

ES-5 Installation Task Analysis		
Questions	Details	Comments
What is the goal?	Install expansion unit	
What tasks does the user need to perform to accomplish the goal?	<ul style="list-style-type: none"> • Unpack unit • Inventory items • Connect to main unit • Install unit in Eurorack case 	Installation steps are different when connecting to ES-3 mk1
What are the mental and physical steps involved in each task?	Mental: aware that power is disconnected, all cables must be seated correctly and fully Physical: secure cables, screw in unit	Care must be taken to ensure power is disconnected before installation
Who performs the task?	Audience: owners of base-modules (ES-3,8,9) Experience: minimal experience with Eurorack format Role: Authority:	Any ES-5 owner is already an ES-3,8,9 owner and therefore has some experience with the installation and use of Eurorack modules—like the ES-5
When and under what conditions is the task performed?	Requirements: requires Eurorack with X available spaces; ES-3, ES-8, or ES-9 Limitations: Environment: dry, temperate, out of direct sunlight	Exposure to direct sunlight may cause damage to the PCB
What are potential distractions to accomplishing the goal?	Troubleshooting: Ensure: all cables are seated correctly and fully; power is connected and turned on; Eurorack power supply meets the requirements of all installed and powered modules Alternative path: N/A Exception path: N/A	Any issues not to do with proper cable connection or power have either to do with user error (signal routing) or defective equipment
What does the user need to know about the task?	Duration: five minutes Complexity: simple Frequency: Once, or as often as installed/uninstalled	

What is the sequence of tasks or steps?	<ol style="list-style-type: none">1. Ensure available 4HP2. Unpack and inventory3. Disconnect Eurorack power4. Connect supplied cables from ES-5 to base unit (ES-3,8,9) and Eurorack case power respectively5. ensure all cables are seated fully and correctly6. Screw ES-5 into Eurorack case.7. Connect Eurorack power	Some Eurorack cases are “turned on” simply by connecting power to the case, others require that a power switch be flipped to the “on” position—it is assumed that the user knows this
What is the expected result?	Complete and functional installation of the expansion unit	