

# MIDI-CV-Arpeggiator Quick Reference Card

## Real Time MIDI Control

Arpeggiator On/Off	CC 85 (Button)
Arpeggiator Latch On/Off	CC 64 (Sustain)
Arpeggiator Pattern	Program Change
Arpeggiator MIDI Sync	CC 83 (Button)
Arpeggiator Speed	CC 19 (Rotary)
Arpeggiator Gate Width	CC 72 (Rotary)
Sequencer Record On/Off	CC 86 (Button)
Aux CV Control	CC 74 (Rotary)
Pitch Wheel Range	CC 15 (Rotary)
LFO Speed	CC 16 (Rotary)
LFO Waveshape	CC 17 (Rotary)
LFO Phase	CC 18 (Rotary)
LFO Key Sync On/Off	CC 81 (Button)
LFO MIDI Sync	CC 82 (Button)
Mod Depth (Mod Wheel)	CC 1 (Rotary)
Mod Range (Semitones)	CC 15 (Rotary)
Mod Mapping (Pitch/Aux)	CC 80 (Button)
Portamento On/Off	CC 65/5 (Button)
Portamento Speed	CC 5 (Rotary)
Portamento Mode	CC 84 (Button)

Program Change (patch change) messages select the arpeggiator pattern and octave.

**First Number Is Pattern → 55 ← Second Number Is Octaves**

## Learn Button (# Of Presses)

- 1** Lowest MIDI note, and MIDI channel.
- 2** Aux CV MIDI control.
- 3** C = 1 V/oct, C# = 1.2 V/oct  
D = 0.32 V/oct, D# = Hz/volt, E = Custom  
F = V-Trig, F# = S-Trig  
G = 5 volt gate, G# = high voltage gate  
A = Aux CV Invert toggle (normal/inverted),  
A# = Aux CV Seq Record toggle (on/off)  
B = Multi-trig toggle (on/off)
- 4** Fine Range Adjustment (middle C = none)
- 5** Scale Tuning Adjustment (middle C = none)
- 6** Custom Tuning Setup (press any key)  
Coarse Tuning = Arpeggiator Speed (CC 19)  
Fine Tuning = LFO Speed (CC 16)

## Arpeggiator Patterns

- |                  |   |
|------------------|---|
| <b>1</b> Up      | <b>5</b> Up/Down Repeat Note              |
| <b>2</b> Down    | <b>6</b> Down/Up Repeat Note              |
| <b>3</b> Up/Down | <b>7</b> Random                           |
| <b>4</b> Down/Up | <b>8</b> Custom ( <b>Mini Sequencer</b> ) |