



# erica synthS

Thank you for choosing Erica Synths Black Hole DSP!  
DSP Expander ROM brings you 8 additional unique effects.

Expander ROM installation:

1. Disconnect the module from the PSU.
  2. Connect the expander to the relevant slot on the module.
  3. Set the PATCH knob full clockwise (5PM).
4. Push and hold bank select button on the module and connect it to the PSU.  
5. The letter E should appear on the indicator to confirm the installation.

To access the third bank of 8 effects push the bank select button repeatedly until the dot next to the effect number flashes.

Now you can use the PATCH knob to select individual effects.

## DSP Expander ROM

Nr.	FX	DRY/WET	PARAMETER 1	PARAMETER 2
1	MONO DELAY	DRY/WET	DELAY TIME	FEEDBACK
2	SHIMMER +	DRY/WET	TIME	SHIMMER AMOUNT
3	SHIMMER DRIFT	DRY/WET	TIME	SHIMMER PITCH
4	PITCH SHIFTER	XFADE (SHIFT 1 / SHIFT 2)	SHIFT 1	SHIFT 2
5	RIPPER	OVERDRIVE	BITCRUSH	DELAY TIME
6	LP FREEZER	AFTER 12 - REC	SIZE	LOW PASS FILTER
7	HP FREEZER	AFTER 12 - REC	SIZE	HI PASS FILTER
8	DRONE BANK	FREQ 1	FREQ 2	FREQ 3