

SEABEE

LITE EDITION

NAVIGATION HANDBOOK

SEABEE

LITE EDITION

WELCOME TO THE HIVE!

The Seabee Lite distills the oceanic chorus of the original Seabee Harmochorus into a simpler, and intuitive machine. It keeps the Beetronics tone and build quality, and adds three new chorus modes that bring fresh movement and character.

From the smooth CLASSIC triangle-wave chorus to the trippy FLANGEE with its flanger-style feedback, and the warped WOBBLEE with irregular, tape-like wobble LFO, each mode has its own unique personality. You can switch between Chorus and Vibee, sculpt the tone with high-pass and band-pass filters, and explore plenty of expressive tricks on the fly.



Beneath its simple interface lies a world of control, with presets, MIDI, expression, stereo options, and adjustable input levels that make it feel right at home with any instrument or setup.

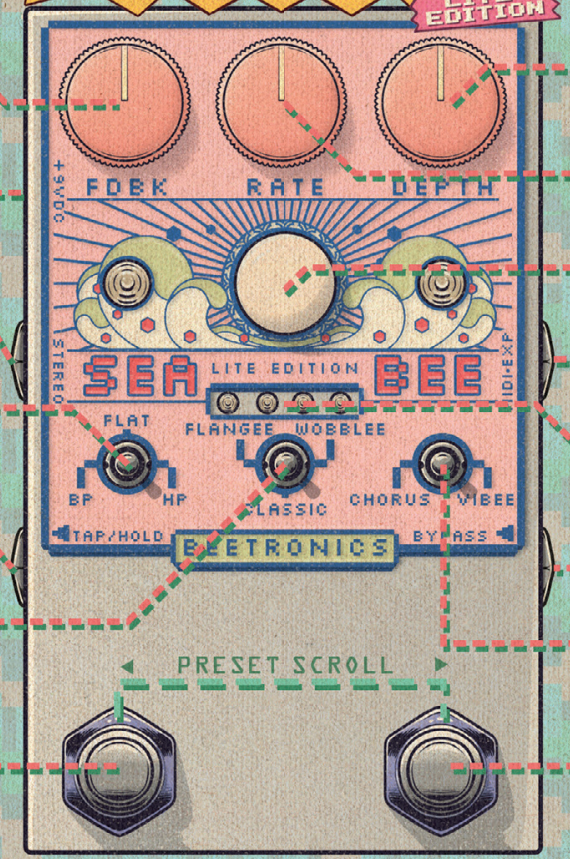
The Seabee Lite carries the Harmochorus spirit forward with new sounds, modern features, and that unmistakable Beetronics feel.

SEABEE

LITE EDITION

A SEA OF HONEY TONES...

JUST BEE YOURSELF!



FDBK
sets the feedback amount

DC JACK
+9vDC • Center Negative Polarity
250mA • 2.1 mm connector

STEREO OUTPUT JACK

FILTER TOGGLE
BAND PASS, FLAT, or HIGH PASS.
Applies only to the wet signal.

OUTPUT JACK

MODE TOGGLE
Selects CLASSIC, FLANGEE, or WOBBLEE chorus modes.

TAP TEMPO FOOTSWITCH
Taps in the modulation speed.
Hold to momentarily speed it up.

DEPTH
Sets how strong the modulation feels.

RATE
Sets how fast the modulation moves.

BYPASS LED INDICATOR

MULTI JACK
Expression (TRS) • External TAP
CV • MIDI

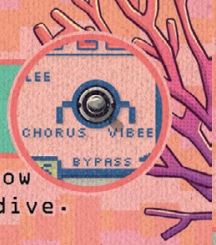
PRESET INDICATOR
4 banks of 4 presets.
* all LEDs off in Live mode.

INPUT JACK

EFFECT TOGGLE
selects between CHORUS or VIBEE

BYPASS FOOTSWITCH
Turns the effect on or off.
Hold to momentarily increase depth.

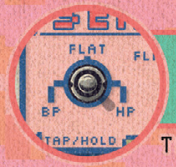
CHORUS / VIBEE



The Chorus / Vibee toggle lets you choose how deep into the modulation you want to dive.

In Chorus mode, the mix sits at a balanced 50/50 blend of dry and wet signals — giving you that classic, wide modulation that keeps your core tone intact.

Flip it to Vibee, and the mix goes full wet, taking you all the way into modulation territory. Since the filters act only on the wet signal, switching to Vibee makes those tonal shapes stand out even more — perfect for when you want the effect to buzz



FILTER TOGGLE

The Filter toggle shapes only the wet signal, letting you decide how the modulation sits around your dry tone.

It offers Band Pass, Flat, and High Pass positions.

In Chorus mode, filters can help keep the low end steady and clear — perfect when you want your lows untouched while the modulation moves above.

In Vibee mode, the filters become a strong tonal tool. Switching between them can completely change the color and feel of the effect, letting you sculpt the modulation's space and bring out new textures in your sound.

MODULATION MODES



There are 3 modulation modes selectable by the center TOGGLE SWITCH.

CLASSIC

A triangle-shaped LFO with around 10ms of delay time, the Classic mode captures the essence of vintage chorus — clear, wide, and full of motion. It delivers that familiar modulation found on countless 80's records, simple and timeless.

FLANGEE

Built on a sinewave LFO bent into a more angular, almost trapezoid shape, the Flangee moves with a unique pulse and offset rhythm. With 5ms of delay time and stronger feedback, it leans into flanger territory — deep, liquid, and perfectly trippy in Vibe mode.

WOBBLEE

An irregular LFO that drifts and bends like worn tape, bringing warm, lo-fi modulation with 25ms of delay time. In Vibe mode, or paired with High-Pass and Band-Pass filters, it reveals beautifully unstable tones that feel alive and unpredictable.

FOOTSWITCHES

The Seabee Lite features two footswitches, bypass on the right and tap tempo on the left.

Beyond their standard functions, both switches include expressive hold actions that let you interact with the effect in real time:

RATE BOOST

Hold the tap tempo footswitch (left footswitch) to speed up the modulation rate.



The change happens with a smooth, musical ramp, intelligently scaled to your current tempo, not just a fixed jump, so transitions always feel natural and musical.

DEPTH BOOST

Hold the bypass footswitch (right footswitch) to increase the modulation depth.

This boost responds in a musical, dynamic way, letting you add expression or intensity on the fly.

EXPRESSION PEDAL

The Seabee Lite works with a **10k** expression pedal.

To use one, plug a TRS cable into the MultiJack, and the pedal will automatically recognize it as expression control.
You can assign the expression to Feedback, Rate, or Depth - one per preset.

To switch which control the expression pedal moves, double-tap the BYPASS footswitch.
Each tap cycles through: FDBK > RATE > DEPTH > FDBK.

The expression range goes from the minimum of the control up to where the knob is set.
For example, if the Rate knob is halfway up, the expression will sweep from the slowest rate up to that midpoint when the pedal is fully pressed.
To access the full range, just set the knob all the way up.

Each preset remembers its expression assignment. That means one preset can control Rate, another Depth, and another Feedback — all switching automatically as you change presets.



SAVING PRESETS

1. Set Your Sound
Adjust the knobs to the sound you want to store.

2. Enter Save Mode
Hold both footswitches for ~2 seconds.
(The center LED flashes to confirm you're in Save Mode.)

3. Choose a Slot
Tap right or left footswitch to pick the preset slot.
(Factory and blank slots can both be overwritten.)

4. Save
Hold both footswitches again.
(A flash confirms the preset is saved.)

Exit Without Saving
If you enter Save Mode by mistake, tap both footswitches once to cancel.

FAVORITE PRESET:
The Seabee Lite lets you save a default preset that loads every time the pedal powers on.
To save a favorite preset, enter SAVE mode and hold the left footswitch for 2 seconds.
TAP both footswitches to exit SAVE mode.



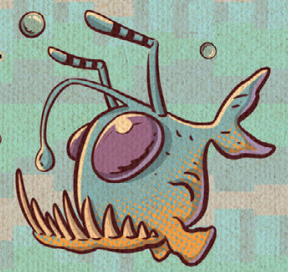
PRESETS

Presets let you instantly recall complete Seabee Lite settings.

The pedal includes:
- **8 Factory Presets** (Banks Red and Yellow)
- **8 Blank Presets** (Banks Orange and Green)
- **Live Mode** (LEDs alternate colors) always reflects the current physical knob positions.

You can save to any preset slot, including overwriting factory presets.

LOAD A PRESET:



1. Enter Preset Mode
Tap both footswitches together once.
(The preset LEDs begin blinking)

2. Scroll Through Presets
Tap right footswitch = move forward
Tap left footswitch = move backward

3. Select a Preset
When the LED shows the preset you want, tap both footswitches together to load it.

Live Mode
Keep scrolling past the last preset.
LEDs will alternate colors.
- This is Live Mode, where the pedal uses your current knob settings, not a stored preset.

MIDI

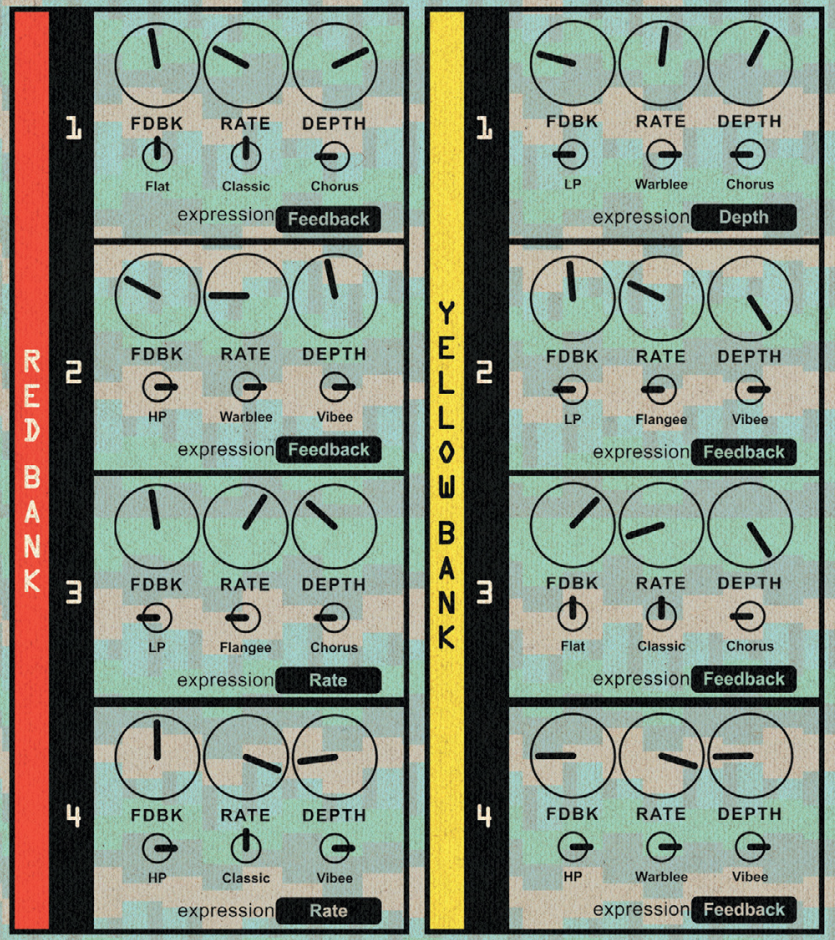
The Seabee supports MIDI using a MIDI box + TS cable (tip active) connected to the Multi jack.
MIDI allows you to change presets, control parameters, and sync to MIDI clock.
To enable MIDI on the Multi jack, refer to the Global Settings page.

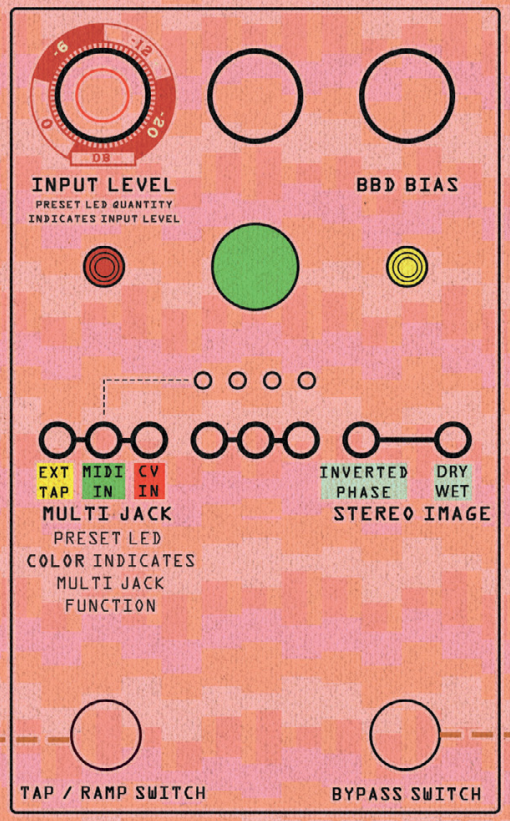
MIDI Channel

While the Seabee is in Global Settings mode, send any MIDI message on the channel you want to use.
The Seabee will automatically set itself to that channel.
Factory default MIDI channel: 11

CC#	Parameter	Description
4	Expression pedal	Controls the effect via expression pedal (continuous control).
14	Feedback	Sets the feedback/regen amount.
15	Rate	Sets the modulation speed (LFO rate).
16	Depth	Sets the modulation depth/intensity.
17	Tone	0 = No tone, 1 = HP tone, 2 = LP tone.
18	Waveform	0 = Classic, 1 = Warblee, 2 = Flangee.
19	Chorus/Vibee	0 = Vibee, 1 = Chorus.
20	Exp mode	0 = Rate, 1 = Depth, 2 = Feedback.
102	Bypass	>63 = on, ≤63 = off.
103	Extra tap	Any value triggers extra tap.
104	Extra tap (press/release)	>63 = press, ≤63 = release.
105	Reset LFO	Any value resets the LFO.
106	Double click action	Any value triggers.
107	Ramp trigger	Any value triggers.
108	Ramp trigger (press/release)	>63 = press, ≤63 = release.
109	MIDI Clock enable	>63 = on, ≤63 = off.

FACTORY PRESETS







HOLD TAP/RAMP while connecting power to enter Preset Factory Reset mode.
HOLD TAP/RAMP again to reset presets, or BYPASS to cancel and exit.

HOLD the BYPASS footswitch while inserting the DC Power cable to enter Global Settings
HOLD again to **SAVE** and exit.

GLOBAL SETTINGS

To access Global Settings:
Unplug power. Hold Bypass and reconnect power. Release and you're now in Global Settings. Adjust settings, then hold Bypass again to save and exit.
*•Hold Tap/Rate instead while in Global Settings to **restore factory defaults**.*

Input Level (Ramp)
Input pad for line level or hot/active pickups.
- -20 dB: line level
- 0 dB: instrument level (factory default)
- In-between for other sources
- Pad affects wet signal only
- Preset LEDs show attenuation

BBD Bias (Depth)
Fine-tunes bucket brigade bias.
Restore factory setting by holding RAMP/RATE in Global Settings
Not recommended unless you know what you're doing

Stereo Image (Effect Toggle)
Left (Chorus): Wet signal on both outputs, phase-inverted ("wannabee" stereo)
Right (Vibee): MONO = wet, STEREO = dry (factory default)

MultiJack (Ramp Toggle)
TRS cable: Always works as an expression input (10k)
TS cable: Select function with the FILTER TOGGLE:
Left – Ext Tap: External tap footswitch (LEDs yellow)
Center – MIDI: MIDI control via TIP-active MIDI box (LEDs green)
Right – CV: 0-5 V control, same functions as expression (LEDs red)


BEE YOURSELF