

## MAKE NOISE 0-COAST PROGRAMMING (firmware 1.6.8)

### PROGRAM MODE [PGM-A on]

Enter **program mode**: hold **PGM-A** until **MIDI-A** and **MIDI-B** flash twice.

**Exit program mode and save**: hold **PGM-B**

### MIDI CHANNELS •• [MIDI-A on]

Enter **Program mode**, tap **PGM-A twice**  
Tap **PGM-B** to select the MIDI channel for:

- **MIDI A** ..... [MIDI-A on]
- **MIDI B** ..... [MIDI-B on]
- **MIDI A and B** ..... [MIDI-A & B on]

Send a note from a MIDI controller to use its current channel or tap **PGM-A** to set the MIDI channel to all (omni)

Hold **PGM-B** to save and exit

### MIDI B CV ••• [PGM-A on, MIDI-B pulses]

Enter **Program mode**, tap **PGM-A three times**  
Tap **PGM-B** to cycle through the following CV output options:

- Note ..... [PGM-B off]
- Velocity ..... [PGM-B on]
- Mod Wheel ..... [PGM-B pulses]
- Triangle wave LFO ..... [PGM-B flashes]

**PGM-B CV and Gate LFO frequency** is set by tapping **PGM-A** once out of program mode.

### MIDI B GATE •••• [PGM-A on, MIDI-B flashes]

Enter **Program mode**, tap **PGM-A four times**  
Tap **PGM-B** to cycle through:

- Gate when Note received ..... [PGM-B off]
- Gate if Velocity > 50% ..... [PGM-B on]
- Gate if Mod Wheel > 50% [PGM-B pulses]
- Square Wave LFO ..... [PGM-B flashes]

### MIDI CLOCK ••••• [PGM-A flashes]

Enter **Program mode**, tap **PGM-A five times**  
Tap **PGM-B** to toggle:

- MIDI Clock on ..... [PGM-B on]
- MIDI Clock off ..... [PGM-B off]

### TEMPO

Tap **PGM-B** to set the tempo of the internal clock

### LEGATO • [PGM-A pulses]

Enter **Program mode**, tap **PGM-A once**  
Tap **PGM-B** to toggle:

- Legato on ..... [PGM-B on]
- Legato off ..... [PGM-B off]

### CALIBRATION •••••

Enter **Program mode**, tap **PGM-A six times**

See page 14 of [the manual](#) for instructions.

### ARPEGGIATOR [PGM-A on]

Press **PGM-A** and **PGM-B** together to toggle on (**PGM-B on**) and off (**PGM-B off**)

In **Program mode**, tap **PGM-B** to toggle:

- Regular ..... [PGM-B off]
- Latch and Shift on ..... [PGM-B on]

### PARAMETER MIDI CONTROL

While in **Program mode**, you can send MIDI control changes (CC) from a controller to access additional parameters.

See the table below for a list of parameters.

### MIDI PANIC

hold **PGM-B** to stop the arpeggiator or clear stuck MIDI notes.

### RESET PAGE DEFAULTS

Once in **Program mode** and on the page, hold **PGM-A** to reset the page parameters to their default value.

### RESET FACTORY DEFAULTS

Hold **PGM-A** and **PGM-B** while powering up.

### GESTURES

**Tap** means press and release button immediately after click.

**Hold** means press and hold button until visual feedback.

### VISUAL FEEDBACK

Watch the **PGM-A** and **PGM-B** buttons and the **MIDI-A** and **MIDI-B** lights to confirm the program page you're on and the option you've selected.

Lights can be **on** or **off**, and can **pulse** or **flash**. A flash is a single pulse.

### PARAMETER DEFAULTS

- MIDI-A channel = all (omni)
- MIDI-A CV = note
- MIDI-A gate = on note received
- MIDI-B channel = all (omni)
- MIDI-B CV = velocity
- MIDI-B gate = if Mod Wheel > 50%
- MIDI clock = off
- Legato = on
- Arp Latch and Shift = off

### FIRMWARE VERSIONS

At startup, 0-Coast with firmware **1.6.8** will flash **PGM-A** button and **MIDI-A** light. 0-Coast with firmware **1.6.5** will flash **PGM-B** button only.

Serial numbers 3895 and above come with firmware 1.6.8 installed.

### MIDI CABLE

The 0-Coast 3.5 jack to DIN MIDI cable follows the Korg setup:

- Tip to 5 (current sink)
- Ring to 4 (current source)
- Sleeve to 2 (shield)

### 0-Coast Parameter

### CC# CCValue

Arp on/off	<b>117</b>	0 = OFF; 1-127 = ON
Arp type	<b>119</b>	0 = Regular; 1-127 = Latch & Shift
Legato on/off	<b>118</b>	0 = OFF; 1-127 = ON
Portamento on/off	<b>65</b>	0 = OFF; 1-127 = ON
Portamento Time	<b>5</b>	0 = OFF; 1-127 = Time Interval x 1/64 clock
MIDI A Channel	<b>102</b>	0-15 = channel 1-16; 16-127 = Omni
MIDI B Channel	<b>103</b>	0-15 = channel 1-16; 16-127 = Omni
MIDI A CV Output	<b>104</b>	0 = Note; 1 = Velocity; 2 = ModWheel; 3-127 = LFO (rate set by Clock Out)
MIDI B CV Output	<b>105</b>	0 = Note; 1 = Velocity; 2 = ModWheel; 3-127 = LFO (rate + <TAP> PGM-A)
MIDI A Gate Output	<b>106</b>	0 = Note ON; 1 = Velocity > 50%; 2 = ModWheel > %50; 3-127 = LFO
MIDI B Gate Output	<b>107</b>	0 = Note ON; 1 = Velocity > 50%; 2 = ModWheel > %50; 3-127 = LFO
Pitch Bend Range MIDI A	<b>108</b>	0-127 semitones
Pitch Bend Range MIDI B	<b>109</b>	0-127 semitones
AfterTouch Range MIDI A	<b>110</b>	0-127 semitones
AfterTouch Range MIDI B	<b>111</b>	0-127 semitones
Velocity Minimum MIDI A	<b>112</b>	0-127
Velocity Minimum MIDI B	<b>113</b>	0-127
MIDI Clock on/off	<b>114</b>	0 = OFF; 1 = ON
TEMPO-IN Divisor	<b>116</b>	0-127; affects tempo-in clock only 0 or 1 = 1/1; 2 = 1/2; 3 = 1/3; 4 = 1/4; etc.