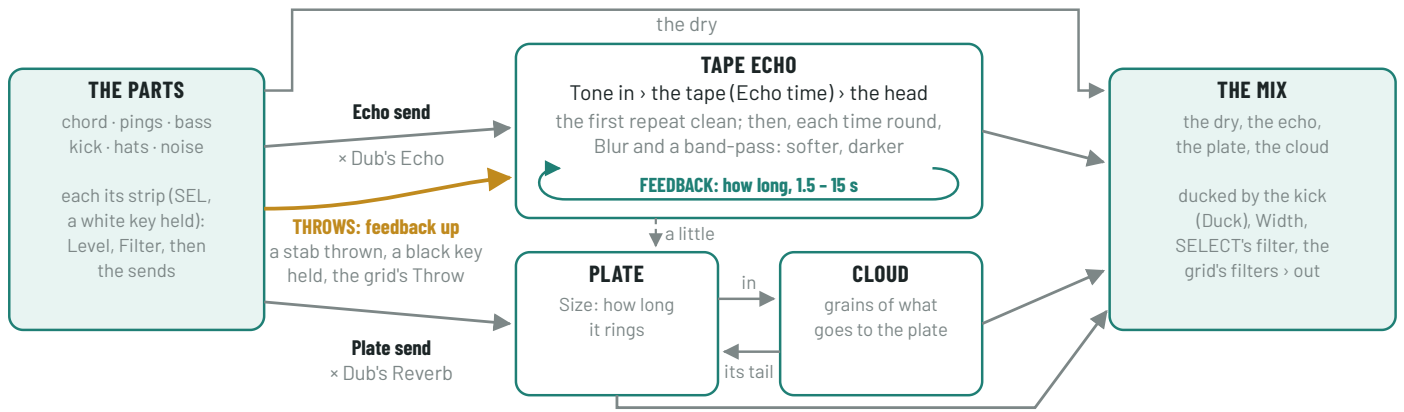




## 1 • THE DUB PAGE FX

|                            |                                                                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ECHO</b><br>KNOB 1      | How much goes into the echo: each part's Echo send times this.<br>0 - 100                                                                                                                            |
| <b>ECHO TIME</b><br>KNOB 2 | The tape loop's length, on the beat. Under ~43 BPM a bar won't fit the 5.6 s tape: it shows 5.6 s.<br>1/8 corchea (8th) · 1/8. con puntillo · 1/4 negra (quarter) · 1/4. · 1/2 blanca (half) · 1 bar |
| <b>FEEDBACK</b><br>KNOB 3  | How long the repeats go on, as the tail's time to -60 dB: a long echo fades as soon as a short one. Resting, kept under 90%: the tails die out.<br>1.5 s - 15 s                                      |
| <b>REVERB</b><br>KNOB 4    | How much goes into the plate: each part's Plate send times this.<br>0 - 100                                                                                                                          |

## 2 • THE ECHO PAGE FX again

The space's colour. 50 is the echo as the pieces have it.

|                        |                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>BLUR</b><br>KNOB 1  | How much each repeat dissolves.<br>0 clean copies · 50 softer each time · 100 a wash                                             |
| <b>TONE</b><br>KNOB 2  | A low-pass on what goes into the tape: the repeats darker or brighter, an octave every 25.<br>0 ~500 Hz · 50 ~2 kHz · 100 ~5 kHz |
| <b>SIZE</b><br>KNOB 3  | How long the plate rings.<br>0 - 100                                                                                             |
| <b>CLOUD</b><br>KNOB 4 | How much of the reverb goes through the grain cloud.<br>0 the plate alone - 100 a thick wash                                     |

## 3 • THE ECHO, HOW IT PLAYS

|                    |                                                                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>THE REPEATS</b> | The first comes back clean, on its time; then each softer and darker, melting into a wash.                                                        |
| <b>IN THE GAPS</b> | Each new stab pushes the returns down (up to 6 dB, back over ~150 ms); a thrown stab's ride over.                                                 |
| <b>THE FIELD</b>   | One head, its right side a few ms later (Width, SEL: 8 ms at 50); a second head, at three quarters, while a thrown stab rings. Mono under ~80 Hz. |
| <b>DRIFT</b>       | Form's Drift: the heads wander; now and then the second slides to 2/3, 1/2, 3/8 or 1/4 of the loop, bending its pitch.                            |

### FX HELD

0.5 s, a nudge: Echo, Feedback (smaller steps), Reverb, Size, Cloud. 1.5 s, a shake: a new echo time.

## 4 • THE CLOUD

|              |                                                                                                                                                                                |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>WHAT</b>  | The last 0.74 s of what goes to the plate, played back in grains: up to six, each 80 to 250 ms, anywhere in it, anywhere in the field; now and then an octave down, rarely up. |
| <b>WHERE</b> | Into the plate (they bloom in its tail) and out; the tail back into the cloud: a wash that grows on itself.                                                                    |
| <b>MORE</b>  | Thicker as the filter opens, and in a Break. It listens as if Reverb were at least 63.                                                                                         |

## 5 • WHAT FEEDS THEM

|                                      |                                                                                                                                                                                                                  |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>THE STRIPS</b><br>SEL, white held | Each part's Echo and Plate: 0 none · 50 as the piece sends · 100 twice. The bass sends no echo in any piece; the kick none, its 100 a full send.                                                                 |
| <b>THROWS</b>                        | A stab thrown (the Chord page's Throws): its dry 6 dB down, the feedback up. A black key held (SEL): the part slammed in at its own level, the feedback towards 93%, the repeats stacking. A soft clip holds it. |
| <b>PUSHES</b>                        | The Arrangement page's Echo key and its four sirens (sheet 2); the grid's Throw and Swell, Wash (sheet 10). A set's Segue and Mix hold the echo on a last stab (sheet 12).                                       |
| <b>WET</b><br>SEL KNOB 3             | The whole music dry, or drowned; for playing, not saved.                                                                                                                                                         |

## 6 • DUB HOLD REC, a tap

|              |                                                                                                                                                                                                |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ON</b>    | The echo plays what it holds, the loop as it is: nothing in, nothing lost. The plate rings on, closing to new sound; the cloud stops listening, its grains over what it held. The chord holds. |
| <b>SHOWN</b> | REC lit, HOLD in red in the header, the rings and the chord's name red.                                                                                                                        |
| <b>OFF</b>   | REC again. (Held 0.3 s instead: the effects grid, sheet 10.)                                                                                                                                   |



### THE SCREEN

The ripples are the echo: a ring a repeat, as strong as it comes back. The lanes' rings: where the repeats land.