 6 ATTACK TIME: 600, DECAY TIME: 800, SUSTAIN LEVEL: 6	<b>OUTPUT</b> VOL: 4 MAIN OUTPUT: [ON] A-440 [ ] VOL. [ ] PHONES [ ] POWER ON [ ]

GLIDE [ON] [ ]  
 DECAY [ON] [ ]  
 PITCH [ ] [ ]  
 MOD [ ] [ ]

PATCH NAME: Cello

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG OSCILLATOR FILTER LOUDNESS HIGH OUTPUT LOW OUTPUT EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 5 MODULATION MIX: 0 OSCILLATOR MODULATION: [ON]	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 16', WAVEFORM [^] OSCILLATOR - 2: RANGE 16', 0*, WAVEFORM [^] OSCILLATOR - 3: RANGE LO, 3, WAVEFORM [^] OSC-3 CONTROL: [ON]	<b>MIXER</b> VOL: 3 EXT. INPUT VOL. [ ] NOISE VOL. [ ] FILTER MODULATION: [ON] OVERLOAD: [ON] KEYBOARD CONTROL: 1 [ON], 2 [ON] WHITE [ ] PINK [ ]	<b>MODIFIERS</b> CUTOFF FREQUENCY: 0 ATTACK TIME: 200 FILTER EMPHASIS: 0 DECAY TIME: 800 AMOUNT OF CONTOUR: 3 SUSTAIN LEVEL: 7 ATTACK TIME: 600, DECAY TIME: 1, SUSTAIN LEVEL: 7	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: [ON] A-440 [ ] VOL. [ ] PHONES [ ] POWER ON [ ]

GLIDE [ON] [ ]  
 DECAY [ON] [ ]  
 PITCH [ ] [ ]  
 MOD [ ] [ ]

PATCH NAME: Bass Viol, Bowed

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 5 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 32', WAVEFORM OSCILLATOR - 2: RANGE 32', WAVEFORM OSC3 CONTROL: <input type="checkbox"/> OSCILLATOR - 3: RANGE LO, WAVEFORM	<b>MIXER</b> VOL: 6, 4, [blank] EXT. INPUT VOL. [blank] NOISE VOL. [blank]	<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 ATTACK TIME: 400 FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> FILTER EMPHASIS: 0 DECAY TIME: 1 AMOUNT OF CONTOUR: 3.5 SUSTAIN LEVEL: 7 ATTACK TIME: 600 DECAY TIME: 1 SUSTAIN LEVEL: 6	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: [blank] VOL: [blank] PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

NOTES

\* Osc-1 and Osc-2 in unison.

Apply modulation gradually on sustained tones. Shorten ATTACK TIME setting on LOUDNESS CONTOUR for rapid passages. Use MOOG 1120 Foot Pedal to control loudness. Use MOOG 1121 Foot Switch to control GLIDE on/off for portamento effects.

GLIDE  ON

DECAY  ON

PITCH [vertical slider]

MOD [vertical slider]

PATCH NAME: Bass Viol, Plucked

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: [blank] MODULATION MIX: 0	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 32', WAVEFORM OSCILLATOR - 2: [blank] OSC3 CONTROL: <input type="checkbox"/> OSCILLATOR - 3: RANGE LO, WAVEFORM	<b>MIXER</b> VOL: 8, [blank], [blank] EXT. INPUT VOL. [blank] NOISE VOL. [blank]	<b>MODIFIERS</b> CUTOFF FREQUENCY: -3 ATTACK TIME: 0 FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> FILTER EMPHASIS: 4 DECAY TIME: 300 AMOUNT OF CONTOUR: 4 SUSTAIN LEVEL: 4 ATTACK TIME: 0 DECAY TIME: 700 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: [blank] VOL: [blank] PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

NOTES

Vary DECAY TIME control on LOUDNESS CONTOUR to create shorter tones in upper register.

GLIDE  ON

DECAY  ON

PITCH [vertical slider]

MOD [vertical slider]

PATCH NAME: Piccolo

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG    OSCILLATOR    FILTER    LOUDNESS    HIGH OUTPUT    LOW OUTPUT    EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: [ ] MODULATION MIX: 0 OSCILLATOR MODULATION: [ ]	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 2', WAVEFORM ^ OSCILLATOR - 2: [ ] [ ] [ ] OSCILLATOR - 3: OSC-3 CONTROL [ ], RANGE LO, WAVEFORM ^			<b>MIXER</b> VOL: 5 EXT. INPUT VOL: [ ] NOISE VOL: 0.3 FILTER MODULATION: [ ] OVERLOAD: [ ] KEYBOARD CONTROL: 1 [ ] 2 [ ] WHITE [ ] PINK [ ]			<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 4 ATTACK TIME: 200 DECAY TIME: 200 SUSTAIN LEVEL: 8			<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: [ ] A-440: [ ] VOL: [ ] PHONES: [ ] POWER ON: [ ]	
	<b>MODIFIERS</b> ATTACK TIME: 200 DECAY TIME: 200 SUSTAIN LEVEL: 8										

**NOTES**

Use modulation sparingly on sustained tones. Keep NOISE VOLUME just below edge of easy audibility.

GLIDE: [ ] ON  
 DECAY: [ ] ON  
 PITCH: [ ]  
 MOD: [ ]

PATCH NAME: Flute

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG    OSCILLATOR    FILTER    LOUDNESS    HIGH OUTPUT    LOW OUTPUT    EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: [ ] MODULATION MIX: 0 OSCILLATOR MODULATION: [ ]	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 4', WAVEFORM ^ OSCILLATOR - 2: [ ] [ ] [ ] OSCILLATOR - 3: OSC-3 CONTROL [ ], RANGE LO, WAVEFORM ^			<b>MIXER</b> VOL: 5 EXT. INPUT VOL: [ ] NOISE VOL: 0.3 FILTER MODULATION: [ ] OVERLOAD: [ ] KEYBOARD CONTROL: 1 [ ] 2 [ ] WHITE [ ] PINK [ ]			<b>MODIFIERS</b> CUTOFF FREQUENCY: -1 FILTER EMPHASIS: 4 AMOUNT OF CONTOUR: 2 ATTACK TIME: 200 DECAY TIME: 250 SUSTAIN LEVEL: 2			<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: [ ] A-440: [ ] VOL: [ ] PHONES: [ ] POWER ON: [ ]	
	<b>MODIFIERS</b> ATTACK TIME: 400 DECAY TIME: 250 SUSTAIN LEVEL: 6.5										

**NOTES**

Use heavier modulation on sustained tones. Not too much noise for air hiss sound. Play fast passage with staccato touch. Slow modulation speed for lower register.

GLIDE: [ ] ON  
 DECAY: [ ] ON  
 PITCH: [ ]  
 MOD: [ ]

PATCH NAME: Recorder Family

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

**CONTROLLERS**: TUNE 0, GLIDE, MODULATION MIX 0, OSCILLATOR MODULATION, OSC3 CONTROL.

**OSCILLATOR BANK**: OSCILLATOR -1 RANGE 2', WAVEFORM ^; OSCILLATOR -2; OSCILLATOR -3 RANGE LO, WAVEFORM ^.

**MIXER**: VOL 4, EXT. INPUT VOL, NOISE VOL 0.3, WHITE, PINK.

**MODIFIERS**: CUTOFF FREQUENCY -4, FILTER MODULATION, OVERLOAD, KEYBOARD CONTROL, ATTACK TIME 10, DECAY TIME 800, SUSTAIN LEVEL 6, ATTACK TIME 100, DECAY TIME 200, SUSTAIN LEVEL 8.

**OUTPUT**: VOL 5, MAIN OUTPUT ON, A-440, VOL, PHONES, POWER ON.

NOTES

Two octave playing ranges from middle C on keyboard or F below:

Sopranino	2'	f-f
Soprano	4'	c-c
Alto	4'	f-f
Tenor	8'	c-c
Bass	8'	f-f

Increase LOUDNESS CONTOUR ATTACK TIME for lower instruments.

GLIDE  ON

DECAY  ON

PITCH MOD

PATCH NAME: Clarinet (Bass Clarinet)

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

**CONTROLLERS**: TUNE 0, GLIDE, MODULATION MIX, OSCILLATOR MODULATION, OSC3 CONTROL.

**OSCILLATOR BANK**: OSCILLATOR -1 RANGE 8', WAVEFORM □; OSCILLATOR -2; OSCILLATOR -3.

**MIXER**: VOL 5, EXT. INPUT VOL, NOISE VOL, WHITE, PINK.

**MODIFIERS**: CUTOFF FREQUENCY 0, FILTER MODULATION, OVERLOAD, KEYBOARD CONTROL, ATTACK TIME 200, DECAY TIME 400, SUSTAIN LEVEL 8, ATTACK TIME 200, DECAY TIME 300, SUSTAIN LEVEL 8.

**OUTPUT**: VOL 5, MAIN OUTPUT ON, A-440, VOL, PHONES, POWER ON.

NOTES

For bass clarinet change RANGE 16' position. Place both ATTACK TIME controls at 400.

GLIDE  ON

DECAY  ON

PITCH MOD

PATCH NAME: Oboe

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: 0	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 4', WAVEFORM [Square Wave] OSCILLATOR - 2: [Blank] OSCILLATOR - 3: RANGE LO, 3, WAVEFORM [Sawtooth]	<b>MIXER</b> VOL: 4 EXT. INPUT VOL. [Blank] NOISE VOL. [Blank]	<b>MODIFIERS</b> CUTOFF FREQUENCY: 0 FILTER EMPHASIS: 5 AMOUNT OF CONTOUR: 3 ATTACK TIME: 10 DECAY TIME: 600 SUSTAIN LEVEL: 8 ATTACK TIME: 100 DECAY TIME: 200 SUSTAIN LEVEL: 8	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT [ON] A-440 [Blank] VOL. [Blank] PHONES [Blank] POWER ON [Blank]	
					<b>OSCILLATOR MODULATION</b> <input type="checkbox"/>

NOTES

Use a small amount of modulation

GLIDE  ON

DECAY  ON

PITCH [Slider]

MOD [Slider]

PATCH NAME: Bassoon (English Horn)

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: 0	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 16', WAVEFORM [Square Wave] OSCILLATOR - 2: [Blank] OSCILLATOR - 3: RANGE LO, 3, WAVEFORM [Sawtooth]	<b>MIXER</b> VOL: 4 EXT. INPUT VOL. [Blank] NOISE VOL. [Blank]	<b>MODIFIERS</b> CUTOFF FREQUENCY: -1 FILTER EMPHASIS: 6.5 AMOUNT OF CONTOUR: 0 ATTACK TIME: [Blank] DECAY TIME: [Blank] SUSTAIN LEVEL: [Blank] ATTACK TIME: 100 DECAY TIME: 200 SUSTAIN LEVEL: 8	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT [ON] A-440 [Blank] VOL. [Blank] PHONES [Blank] POWER ON [Blank]	
					<b>OSCILLATOR MODULATION</b> <input type="checkbox"/>

NOTES

Use a small amount of modulation

GLIDE  ON

DECAY  ON

PITCH [Slider]

MOD [Slider]



PATCH NAME: Trumpet

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM OSCILLATOR - 2: RANGE 8', WAVEFORM OSCILLATOR - 3: RANGE 8', WAVEFORM OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 5, 7, 9 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -3 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 4 ATTACK TIME: 400, 200 DECAY TIME: 400, 400 SUSTAIN LEVEL: 10, 10	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
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**NOTES**

Oscillators tuned to unison. Add oscillators for progressively fatter tutti sound.

GLIDE  ON

DECAY  ON

PITCH:

MOD:

PATCH NAME: Horn

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM OSCILLATOR - 2: RANGE <input type="checkbox"/> , WAVEFORM <input type="checkbox"/> OSCILLATOR - 3: RANGE <input type="checkbox"/> , WAVEFORM <input type="checkbox"/> OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 5, <input type="checkbox"/> , <input type="checkbox"/> EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 4 ATTACK TIME: 370, 10 DECAY TIME: 300, 300 SUSTAIN LEVEL: 8, 9	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
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**NOTES**

Alter FILTER ATTACK TIME and DECAY TIME controls to suit taste.

GLIDE  ON

DECAY  ON

PITCH:

MOD:

PATCH NAME: Trombone (Jazz)

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG   OSCILLATOR   FILTER   LOUDNESS   HIGH OUTPUT   LOW OUTPUT   EXT. INPUT SIGNAL

NOTES

Play in the middle and upper keyboard. Use PITCH modulation for scooping pitches. Add vibrato with MODULATION wheel.

GLIDE ON  
DECAY ON  
PITCH  
MOD

PATCH NAME: Tuba

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG   OSCILLATOR   FILTER   LOUDNESS   HIGH OUTPUT   LOW OUTPUT   EXT. INPUT SIGNAL

NOTES

Use small amount of modulation. Play articulated passages with staccato technique. Alter AMOUNT OF CONTOUR and CUTOFF FREQUENCY for brassy or muted effects.

GLIDE ON  
DECAY ON  
PITCH  
MOD

PATCH NAME: Xylophone

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: <input type="checkbox"/> OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 2', WAVEFORM ^ OSCILLATOR - 2: <input type="checkbox"/> <input type="checkbox"/> OSCILLATOR - 3: <input type="checkbox"/> <input type="checkbox"/> OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 5 EXT. INPUT VOL: <input type="checkbox"/> NOISE VOL: <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -4 FILTER EMPHASIS: 4 AMOUNT OF CONTOUR: 7 ATTACK TIME: 5 DECAY TIME: 200 SUSTAIN LEVEL: 0 ATTACK TIME: 5 DECAY TIME: 600 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

**NOTES**

Play in the middle and upper keyboard using a staccato technique.

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

PATCH NAME: Temple Blocks

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: <input type="checkbox"/> OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 4', WAVEFORM ^ OSCILLATOR - 2: RANGE 4', WAVEFORM ^ OSCILLATOR - 3: RANGE 0*, WAVEFORM ^ OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 8 EXT. INPUT VOL: <input type="checkbox"/> NOISE VOL: <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: 1 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 0 ATTACK TIME: <input type="checkbox"/> DECAY TIME: <input type="checkbox"/> SUSTAIN LEVEL: <input type="checkbox"/> ATTACK TIME: 5 DECAY TIME: 10 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

**NOTES**

\*Detuned from unison.

Detuning procedure:

1. Turn SUSTAIN LEVEL control to 5
2. Detune oscillators from unison to produce rapid beating
3. Return SUSTAIN LEVEL control to 0

Play rhythmically on the black keys near the middle of keyboard.

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

PATCH NAME: Drum Roll

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 0 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 0, WAVEFORM 0 OSCILLATOR - 2: RANGE 0, WAVEFORM 0 OSCILLATOR - 3: RANGE LO, WAVEFORM -4, OSC-3 CONTROL 0	<b>MIXER</b> VOL. 0, 0, 0 EXT. INPUT VOL. 0 NOISE VOL. 8 FILTER MODULATION: 1 ON, 2 ON OVERLOAD: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: 1 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 0 ATTACK TIME: 0, 0, 0 DECAY TIME: 0, 0, 0 SUSTAIN LEVEL: 0, 0, 10	<b>OUTPUT</b> VOL. 5 MAIN OUTPUT: <input type="checkbox"/>	A-440: <input type="checkbox"/> VOL. <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

**NOTES**

Depress and hold any key. Play rhythmically to create drum cadence.

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

PATCH NAME: Bass Drum

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 0 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 32', WAVEFORM 1 OSCILLATOR - 2: RANGE 32', WAVEFORM -2, OSC-3 CONTROL 0 OSCILLATOR - 3: RANGE 32', WAVEFORM -5, OSC-3 CONTROL 0	<b>MIXER</b> VOL. 8, 8, 8 EXT. INPUT VOL. 0 NOISE VOL. 0 FILTER MODULATION: 1 ON, 2 ON OVERLOAD: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -4 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 5 ATTACK TIME: 0, 0, 0 DECAY TIME: 0, 600, 800 SUSTAIN LEVEL: 0, 0, 0	<b>OUTPUT</b> VOL. 5 MAIN OUTPUT: <input type="checkbox"/>	A-440: <input type="checkbox"/> VOL. <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

**NOTES**

Strike and hold a note in the lowest octave of the keyboard.

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

PATCH NAME: Tinkling Bells

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>		<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 2', WAVEFORM ^ OSCILLATOR - 2: RANGE 2', WAVEFORM ^ OSCILLATOR - 3: RANGE LO, WAVEFORM L OSC-3 CONTROL: <input type="checkbox"/>			<b>MIXER</b> VOL. 3, 5, <input type="checkbox"/> EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1, 2 WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>			<b>MODIFIERS</b> CUTOFF FREQUENCY: -1 ATTACK TIME: <input type="checkbox"/> DECAY TIME: 800 SUSTAIN LEVEL: 0 FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1, 2 WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>			<b>OUTPUT</b> VOL. 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL. <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>	
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<input type="checkbox"/> GLIDE	<input type="checkbox"/> ON
<input type="checkbox"/> DECAY	<input type="checkbox"/> ON
<input type="checkbox"/> PITCH	<input type="checkbox"/>
<input type="checkbox"/> MOD	<input type="checkbox"/>

**NOTES**

Alter modulation amount. Strike and hold keys in low, middle, and high octaves of the keyboard.

PATCH NAME: Aquatarkus

SONG: Tarkus

ARTIST: Emerson, Lake, and Palmer



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 0 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM OSCILLATOR - 2: RANGE 8', WAVEFORM OSCILLATOR - 3: RANGE 8', WAVEFORM OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 8, 8, 8 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -3.5 ATTACK TIME: 10 FILTER EMPHASIS: 6 DECAY TIME: 200 AMOUNT OF CONTOUR: 6 SUSTAIN LEVEL: 5 ATTACK TIME: 0 DECAY TIME: 400 SUSTAIN LEVEL: 3	<b>OUTPUT</b> VOL: 8 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

NOTES

Tune oscillators to a fourth and a fifth from the root.

GLIDE  ON

DECAY  ON

PITCH:

MOD:

PATCH NAME: Smooth Lead

SONG: Trilogy

ARTIST: Emerson, Lake, and Palmer



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 5 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 16', WAVEFORM OSCILLATOR - 2: RANGE 2', WAVEFORM OSCILLATOR - 3: RANGE 16', WAVEFORM OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 2, 8, 2 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -1 ATTACK TIME: 0 FILTER EMPHASIS: 6 DECAY TIME: 800 AMOUNT OF CONTOUR: 3 SUSTAIN LEVEL: 0 ATTACK TIME: 0 DECAY TIME: 400 SUSTAIN LEVEL: 10	<b>OUTPUT</b> VOL: 8 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

NOTES

GLIDE  ON

DECAY  ON

PITCH:

MOD:

PATCH NAME: Fat Bass

SONG: Brain Salad Surgery

ARTIST: Emerson, Lake, and Palmer



EXT. S-TRIG OSCILLATOR FILTER LOUDNESS HIGH OUTPUT LOW OUTPUT EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: [ ] MODULATION MIX: 0	<b>OSCILLATOR BANK</b> OSCILLATOR -1: RANGE 32', WAVEFORM [ / ] OSCILLATOR -2: RANGE 16', WAVEFORM [ / ] OSCILLATOR -3: RANGE 16', WAVEFORM [ / ]			<b>MIXER</b> VOL: 10, 10, 10 EXT. INPUT VOL. [ ] NOISE VOL. [ ]			<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 FILTER EMPHASIS: 5 AMOUNT OF CONTOUR: 3.5 ATTACK TIME: 0, 0, 0 DECAY TIME: 300, 600 SUSTAIN LEVEL: 0, 5			<b>OUTPUT</b> VOL: 5 MAIN OUTPUT [ ] A-440 [ ] VOL: [ ] PHONES [ ] POWER ON [ ]	
	OSC3 CONTROL [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]	
	OSC3 CONTROL [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]	

GLIDE [ ] ON  
 DECAY [ ] ON  
 PITCH [ ]  
 MOD [ ]

Oscillators tuned to unison

NOTES

PATCH NAME: Steel Drum

SONG: Brain Salad Surgery

ARTIST: Emerson, Lake, and Palmer



EXT. S-TRIG OSCILLATOR FILTER LOUDNESS HIGH OUTPUT LOW OUTPUT EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: [ ] MODULATION MIX: 0	<b>OSCILLATOR BANK</b> OSCILLATOR -1: RANGE 2', WAVEFORM [ / ] OSCILLATOR -2: RANGE 2', WAVEFORM [ / ] OSCILLATOR -3: RANGE 16', WAVEFORM [ / ]			<b>MIXER</b> VOL: 10, 10, [ ] EXT. INPUT VOL. [ ] NOISE VOL. [ ]			<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 FILTER EMPHASIS: 5 AMOUNT OF CONTOUR: 5 ATTACK TIME: 0, 0, 0 DECAY TIME: 10, 400 SUSTAIN LEVEL: 0, 0			<b>OUTPUT</b> VOL: 8 MAIN OUTPUT [ ] A-440 [ ] VOL: [ ] PHONES [ ] POWER ON [ ]	
	OSC3 CONTROL [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]	
	OSC3 CONTROL [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]			FILTER MODULATION [ ] OVERLOAD [ ] KEYBOARD CONTROL [ ] WHITE [ ] PINK [ ]	

GLIDE [ ] ON  
 DECAY [ ] ON  
 PITCH [ ]  
 MOD [ ]

Osc-1 and Osc-2 in unison. Full modulation. Every key will produce a different sound—find your favorites!

NOTES

PATCH NAME: Buzzy Resonant Lead

SONG: Catherine of Aragon

ARTIST: Rick Wakeman



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE <input type="text"/> GLIDE <input type="text"/> MODULATION MIX <input type="text"/>		<b>OSCILLATOR BANK</b> OSCILLATOR - 1 RANGE 32' WAVEFORM OSCILLATOR - 2 RANGE 16' WAVEFORM OSCILLATOR - 3 RANGE 0 WAVEFORM OSC-3 CONTROL <input type="text"/>			<b>MIXER</b> VOL. 6 <input type="text"/> VOL. 6 <input type="text"/> EXT. INPUT VOL. <input type="text"/> NOISE VOL. <input type="text"/>			<b>MODIFIERS</b> CUTOFF FREQUENCY -1 <input type="text"/> ATTACK TIME 0 <input type="text"/> DECAY TIME 1 <input type="text"/> SUSTAIN LEVEL 0 <input type="text"/> FILTER EMPHASIS 6.8 <input type="text"/> DECAY TIME 800 <input type="text"/> SUSTAIN LEVEL 0 <input type="text"/> AMOUNT OF CONTOUR 4 <input type="text"/>			<b>OUTPUT</b> VOL. 6 <input type="text"/> MAIN OUTPUT <input type="checkbox"/> A-440 <input type="text"/> VOL. <input type="text"/> PHONES <input type="checkbox"/> POWER ON <input type="checkbox"/>	
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<input type="checkbox"/> GLIDE <input type="checkbox"/>	<input type="checkbox"/> ON
<input type="checkbox"/> DECAY <input type="checkbox"/>	<input type="checkbox"/> ON
<input type="text"/>	<input type="text"/>
PITCH	MOD

NOTES



PATCH NAME: Good Sound

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: 0	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM OSCILLATOR - 2: RANGE 2', WAVEFORM OSCILLATOR - 3: RANGE 4', WAVEFORM OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 5, 5, 5 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: 3.5 FILTER EMPHASIS: 3 AMOUNT OF CONTOUR: 6 ATTACK TIME: 0 DECAY TIME: 200 SUSTAIN LEVEL: 5 ATTACK TIME: 0 DECAY TIME: 600 SUSTAIN LEVEL: 5	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
	<b>OSCILLATOR BANK</b> (continued)			

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

NOTES  
Tune oscillators to triads or fifths. Alter RANGE settings.

PATCH NAME: Goom

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM OSCILLATOR - 2: RANGE 8', WAVEFORM OSCILLATOR - 3: RANGE 8', WAVEFORM OSC-3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 6, 6, 6 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -1.5 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 7 ATTACK TIME: 0 DECAY TIME: 800 SUSTAIN LEVEL: 8 ATTACK TIME: 10 DECAY TIME: 1 SUSTAIN LEVEL: 5	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
	<b>OSCILLATOR BANK</b> (continued)			

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

NOTES  
All oscillators in unison.

PATCH NAME: The Moog™ Sound

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 4 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 16', WAVEFORM OSCILLATOR - 2: RANGE 16', WAVEFORM OSCILLATOR - 3: RANGE LO, WAVEFORM OSC 3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 8, 5, 0 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -3 FILTER EMPHASIS: 7 AMOUNT OF CONTOUR: 7 ATTACK TIME: 1 DECAY TIME: 600 SUSTAIN LEVEL: 5 ATTACK TIME: 0 DECAY TIME: 1 SUSTAIN LEVEL: 7	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

GLIDE  ON

DECAY  ON

PITCH

MOD

NOTES  
Oscillators 1 and 2 tuned to a perfect fifth.

PATCH NAME: The T.L.R. Sound

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 5 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 16', WAVEFORM OSCILLATOR - 2: RANGE 2', WAVEFORM OSCILLATOR - 3: RANGE LO, WAVEFORM OSC 3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL: 8, 8, 0 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. 8 <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -3 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 0 ATTACK TIME: 0 DECAY TIME: 800 SUSTAIN LEVEL: 5 ATTACK TIME: 0 DECAY TIME: 800 SUSTAIN LEVEL: 5	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>

GLIDE  ON

DECAY  ON

PITCH

MOD

NOTES  
Oscillators in unison; octaves altered.  
Alternate white noise with pitched sound.  
Glide optional.  
Play through chords rapidly—invent figures.

PATCH NAME: Moon Chord

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 16', WAVEFORM [Square Wave] OSCILLATOR - 2: RANGE 16', WAVEFORM [Sawtooth] OSCILLATOR - 3: RANGE 16', WAVEFORM [Square Wave]		<b>MIXER</b> VOL. 3, 6, 3 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>		<b>MODIFIERS</b> CUTOFF FREQUENCY: -1 FILTER EMPHASIS: 7 AMOUNT OF CONTOUR: 4 ATTACK TIME: 600 DECAY TIME: 600 SUSTAIN LEVEL: 5 ATTACK TIME: 0 DECAY TIME: 2 SUSTAIN LEVEL: 10			<b>OUTPUT</b> VOL. 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL. <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>	
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**NOTES**

Osc-2 in unison with Osc-1. Osc-3 tuned to an augmented fourth.

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

PATCH NAME: Hindemoog

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 5 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM [Sawtooth] OSCILLATOR - 2: RANGE 8', WAVEFORM [Rectangular Wave] OSCILLATOR - 3: RANGE LO, WAVEFORM [Rectangular Wave]		<b>MIXER</b> VOL. 8, 8, <input type="checkbox"/> EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>		<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 0 ATTACK TIME: <input type="checkbox"/> DECAY TIME: <input type="checkbox"/> SUSTAIN LEVEL: <input type="checkbox"/> ATTACK TIME: 0 DECAY TIME: 600 SUSTAIN LEVEL: 0			<b>OUTPUT</b> VOL. 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL. <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>	
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**NOTES**

Oscillators tuned to a perfect fifth. Second rectangular wave gives 3/4 time.

Glide optional.

Set modulation wheel so that alternating interval is a perfect fifth.

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

PATCH NAME: Hommage a Badings

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 8 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM ^ OSCILLATOR - 2: RANGE 8', WAVEFORM ^ OSCILLATOR - 3: RANGE 4', WAVEFORM ^, OSC-3 CONTROL <input type="checkbox"/>	<b>MIXER</b> VOL: 8, 8, 8 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE <input type="checkbox"/> PINK <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -5 ATTACK TIME: 400 FILTER EMPHASIS: 0 DECAY TIME: 700 AMOUNT OF CONTOUR: 5 SUSTAIN LEVEL: 5	<b>OUTPUT</b> VOL: 8 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
	<b>OSCILLATOR - 1</b> RANGE: 8', WAVEFORM: ^ <b>OSCILLATOR - 2</b> RANGE: 8', WAVEFORM: ^ <b>OSCILLATOR - 3</b> RANGE: 4', WAVEFORM: ^, OSC-3 CONTROL: <input type="checkbox"/>			CUTOFF FREQUENCY: -5 ATTACK TIME: 400 FILTER EMPHASIS: 0 DECAY TIME: 700 AMOUNT OF CONTOUR: 5 SUSTAIN LEVEL: 5

GLIDE  ON

DECAY  ON

PITCH

MOD

**NOTES**

Oscillators tuned to augmented triad (consecutive major thirds).

PATCH NAME: Ring Modulator Effects

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 8 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 8', WAVEFORM □ OSCILLATOR - 2: RANGE 0, WAVEFORM □ OSCILLATOR - 3: RANGE 32', WAVEFORM □, OSC-3 CONTROL <input type="checkbox"/>	<b>MIXER</b> VOL: 8, 0, 0 EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE <input type="checkbox"/> PINK <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: 5 ATTACK TIME: 200 FILTER EMPHASIS: 0 DECAY TIME: 700 AMOUNT OF CONTOUR: 6 SUSTAIN LEVEL: 5	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
	<b>OSCILLATOR - 1</b> RANGE: 8', WAVEFORM: □ <b>OSCILLATOR - 2</b> RANGE: 0, WAVEFORM: □ <b>OSCILLATOR - 3</b> RANGE: 32', WAVEFORM: □, OSC-3 CONTROL: <input type="checkbox"/>			CUTOFF FREQUENCY: 5 ATTACK TIME: 200 FILTER EMPHASIS: 0 DECAY TIME: 700 AMOUNT OF CONTOUR: 6 SUSTAIN LEVEL: 5

GLIDE  ON

DECAY  ON

PITCH

MOD

**NOTES**

GLIDE optional.

Vary Osc-3 FREQUENCY control. Vary MOD wheel.

PATCH NAME: Vree oo Bleep-bleep!

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 0 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR -1: RANGE 0, WAVEFORM 0 OSCILLATOR -2: RANGE 0, WAVEFORM 0 OSCILLATOR -3: RANGE LO, WAVEFORM 0 OSC3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL. 1: <input type="checkbox"/> ON VOL. 2: <input type="checkbox"/> ON VOL. 3: <input type="checkbox"/> ON EXT. INPUT VOL.: 0 NOISE VOL.: 0 FILTER MODULATION: <input type="checkbox"/> ON OVERLOAD: <input type="checkbox"/> ON KEYBOARD CONTROL: 1 <input type="checkbox"/> ON, 2 <input type="checkbox"/> ON WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -5 ATTACK TIME: 1 FILTER EMPHASIS: 10 DECAY TIME: 7 AMOUNT OF CONTOUR: 10 SUSTAIN LEVEL: 0 ATTACK TIME: 0 DECAY TIME: 7 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL.: 5 MAIN OUTPUT: <input type="checkbox"/> ON A-440: <input type="checkbox"/> VOL.: 0 PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>			

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

**NOTES**

Depress one key and hold until tone cycle is complete.

PATCH NAME: Running Rhythm

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 5 MODULATION MIX: 0 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR -1: RANGE 16', WAVEFORM ^ OSCILLATOR -2: RANGE 16', WAVEFORM ^ OSCILLATOR -3: RANGE LO, WAVEFORM 3 OSC3 CONTROL: <input type="checkbox"/>	<b>MIXER</b> VOL. 1: 8 <input type="checkbox"/> ON VOL. 2: 8 <input type="checkbox"/> ON VOL. 3: <input type="checkbox"/> ON EXT. INPUT VOL.: 0 NOISE VOL.: 0 FILTER MODULATION: <input type="checkbox"/> ON OVERLOAD: <input type="checkbox"/> ON KEYBOARD CONTROL: 1 <input type="checkbox"/> ON, 2 <input type="checkbox"/> ON WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 ATTACK TIME: 0 FILTER EMPHASIS: 4 DECAY TIME: 400 AMOUNT OF CONTOUR: 4 SUSTAIN LEVEL: 10 ATTACK TIME: 0 DECAY TIME: 400 SUSTAIN LEVEL: 10	<b>OUTPUT</b> VOL.: 8 MAIN OUTPUT: <input type="checkbox"/> ON A-440: <input type="checkbox"/> VOL.: 0 PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>			

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

**NOTES**

A rhythmic ostinato in the bass register.  
Glide is optional.

PATCH NAME: Night Creatures

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: <input type="checkbox"/> OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE 4', WAVEFORM ^ OSCILLATOR - 2: RANGE 4', WAVEFORM ^ OSCILLATOR - 3: RANGE LO, WAVEFORM ^	<b>MIXER</b> VOL: 8, 8, <input type="checkbox"/> EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. <input type="checkbox"/> FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -1 FILTER EMPHASIS: 5 AMOUNT OF CONTOUR: 0 ATTACK TIME: <input type="checkbox"/> DECAY TIME: <input type="checkbox"/> SUSTAIN LEVEL: <input type="checkbox"/> ATTACK TIME: 0 DECAY TIME: 800 SUSTAIN LEVEL: 0	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
	<b>OSC3 CONTROL</b> : <input type="checkbox"/>			

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

Play various registers of the keyboard.

NOTES

PATCH NAME: Jet Plane

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: <input type="checkbox"/> MODULATION MIX: 10 OSCILLATOR MODULATION: <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE <input type="checkbox"/> , WAVEFORM <input type="checkbox"/> OSCILLATOR - 2: RANGE <input type="checkbox"/> , WAVEFORM <input type="checkbox"/> OSCILLATOR - 3: RANGE <input type="checkbox"/> , WAVEFORM <input type="checkbox"/>	<b>MIXER</b> VOL: <input type="checkbox"/> , <input type="checkbox"/> , <input type="checkbox"/> EXT. INPUT VOL. <input type="checkbox"/> NOISE VOL. 10 FILTER MODULATION: <input type="checkbox"/> OVERLOAD: <input type="checkbox"/> KEYBOARD CONTROL: 1 <input type="checkbox"/> 2 <input type="checkbox"/> WHITE: <input type="checkbox"/> PINK: <input type="checkbox"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY: -5 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 10 ATTACK TIME: <input type="checkbox"/> DECAY TIME: <input type="checkbox"/> SUSTAIN LEVEL: <input type="checkbox"/> ATTACK TIME: 10 DECAY TIME: 10 SUSTAIN LEVEL: 10 ATTACK TIME: 5 DECAY TIME: 10 SUSTAIN LEVEL: 10	<b>OUTPUT</b> VOL: 10 MAIN OUTPUT: <input type="checkbox"/> A-440: <input type="checkbox"/> VOL: <input type="checkbox"/> PHONES: <input type="checkbox"/> POWER ON: <input type="checkbox"/>
	<b>OSC3 CONTROL</b> : <input type="checkbox"/>			

GLIDE:  ON

DECAY:  ON

PITCH:

MOD:

Depress and hold any key. Release key at peak of sound and slowly rotate the EMPHASIS control to 7 and return to 0.

NOTES

PATCH NAME: Surf

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE <input type="text"/> GLIDE <input type="text"/> 10 MODULATION MIX <input type="text"/> 10 OSCILLATOR MODULATION <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1 RANGE <input type="text"/> WAVEFORM <input type="text"/> OSCILLATOR - 2 <input type="text"/> <input type="text"/> OSCILLATOR - 3 <input type="text"/> <input type="text"/> OSC-3 CONTROL <input type="text"/>	<b>MIXER</b> VOL. <input type="text"/> <input type="checkbox"/> ON EXT. INPUT VOL. <input type="text"/> <input type="checkbox"/> ON NOISE VOL. <input type="text"/> 8 EXT. INPUT SIGNAL <input type="checkbox"/> ON FILTER MODULATION <input type="checkbox"/> ON OVERLOAD <input type="checkbox"/> ON KEYBOARD CONTROL <input type="checkbox"/> ON 1 2 WHITE <input type="text"/> PINK <input type="text"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY <input type="text"/> -2 ATTACK TIME <input type="text"/> 3 FILTER EMPHASIS <input type="text"/> 0 DECAY TIME <input type="text"/> 1 AMOUNT OF CONTOUR <input type="text"/> 4 SUSTAIN LEVEL <input type="text"/> 2 ATTACK TIME <input type="text"/> 800 DECAY TIME <input type="text"/> 3 SUSTAIN LEVEL <input type="text"/> 0	<b>OUTPUT</b> VOL. <input type="text"/> 8 MAIN OUTPUT <input type="checkbox"/> ON A-440 <input type="text"/> VOL. <input type="text"/> PHONES <input type="checkbox"/> POWER ON <input type="checkbox"/>
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GLIDE  ON

DECAY  ON

PITCH

MOD

NOTES

Play lowest key, then highest key, then release.

PATCH NAME: Thunder

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE <input type="text"/> GLIDE <input type="text"/> 10 MODULATION MIX <input type="text"/> 8 OSCILLATOR MODULATION <input type="checkbox"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1 RANGE <input type="text"/> WAVEFORM <input type="text"/> OSCILLATOR - 2 <input type="text"/> <input type="text"/> OSCILLATOR - 3 <input type="text"/> <input type="text"/> OSC-3 CONTROL <input type="text"/>	<b>MIXER</b> VOL. <input type="text"/> <input type="checkbox"/> ON EXT. INPUT VOL. <input type="text"/> <input type="checkbox"/> ON NOISE VOL. <input type="text"/> 8 EXT. INPUT SIGNAL <input type="checkbox"/> ON FILTER MODULATION <input type="checkbox"/> ON OVERLOAD <input type="checkbox"/> ON KEYBOARD CONTROL <input type="checkbox"/> ON 1 2 WHITE <input type="text"/> PINK <input type="text"/>	<b>MODIFIERS</b> CUTOFF FREQUENCY <input type="text"/> -3 ATTACK TIME <input type="text"/> 0 FILTER EMPHASIS <input type="text"/> 0 DECAY TIME <input type="text"/> 800 AMOUNT OF CONTOUR <input type="text"/> 4 SUSTAIN LEVEL <input type="text"/> 0 ATTACK TIME <input type="text"/> 0 DECAY TIME <input type="text"/> 5 SUSTAIN LEVEL <input type="text"/> 0	<b>OUTPUT</b> VOL. <input type="text"/> 10 MAIN OUTPUT <input type="checkbox"/> ON A-440 <input type="text"/> VOL. <input type="text"/> PHONES <input type="checkbox"/> POWER ON <input type="checkbox"/>
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GLIDE  ON

DECAY  ON

PITCH

MOD

NOTES

Play an upper key rapidly followed by a lower key. Increase AMOUNT OF CONTOUR to 5 for closer thunderclaps.

PATCH NAME: Wind

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: 10 MODULATION MIX: 8 OSCILLATOR MODULATION: ON	<b>OSCILLATOR BANK</b> OSCILLATOR -1: RANGE 32', WAVEFORM ^ OSCILLATOR -2: RANGE 32', WAVEFORM ^ OSCILLATOR -3: RANGE LO, WAVEFORM ^ OSC-3 CONTROL: ON	<b>MIXER</b> VOL: 4, 4, 8 EXT. INPUT VOL: 8 NOISE VOL: 8 FILTER MODULATION: ON OVERLOAD: ON KEYBOARD CONTROL: ON WHITE: ON PINK: ON	<b>MODIFIERS</b> CUTOFF FREQUENCY: -2 FILTER EMPHASIS: 7 AMOUNT OF CONTOUR: 5 ATTACK TIME: 5, 5, 0 DECAY TIME: 5, 5, 0 SUSTAIN LEVEL: 0, 0, 0	<b>OUTPUT</b> VOL: 5 MAIN OUTPUT: ON A-440: _____ VOL: _____ PHONES: _____ POWER ON: _____

GLIDE  ON

DECAY  ON

PITCH: \_\_\_\_\_

MOD: \_\_\_\_\_

PATCH NAME: Exploding Bomb

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE: 0 GLIDE: _____ MODULATION MIX: _____ OSCILLATOR MODULATION: ON	<b>OSCILLATOR BANK</b> OSCILLATOR -1: RANGE 32', WAVEFORM ^ OSCILLATOR -2: RANGE 32', WAVEFORM ^ OSCILLATOR -3: RANGE -1, WAVEFORM ^ OSC-3 CONTROL: _____	<b>MIXER</b> VOL: 4, 4, 8 EXT. INPUT VOL: _____ NOISE VOL: 8 FILTER MODULATION: ON OVERLOAD: ON KEYBOARD CONTROL: ON WHITE: _____ PINK: _____	<b>MODIFIERS</b> CUTOFF FREQUENCY: 5 FILTER EMPHASIS: 0 AMOUNT OF CONTOUR: 7 ATTACK TIME: 0, 1, 0 DECAY TIME: 0, 5, 5 SUSTAIN LEVEL: 0, 0, 0	<b>OUTPUT</b> VOL: 10 MAIN OUTPUT: ON A-440: _____ VOL: _____ PHONES: _____ POWER ON: _____

GLIDE  ON

DECAY  ON

PITCH: \_\_\_\_\_

MOD: \_\_\_\_\_



PATCH NAME: Gasoline Engine

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG   OSCILLATOR   FILTER   LOUDNESS   HIGH OUTPUT   LOW OUTPUT   EXT. INPUT SIGNAL

The patch panel for 'Gasoline Engine' features the following settings:

- CONTROLLERS:** TUNE 0, GLIDE (off), MODULATION MIX 10, OSCILLATOR MODULATION (off), OSC-3 CONTROL (off).
- OSCILLATOR BANK:** OSC-1 RANGE (off), WAVEFORM (off); OSC-2 RANGE (off), WAVEFORM (off); OSC-3 RANGE 32', WAVEFORM -5, WAVEFORM (off).
- MIXER:** VOL. (off), EXT. INPUT VOL. (off), NOISE VOL. (off), 8.
- MODIFIERS:** CUTOFF FREQUENCY 1, FILTER MODULATION (off), OVERLOAD (off), KEYBOARD CONTROL 1 (off), 2 (off), ATTACK TIME 0, FILTER EMPHASIS 0, DECAY TIME 200, AMOUNT OF CONTOUR 0, SUSTAIN LEVEL 8.
- OUTPUT:** VOL. 8, MAIN OUTPUT (on), A-440 (off), VOL. (off), PHONES (off), POWER ON (off).

NOTES

Depress key. Change speed of engine by altering Osc-3 FREQUENCY control.

Control indicator diagram showing GLIDE (off), DECAY (off), PITCH (off), and MOD (off).

PATCH NAME: Heartbeat

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG   OSCILLATOR   FILTER   LOUDNESS   HIGH OUTPUT   LOW OUTPUT   EXT. INPUT SIGNAL

The patch panel for 'Heartbeat' features the following settings:

- CONTROLLERS:** TUNE (off), GLIDE (off), MODULATION MIX (off), OSCILLATOR MODULATION (off), OSC-3 CONTROL (off).
- OSCILLATOR BANK:** OSC-1 RANGE (off), WAVEFORM (off); OSC-2 RANGE (off), WAVEFORM (off); OSC-3 RANGE LO, WAVEFORM -2.5, WAVEFORM (off).
- MIXER:** VOL. (off), EXT. INPUT VOL. (off), NOISE VOL. (off), 8.
- MODIFIERS:** CUTOFF FREQUENCY -2, FILTER MODULATION (off), OVERLOAD (off), KEYBOARD CONTROL 1 (off), 2 (off), ATTACK TIME 10, FILTER EMPHASIS 0, DECAY TIME 10, AMOUNT OF CONTOUR 0, SUSTAIN LEVEL 10.
- OUTPUT:** VOL. 8, MAIN OUTPUT (on), A-440 (off), VOL. (off), PHONES (off), POWER ON (off).

NOTES

Depress any key.

Control indicator diagram showing GLIDE (off), DECAY (off), PITCH (off), and MOD (off).

PATCH NAME: Siren

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE <input type="text"/> GLIDE <input type="text"/> MODULATION MIX <input type="text"/>	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE <input type="text"/> WAVEFORM <input type="text"/> OSCILLATOR - 2: RANGE <input type="text"/> WAVEFORM <input type="text"/> OSCILLATOR - 3: RANGE <input type="text"/> WAVEFORM <input type="text"/> OSC-3 CONTROL <input type="text"/>			<b>MIXER</b> VOL. <input type="text"/> <input type="checkbox"/> ON EXT. INPUT VOL. <input type="text"/> <input type="checkbox"/> ON NOISE VOL. <input type="text"/> <input type="checkbox"/> ON FILTER MODULATION <input type="checkbox"/> ON OVERLOAD <input type="checkbox"/> ON KEYBOARD CONTROL 1 <input type="checkbox"/> ON KEYBOARD CONTROL 2 <input type="checkbox"/> ON WHITE <input type="text"/> PINK <input type="text"/>			<b>MODIFIERS</b> CUTOFF FREQUENCY: -4 FILTER EMPHASIS: 10 AMOUNT OF CONTOUR: 5 ATTACK TIME: 5 DECAY TIME: 5 SUSTAIN LEVEL: 5 ATTACK TIME: 200 DECAY TIME: 5 SUSTAIN LEVEL: 5			<b>OUTPUT</b> VOL. <input type="text"/> 5 MAIN OUTPUT <input type="checkbox"/> ON A-440 <input type="text"/> VOL. <input type="text"/> PHONES <input type="checkbox"/> POWER ON <input type="checkbox"/>	
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**NOTES**

Depress any key. The FILTER can produce a pure sine waveform. The CUTOFF FREQUENCY control establishes the pitch of this tone.

GLIDE  ON

DECAY  ON

PITCH

MOD

PATCH NAME: Whistlers

SONG: \_\_\_\_\_

ARTIST: \_\_\_\_\_



EXT. S-TRIG  OSCILLATOR  FILTER  LOUDNESS

HIGH OUTPUT  LOW OUTPUT  EXT. INPUT SIGNAL

<b>CONTROLLERS</b> TUNE <input type="text"/> GLIDE <input type="text"/> 5 MODULATION MIX <input type="text"/> 8	<b>OSCILLATOR BANK</b> OSCILLATOR - 1: RANGE <input type="text"/> WAVEFORM <input type="text"/> OSCILLATOR - 2: RANGE <input type="text"/> WAVEFORM <input type="text"/> OSCILLATOR - 3: RANGE <input type="text"/> WAVEFORM <input type="text"/> OSC-3 CONTROL <input type="text"/> LO 3 ^			<b>MIXER</b> VOL. <input type="text"/> 8 <input type="checkbox"/> ON EXT. INPUT VOL. <input type="text"/> <input type="checkbox"/> ON NOISE VOL. <input type="text"/> <input type="checkbox"/> ON FILTER MODULATION <input type="checkbox"/> ON OVERLOAD <input type="checkbox"/> ON KEYBOARD CONTROL 1 <input type="checkbox"/> ON KEYBOARD CONTROL 2 <input type="checkbox"/> ON WHITE <input type="text"/> PINK <input type="text"/>			<b>MODIFIERS</b> CUTOFF FREQUENCY: -1 FILTER EMPHASIS: 10 AMOUNT OF CONTOUR: 0 ATTACK TIME: <input type="text"/> DECAY TIME: <input type="text"/> SUSTAIN LEVEL: <input type="text"/> ATTACK TIME: 200 DECAY TIME: 200 SUSTAIN LEVEL: 5			<b>OUTPUT</b> VOL. <input type="text"/> 3 MAIN OUTPUT <input type="checkbox"/> ON A-440 <input type="text"/> VOL. <input type="text"/> PHONES <input type="checkbox"/> POWER ON <input type="checkbox"/>	
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**NOTES**

Play the keyboard. Another use of the FILTER as a sound source.

GLIDE  ON

DECAY  ON

PITCH

MOD