

Noise Engineering – Integra Funkitus

• [Manual PDF](#)

[Integra Funkitus Manual \(PDF\)](#)

Integra Funkitus – Cheat Sheet

Type: Rhythm Modifier

Format: 8HP Eurorack

Depth: 0.8"

Power: +12 V: 50 mA, -12 V: 11 mA (2x5 header)

Panel Controls and Jacks

Inputs

Jack/ Control	Function	Voltage Range
Part Input 1– 4	Gate input channels. Each receives a separate rhythm.	Gates > 2 V
Mod 1–4 Jack	CV input for corresponding Mod Knob (1–4). Modulates the modification of that channel.	Typical Euro CV; knob acts as attenuator

Outputs

Jack/Control	Function	Voltage Output
Part Output 1–4	Gate output channels (modified/combo rhythms).	6 V gate signals

Controls

Control	Description
Mode Switch	3-way toggle: selects "Trigger" (T), "Gate" (G), or "Logic" (L) mode of operation
Mod Knob 1–4	Sets probability/combo for corresponding channel (and acts as attenuator for CV input when patched)
	- Trigger Mode (T) : Probability that a rising edge on Input passes to Output (falling edge always passes)
	- Gate Mode (G) : Probability that both rising and falling edges of Input pass to Output
	- Logic Mode (L) : Which inputs are logically combined for the Output; fully CCW = direct pass, fully CW = mute
Burn Button	Instant "fill" — forcibly combines all inputs to all outputs, overriding mode and knob settings

Usage Quick Reference

1. **Patch up to four gate signals** into Part Input 1–4 (e.g., clock, rhythm generators like Numeric Repetitor).
2. **Connect Part Outputs 1–4** to drum/percussion modules or other gate destinations.

3. **Set the Mode Switch:**
 4. **Trigger (T):** Out = random-per-event gate passes (rising), knob sets probability.
 5. **Gate (G):** Out = random-per-edge gate passes (rising + falling), knob sets probability (pulses get longer).
 6. **Logic (L):** Out = logical combination of other ins, knob selects combo or mute.
 7. **Mod Knobs 1–4:** Select probability/combo for each channel.
Or patch CV into Mod 1–4 Jacks for voltage control (knobs become attenuators).
 8. **Tap Burn** for instant all-in variation (“fill” effect).
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Voltage Summary

- **Inputs (Gate):** >2 V triggers event.
 - **Outputs (Gate):** 6 V gates.
 - **Mod CV:** Euro CV standard (typically -5 V to +5 V or 0–10 V; manual doesn’t specify but compatible with typical modular voltage ranges).
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Tips

- Want simple muting? Turn Logic Mode knob fully clockwise.
 - Use CV for evolving, auto-probability changes.
 - Combine different modes for evolving, fill-variation percussion lines.
 - **Burn** to instantly combine everything for fills/breaks.
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For more details, see the full [Integra Funkitus Manual](#)

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