LATERAL PHONICS

SEAMARK REVERBMK2

The Seamark is a fully analog true spring reverb. Here you can feel a real nonlinear physics characteristics of reverbs. Every your action will respond well in a real springs. Seamark Reverb pedal can produce a wide variety of reverb sounds. From experimental and noise to ambient sounds and classic clean reverb. You can get almost any spring reverb sound. When developing and planning, we decided to take the classic Surf-tinted spring reverb and turned it all inside out. Converting the beach surf life into a viscous and dark storm with noir shade and metallic touch.

Seamark is also one of the most compact true spring reverb units. Its dimensions are only 143x95x45mm.



Seamark has a four controls and additional momentary button:

- 1. Level overall volume of output signal
- 2. Amount or Saturation difference between a clean signal and a reverb Depending on position of Impact knob, it is also can be a Saturation regulator knob
- 3. Impact value of signal applied to input of spring coil
- 4. Tone cut off high frequencies of processed reverb signal
- 5. Splash button sets Impact to maximum

Sing only these 4 controls (no additional toggle switches) and various combinations of their settings, Seamark is able to create two modes of operation: Classic and Graininess modes.

In <u>*Classic mode*</u> pedal produces a clean classic spring reverb, without unnecessary distortion, saturation and noise. From surf style reverb to ambient surrounding background sound. In <u>Graininess mode</u> it can distort and saturate final mix, create feedback with reverb input or output coil, and swing the springs. From background noise to experimental sounds.



In turn, the Graininess mode is divided into two additional: Soft and Hard Graininess. These additional modes are quite different and have their own areas of application.

<u>Soft Graininess</u> with some grain and noises in signal and soft saturation in some positions.





NOTE: all Graininess modes has a graininess effect (noise) in some settings, this can give your sound a darker atmosphere and noir tone.

By sett the Impact knob to a low setting, you can create additional distortion, feedback, and saturation with the press of only one button. <u>Splash button</u> increases the volume of the signal fed to the reverb input coil and as a result saturation of it. This can produce additional spring's oscillation and overdriving of the final part of the Seamark Reverb circuit. It actually sets the Impact knob to its maximum position. So, the closer Impact knob is to maximum value, the less effect of Splash button will be. Practically, you can "switch" from almost clean and classic reverb to grainy, saturate and loud reverb sound.

In MK2 version the Splash button has two modes of operation: Classic and Hold modes (you can read about it below). When the Splash button is activated, the LED brightness will increase.

UPDATES IN MK2 VERSION

The Seamark Reverb MK2 version had improved power circuit and its filtering, redesigned Splash button circuit, added to Splash buttons two operating modes(Classic and Hold), moved the In/Out/Power jacks to the top of the enclosure and various additional schematic improvements.

In Classic button mode, the button acts as a normal pedal switch. In Hold button mode, the functions of the button are turned on only when the button is pressed (when the button is released, the functions turn off).

To enable Hold mode, hold the button for about 10 seconds. To exit Hold mode, press 2 short presses and one long press (the pressing speed should be around 120-150 BPM), you must see the LED begin to blink and at this moment you need to release the button. You can also exit Hold mode by resetting the pedal power.

NOISE WARNINGS

Be careful not to place the pedal near strong sources of electromagnetic interference such as power transformers, tube amplifiers(they have very powerful power transformers), lighting equipment, welding machines, etc. Try to find a place and position where such interactions will be minimal and the pedal will have the least noise.

This kind of hum appears on all analog spring reverbs. This is due to the fact that, by their principle, such devices work as electromagnetic pickups that pick-up sound from the springs of the block itself in the pedal. Thus, an analogy can be drawn with single-coil pickups that detect electromagnetic interference, the difference is that Seamark is a shielded device, but with strong electromagnetic interaction, noise may appear. o help understand more clearly everything we write above, we decided to add some of our favorite settings.

Please note that all settings indicated in this documentation are approximate and depend on many factors such as the type of guitar, type of amplification, radio setting, etc.

