Python to Builder Component Cheat Sheet

Concept	Python Code	Builder Component
Show text instructions	TextStim(...).draw()	Text Component
Play sound	sound.Sound(...).play()	Sound Component (stereo, use variable)
Send EEG trigger	netstation.send_event(event='F400')	Code Component - Begin Routine
Wait/fixation	core.wait(1.0)	Static Component or ISI
Collect key response	event.waitKeys(['y', 'n'])	Keyboard Component
Pre-stim baseline	core.wait(0.5)	Static Component (before Sound)
Save audio + CSV	write(...), pd.to_csv(...)	Code Component (Python only)
Shuffle trials	random.sample(...)	Loop with random order
Confidence rating	event.waitKeys(['1'-'5'])	Second Keyboard or Rating Component
Practice vs Main	for block in blocks:	Separate Loops or Conditions Column
Rest screen	event.waitKeys(['space'])	Text + Keyboard in Routine
Headphone check	left/right channel noise	Sound Component (channel control)
Sham trials	no phase flip applied	Condition: trial_type == 'Sham'