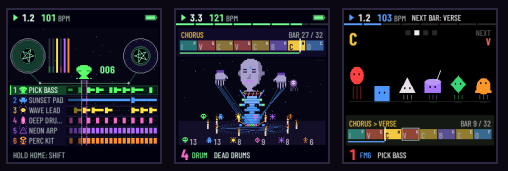
CONSCIOUSNESS ENERGY GRID

VALLÉE

CHEAT SHEET · M-VAVE FM-1 · 2.6-VALLEE



GETTING AROUND

tap HOME	HOME: the tape deck and the six tracks.
tap HOME on HOME	THE SPELL: the song's map and the Alchemist. Tap again for the tracks.
hold HOME	SHIFT. Its map shows what every control does on this page.
hold + release HOME	MENU. ALGORITHM picks the tab, PRESETS the row, any knob the value.
turn ALGORITHM	Picks the track (1–6) on every page.
tap a page button	Opens its pages; again (or SELECT) for the next one.
OCT+ / **OCT–**	On action pages and dialogs: do it / go back.
any button	Skips the intro at power-on (MENU › DISPLAY › ANIM OFF: no intro).

GEN the song generator

turn SELECT → on HOME	Opens GEN. (BPM LOCK off: SHIFT + SELECT.)
SELECT	Its four knob pages. Back past page 1: HOME.
PRESETS	STYLE, always.
OCT+	Writes it into the tracks.
OCT+ again	Untouched: the next seed. Turn one knob first: the same piece with only that changed.
OCT–	Puts back what the tracks held before (steps, sounds, tempo).
hold SAVE	Later: undoes GEN a track at a time.

	KNOB 1	KNOB 2	KNOB 3	KNOB 4
1	STYLE	SEED	VIBE	ENERGY
2	PART	KEY	TEMPO	SOUNDS
3	DRUMS	BASS	KEYS	LEAD
4	COLOR	COMPLEX	SWING	HUMAN

PART › SONG: one press writes INTRO, VERSE, CHORUS, BRIDGE, OUTRO as a whole song (uses 30 patterns). **SOUNDS › KEEP**: notes only, your sounds stay. Roles OFF leave a track as it is. Tracks: T1 bass · T2 keys · T3 lead · T4 drums · T5 color · T6 perc.

AETHER psych pop · **LOTUS** slacker jazz-pop · **ZETA** French house
ORACLE glitch electronics · **AKASHA** ambient · **SIGIL** jazz-funk
LEMURIA yacht rock · **ASTRAL** sad synth-pop · **HEX** garage rock
OBELISK motorik · **SERAPH** 80s soul · **WRAITH** warped 80s

VIBE: DARK · HAZY · WARM · BRIGHT · WEIRD. ENERGY sets tempo, drum density and fills.

THE SPELL perform the song

On THE SPELL the white keys are the song's blocks in order, from the left (a GEN song shown). Black: the performance, the same in every octave.



white key	Every track jumps to that block on the next bar; its key again: that block again.
top G (far right)	Held: its effect, like an FX key; so is every white key past the song's blocks. Each set on **MENU › FX**.
F#	Drops a jump that hasn't come in yet.
G#	The next part of the song.
A#	A new take of the part playing: GEN writes it again, live, in on a bar line. Same key, chords and sounds.
C#	A new take of the selected track only (ALGORITHM picks it).
D#	REC ARRANGE: play the parts in your order, D# again: that is the song now. **SHIFT** + D#: as before.

Stopped, a white key moves the song there and PLAY starts from it. New takes: songs GEN wrote this session.

LOOKS

MENU › DISPLAY › THEME	**XENO**: tape deck, a creature for every sound, THE SPELL. **TEEN**: an OP-1 style tape machine, big track names, a band of six toys that jump to the song on HOME on HOME.
turn PRESETS on HOME	A box shows the new sound: its creature (XENO) or its name big (TEEN).

Creature families by track: 1 green aliens · 2 blue cryptids · 3 yellow psi orbs · 4 pink crystals · 5 purple sigils · 6 orange herbs.

SHARE A SONG

Pass on the style, the vibe and the seed, plus the coloured line under them on GEN: the knobs you changed, e.g. **E80** **X40**. The same settings write the same song on any Vallée.

PATTERNS FULL?

The 64 patterns are shared by the whole unit, and saved projects keep theirs. The message's second line says who holds them (SAVED SLOT 1:30 = slot 1 holds 30). Delete a saved project you don't need on **SAVE › PROJECT** **KNOB 2** DELETE, then press GEN again.

ALEMBIC GLO › ALEMBIC: the whole mix

DRIVE SOFT · HARD · FOLD · FUZZ → **MOTION** PHASR · FLANG · CHOR · WOBBL → **SPACE** ECHO · VERB · BOTH → **GRAIN** WOW · DUST · CRUSH · FILTR. Knobs 1, 3: flavour; 2, 4: BLEND (0 = off).

VALLÉE

CHEAT SHEET · THE BASICS

PLAYING

turn PRESETS	Changes the track's sound; its steps stay.
SAVE › PRESETS › LIST	Pick a type (BASS, PAD…) and PRESETS steps through that type only.
KNOB 1–4	The page's four values; every page draws what they do.
hold LFO + knobs	MOMENTARY: let go and the values come back (OCT+ keeps them).
EDIT **ENV** **LFO**	The sound's pages. MOD page: where the LFO and envelopes go.
SEL / **ARP**	Scales and chord keys / the arpeggiator (14 modes, HOLD).

SEQUENCER

PLAY	Starts and stops.
REC	Arms the selected track; on an armed track, disarms all.
SHIFT + REC	REC layer: hold F3 to clear the track; CLICK, COUNT-IN, CLICK LEVEL, FEEL.
SEQ	The sequencer's pages: NOTES, PATTERN, AUTOMATION, SONG…
hold SEQ	TOOLS: CLEAR, REVERSE, SHIFT, RANDOM, COOK, EUCLID, DOUBLE, HALF.
hold step + knob	Locks that value on that step.
SHIFT + SAVE	TAKE: keeps the last loop you played. Stopped: FREE TAKE finds the tempo and the 1.
hold ARP	PERFORM: launch entries, stage mutes, scenes, throws.
SHIFT + PLAY	On SEQ › SONG: plays from the entry KNOB 1 is on.

LAYERS

hold a layer button	FX, GLO, SEL, EDIT, ARP or SEQ: its layer on the keys and knobs while held.
SHIFT + the button	Locks the layer open; the button closes it.
black keys F#3–F#4	In GLO, FX and PERFORM: tracks 1–6's mutes. Tap: mute; hold: cut while held.
GLO layer	Levels, solos, mutes, FILL, tap tempo.
GLO + SELECT	Tempo (with BPM LOCK on, the Vallée default).

FX LAYER hold FX + a key

F3	REPEAT 1/8	**F4**	FREEZE
G3	REPEAT 1/16	**G4**	OCT UP
A3	REPEAT 1/32	**A4**	OCT DN
B3	REVERSE	**B4**	GATE
C4	LPF sweep	**C5**	DUB
D4	HPF sweep	**D5**	FLANGE
E4	TAPE STOP	**E5**	VINYL

KNOB 1–4: FILTER · CRUSH · THROW · DEPTH. SHIFT + FX locks the layer and keys latch. Let go of FX and the knobs glide back (OCT+ keeps them).

SAVING

tap SAVE	Its pages: PRESETS, USER, PATTERNS, PROJECT.
hold SAVE	Undo (6 levels); OCT– / OCT+ step through them.
SAVE › USER	Save a sound: stop, KNOB 1 picks the slot, OCT+, name it with the keys, OCT+.
SAVE › PROJECT	4 project slots; KNOB 2 DELETE frees a slot's patterns.

The music comes back at power-on (MENU › RESTORE LAST).

MIDI

MENU › MIDI › AUTO CHANNEL	Set it to your keyboard's channel: it plays whichever track is selected.
MENU › MIDI › MIDI IN	CH1-6: channels 1–6 play tracks 1–6. SEL: every channel plays the selected track.
MENU › MIDI	Also CLOCK (INT, USB, TRS), CLOCK OUT, NOTES OUT, THRU, MIDI LEARN.

SOUNDS VALLÉE ADDS

EDIT › FILTER	On an ANALOG track: CLASSIC, MOOG, OBERHEIM or JUNO filter.
PRESETS	21 presets named MOOG…, OBERHEIM…, JUNO… on ANALOG.
DEAD **TAPE** **CRUSH**	Kits: a towel-muted 70s kit, a warm soul session, a drum machine run hot.
SUMMON	Any key on its EDIT page: it plays by itself and a being forms over the song. A key again: fades.

INSTALLING SAFELY

Before any custom firmware, we highly recommend installing **m-bootloader** with **M-Flasher** (github.com/jvitkauskas/m-flasher). If an install goes wrong, hold REC while switching on and the FM-1 waits in download mode.

hold OCT– + OCT+ 5 s	The chip's boot mode, for recovery.