


Expert Sleepers ES-3 User Manual


Chapter 1. Basic Setup

Setting up the ES-3 for basic control over a single parameter on a Eurorack module.

A basic setup is all that is needed to control a single parameter with the ES-3.

1. Install the module in a suitable Eurorack case.
2. Connect a Toslink optical cable from the ADAT/Optical output of your audio interface to the corresponding input on the ES-3.
3. Turn on the ES-3 by powering your Eurorack case.
4. Connect a 1/8" (3.5mm) Eurorack cable from the respective outputs on the ES-3 to any respective input(s) on the Eurorack module(s).

 **Note:** !!TO PREVENT DAMAGE TO EQUIPMENT AND YOUR EARS, BEFORE CONNECTING THE ES-3, TURN THE VOLUME OF YOUR EURORACK MODULE OUTPUT ALL THE WAY DOWN!!

 **Note:** The ES-3 can be used to modulate, trigger, or gate any parameter on any Eurorack module. For information on modulation, gates, and triggers, see the Silent Way User Manual or the manual to your Eurorack module.


Chapter 2. Using the ES-3 with Silent Way

Use the ES-3 and Silent Way to control Eurorack module parameters.

A [Basic Setup \(on page 2\)](#) is all that is needed to control a single parameter with the ES-3.

 **Note:** !!TO PREVENT DAMAGE TO EQUIPMENT AND YOUR EARS, TURN THE VOLUME OF YOUR EURORACK MODULE ALL THE WAY DOWN!!

1. Connect a Toslink optical cable from the ADAT/Optical output of your audio interface to the corresponding input on the ES-3.
2. Connect a 3.5mm Eurorack cable from output 1 on the ES-3 to a parameter input of any Eurorack module.
3. Open Expert Sleepers Silent Way and select the ADAT/Optical output of your audio interface as the output.

 **Note:** For help with Silent Way, see the Silent Way User Manual.

4. Load an ADSR from the Silent Way Template Library.
5. Set the output of the ADSR to channel one the ADAT/Optical output.
6. Trigger your oscillator module and slowly increase the volume of the module.

You should now hear the effect of Silent Way modulating the amplitude of your oscillator module. Notice that any changes to the ADSR in Silent Way instantaneously changes the amplitude envelope of your oscillator. This same principle applies to all input parameters on all Eurorack modules.

Related information

- [basic_setup.dita](#)

Chapter 3. Specifications

Panel Width	8HP
Module Depth	50mm
Input Connection	Optical, ADAT Lightpipe standard
D/A Conversion	24bit
Signal to Noise Ratio	113dB typical
Output Connections	8x 3.5mm (DC coupled)
Maximum Output Voltage	±10V DC
Current Draw	148mA on the +12V rail, 18mA on the -12V rail
Power Connector	Doepfer Standard
Indicators	LED for ADAT clock sync; illuminated 3.5mm jacks indicate output voltage (+ve/–ve)