

## oblems



Missing notes

Starting playback from the middle of a note can be problematic

 Can happen in lots of situations such as undo/redo, copy/paste/duplicate, transport looping, pitch/ groove/quantise/swing changes etc.

Stuck notes

A note is playing, then the playhead jumps or the note is deleted\*

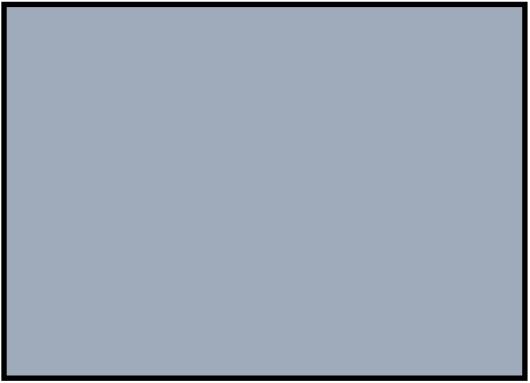
How do you know to send a note-off for that playing note

Complicated by different MIDI sources e.g. live inputs, multiple clips/tracks, sends, MIDI generators etc.









# D: 1,091 £327k

### Playhead jumps

### Loop end

#### Note deleted

# MIDI D: 1,091 £327k

# Problems

- Missing notes
  - Starting playback from the middle of a note can be problematic
  - Can happen in lots of situations such as undo/redo, copy/paste/duplicate, transport looping, pitch/groove/quantise/swing changes etc.
- Stuck notes
  - A note is playing, then the playhead jumps or the note is deleted\*
  - How do you know to send a note-off for that playing note
  - Complicated by different MIDI sources e.g. live inputs, multiple clips/tracks, sends, MIDI generators etc.

# 

Recording