OVERVIEW: ROLAND A-80 PATCH AFFECT

- A Patch is a memorized complete keyboard and sound module setup that contains the following:
    - The patch's name
    - The mute state of the A-80's four MIDI output sockets
    - The mute state of each of its four zones (A, B, C, D)
    - Four Effectors; each able to store a unique program change and its associated MIDI channel
    - A block of optional SysEx message(s)
    - Four zones (A, B, C, D). Each zone contains the following:
        - A Key Range. Any zone can overlap any other zone's key range.
        - A MIDI Channel. Each zone must use a unique channel number.
        - Program Type that selects a format for the program change number on the A-80's display that matches the display method of the sound module being used.
        - Program Change number
        - Transpose
        - Velocity parameters
        - Aftertouch parameters
        - Volume
        - Modulation
        - Pitch Bend
        - Four Slider Controllers
        - Four Switch Controllers
        - Four Foot Controllers
- When a patch is selected:
    - The A-80 itself is set up with the patch's parameters listed above.
    - The A-80 outputs the patch's MIDI messages to each of its unmuted MIDI output sockets (4). This includes the MIDI messages from each of its unmuted zones.
        - Four Effectors, if set
        - Optional SysEx, if present
        - Each unmuted zone (4). Each zone must be assigned a different MIDI Channel:
            - MIDI Channel and Program Change number
            - MIDI Channel and Volume
            - MIDI Channel and Modulation
            - MIDI Channel and Pitch Bend
            - MIDI Channel and four Slider Controllers, if set
            - MIDI Channel and four Switch Controllers, if set
            - MIDI Channel and four Foot Controllers, if set