

L2Ork Tweeter “8-Bit Petal”

Score

Composed for the version 0.80

Premiered on December 5, 2023

<https://www.youtube.com/user/VTDISIS>

<https://youtu.be/hDMiE2OkGNA?si=VUZfSPlyF8it39vU>

<http://facebook.com/L2Ork>

General Setup: Conductor should load 8-bit-petal.pd, while the main output computer should also run the raye-vocals.pd patch. All patches are located in the Patches subfolder.

→ Prep

- ◆ Part 1
 - Preset 2 (Shift + X), Loop 2 (Shift + W)
 - Start muted
 - Ensure tempo is set to 7876 ms.
- ◆ Part 2
 - Load up preset 1 (shift+z) and loop 1 (shift+q), remain muted by pulling the overdrive level down (not using ‘ and Enter keys) so that you can pull the overdrive level up when needed.
 - Set tempo to 7876 ms.
- ◆ Part 3
 - Preset 1 shift q and loop 1 shift z
- ◆ Part 4
 - 1969 ... loop 2/ preset 1 sometimes maybe every 4 measures. Change up panning and octave. Preset 2 fade out towards the end.
- ◆ Part 5
 - Start with **preset 1 and loop 1** selected using **Shift + Z and Shift + Q**
 - Keep the preset **muted** using **single quote (‘)**.
 - Tempo starts at **7876 ms**
- ◆ Part 6
 - PRESET 2, LOOP 2.
 - Loop speed: 7876
 - You start muted.
- ◆ Part 7
 - Preset 1 Loop 1 (Shift+q, Shift+z)
 - Loop Speed 1969ms
 - start muted
- ◆ Part 8
 - ...
- ◆ Part 9
 - ...
- ◆ Part 10
 - ...

- ◆ Part 11
 - Load Preset 1 and Loop 1. (Shift + Q and Shift + Z)
 - Start muted.
 - Look at part 7, slowly fade in.
- ◆ Part 12
 - Make sure that the ray-vocals.pd is running on the computer that is providing the main audio output.
 - OPTIONALLY: Load the visuals for projection mapping patch and make sure it is linked to Mad Mapper.
 - **Load** the canada-start session (leftmost button) in the conductor patch. Everyone should be muted.
 - Synchronize everyone.

→ **Opening** (approx. 2-3 minutes)

- ◆ Part 1
 - Slowly increase volume with “OVR LVL” slider to roughly 50% when last repetition of vocals begins.
 - Drag panning occasionally.
 - XSlowly decrease volume towards end of section when conductor queues.
 - Once muted, use Sync Controls widget (top right of L2ork Tweeter under “widgets”) and sync to part 11 at beat 0, with tempo enabled.
- ◆ Part 2
 - Preset 1 (shift+z), loop 1 (shift+q).
 - Start muted. When ready (after vocals come in), slowly raise overdrive to the R.
 - Start with loop 1, then switch to loop 2 (shift+w) after about 6-7 repetitions.
 - Play with both panning (arrow keys left and right) and transposition (arrow keys up and down).
 - Loop 5 (shift+t) can also be used *sparingly*, only once or twice.
 - To transition to middle section when high parts drop out and bass becomes more emphasized, pull down overdrive level and then delete your pattern (Backspace key).
- ◆ Part 3
 - Raise volume with part 1, but stay under
 - Mess with volume, but never go above middle
 - Switch to preset 2 shift x
 - Repeat volume
 - Switch to preset 1 shift z
 - Repeat process until moving into the next section
- ◆ Part 4
 - ...7876 preset 1 and loop 2. Switch between these loops. Keep the same preset. Loop 3 occasionally and mess with octave (fade in and out)

- ◆ Part 5
 - Fade in using the **mouse** to drag the **overdrive level** up as the last vocal loop ends.
 - Switch between **Loop 1 and 2, shift + q and shift + w** as each phrase ends, keep in mind part 8 to do the switch
 - As other parts fade out, start to use **Single Quote (')** to make bass rhythm sparser.
 - Coordinate with **Part 1** to drop out as they take the bass over. Conductor may automate this.
- ◆ Part 6
 - You are the last one in appear. Slowly drag the overdrive level up, once everyone else did it.
 - Play with the panning slowly. And occasionally go an octave higher in pitch with the up arrow key.
 - Before changing to middle part, you have to use de SYNC CONTROL to change the LOOP LENGTH to 15752
 - Drag up the DELAY with a long feedback, then erase all the notes in your loop, so you can prepare PRESET 1 LOOP 1 for the middle section of the song.
- ◆ Part 7
 - Preset 1 Loop 1 (Shift+q, Shift+z) Loop Speed 1969ms
 - From muted, slowly fade in with part 11 at beginning of piece
 - Play with panning and mix
 - Fade out with other high parts in AB transition on conductor queue
- ◆ Part 8
 - **Preset 1/Loop 1**
 - Fade in with **Part 12**
 - Take over (quadruple click) **Part 11** after vocals drop out and Part 12 takes over full loop
- ◆ Part 9
 - ...
- ◆ Part 10
 - ...
- ◆ Part 11
 - Once you are playing the bass, keep playing until part 8 takes over your part.
 - Loop Length is 15752.
 - Mute yourself. (Return or single quote)
 - Switch to **preset 3 and loop 3**. (Shift + E and Shift + C)
 - Wait until Part 8 takes over, wait maybe 2 repetitions and then start it with the reverb.
 - Slowly take away the reverb on cue from other parts.
- ◆ Part 12
 - Instruct parts **11** and **7** to slowly fade in.

- After several phrase repetitions **cue the vocals** via the **conductor patch**.
- Fade in together with part 8.
- Cue part 3 to do one single flourish.
- Cue part 2 to fade in.
- Cue parts 1 and 5 to fade in slowly as you also **stop the vocals** using the **conductor patch**.
- Cue part 3 and instruct part 8 take over part 11. **Load preset 2 and loop 2** (Shift+W and Shift+X).
- Play with panning and octave transposition, creating spectral flourishes.
- Instruct part 11 to begin working on the bass drum pattern, starting with slow and reverberant and working towards the dry and denser rhythm.
- Slowly cue higher parts to fade out, leaving only part 1. As part transitions to its low drone, enter the second part.

→ **Middle** (approx. 4-5 minutes)

◆ Part 1

- Preset 8 (Shift + ,), Loop 8 (Shift + I).
- Begin muted, drag OVR LVL slider to 100% on convenient downbeat.
- Let play until conductor mutes bass on beat 55, then, before downbeat, quickly switch to Preset 4 (Shift + V) and Loop 4 (Shift+ R).
- Let bassline play, use up and down arrow keys to switch between octaves (-36, -24) as you see fit.
- Fade out slowly at end of section when double bass pad begins to be audible.

◆ Part 2

- Preset 4 (shift+v) and loop 6 (shift+y).
- Start muted and make sure you can pull up your overdrive level when the conductor tells you to come in.
- You will raise your overdrive level in approximate sync with part 3, to around the middle of the R.
- Play with transposition using the up and down arrow keys (while making sure to change octaves ON THE BEAT, tap your foot like a metronome), and optionally pan partially to the opposite direction as part 3.
- At some point during the middle of the section, switch to preset 5 (shift+b).
- Play with transposition using the up and down arrow keys and turn up the Echo slider to *almost all the way* (do NOT turn it up all the way because this will create an endless feedback loop).
 - If you get out of time in ANY WAY (such as resyncing), immediately pull the Echo slider all the way to the left and then put it back to almost all the way to reset the echo.
- When it's time to transition to the ending section, pull down the overdrive slider slowly and THEN pull down the Echo slider all the way to the left slowly.
- No other change is needed to transition to the next section.

- ◆ Part 3
 - Mute and switch to preset 2 shift x and loop 3 shift e
 - After part 1 hits the long bass note, slowly fade in, but stay quiet
 - After part 1 switches to bass part, move fader to slightly above R
 - Mess with panning a bit
 - After about a minute or so switch to preset 3 shift c
 - Mess with panning a bit
 - Once Dr. ico says to lower volume lower the volume
- ◆ Part 4 15752 loop 4 and 6 (switch between) loop 9 where everyone plays
 - ...
- ◆ Part 5
 - Switch to **Preset 2** with **Shift + X**. Keep the preset **Muted**
 - Load **Loop 3** with **Shift + E**. Using the **Single Quote (')** unmute to play the **“ooo”** at the end of the loop.
 - Continue to add the **Middle Section** of the loop as it builds
 - Start switching between **loops 3-7** in varying orders and timings.
 - You can also switch between **Preset 3-7** using **Shift + C** for a short time.
 - There aren't many hard rules to follow here, just use your ears and play what sounds good.
- ◆ Part 6
- ◆ PRESET 1 LOOP 1. This heavy bass is a fundamental part and you should nail it with the beginning of the section.
- ◆ MUTE yourself with SINGLE QUOTE, when the KICK in PART 11 switches to a double speed KICK
- ◆ SWITCH TO PRESET 3 LOOP 3
- ◆ Always play with panning and pitch
- ◆ Use SYNCH CONTROL to go back to time loop=7876
- ◆ Disappear slowly dragging down the overdrive level so you are not making any sound when the voice starts singing again, and the other “Double bass licious” instruments are in front.
 - ...
- ◆ Part 7
 - Preset 2 Loop 2 (Shift+w, Shift+x) Loop Speed 1969ms
 - Make sure synced with either part 3 or 11 (not loop speed)
 - Start Muted, fade in and out. Sprinkling part into mix.
 - Go up octaves (0,12,24) and then back down every few measures for variety (Arrow up, Arrow down) as seen fit
- ◆ Part 8
 - ... ueryto with ghost toms (Shift + r and Shift + v)
- ◆ Part 9
 - ...
- ◆ Part 10
 - ...

- ◆ Part 11
 - Start the bass, **Preset and Loop 4** (Shift + R and Shift + V) with Part 1.
 - You will be muted and it will hit the main bass and then you start in synchronization with Part 1.
 - Once you start the bass with **preset and loop 4**, change to 5 (Shift + T) to increase intensity.
 - **Loop 7** for double intensity. (Shift + U)
 - **Loop 8** for double intensity and last 4 off. (Shift + I)
 - Make sure you are synced to **Part 1**.
 - ◆ Part 12
 - Slowly fade out your part and wait until part while playing with **panning** and **octave transposition** flourishes.
 - Cue the **drop** for parts **1** and **5** using the **conductor patch**.
 - As part **1** starts the moving bass and part **11** begins playing with densest bass drum pattern, allow for other parts to flourish and vary their content.
 - **Load preset and loop 7 (Shift+U and Shift+M)** and change your tempo using **Sync-Control's preset 2**, on a downbeat that matches the downbeat of parts **1** and **11**.
 - Play with your rhythmic pattern, using it as a soft-spoken fill-in. Transpose and play with **echo** and **reverb**.
 - After all parts have exhausted their ideas, slowly fade high parts and as only **part 1 remains**, make sure you are muted (‘ **key**), **sync to the part 1** by triple-clicking on the part **1** number, **load preset and loop 9 (Shift+O and Shift+.)**, and fade in when ready.
- **Last Section and Ending** (approx. 5-6 minutes)
- ◆ Part 1
 - Recall Preset 3 (Shift + C), and Loop 2 (Shift + W).
 - When vocals start, begin to fade sound in. Drag to around 40%.
 - Play with octaves and panning.
 - Fade out after 3-4 repetitions, and recall Preset 6 (Shift + N), and Loop 6 (Shift + Y).
 - You can fade in volume fairly quickly to around 50%. Switch between octaves (20-32) and play with panning as you see fit.
 - Fade out when conductor queues to fade out high pitched melodies.
 - ◆ Part 2
 - Do not change your preset or loop from the last section.
 - After the vocals come in, pull the overdrive slider back up to where it was in the last section.
 - Pull the Echo slider back to where it was in the last section (almost all the way to the right).
 - Play with transposition using the up and down arrow keys (while making sure to change octaves **ON THE BEAT**, tap your foot like a metronome).
 - (Optional) switch back to preset 4 (shift+v) and to loop 7 (shift+u) to do choral stuff.

- Pull down the overdrive switch and THEN the Echo slider (all the way to the left) just before the ending of the piece.
- ◆ Part 3
 - Sync with part 11 and switch to loop 5 shift t
 - After part 1's bass is out, slowly bring fader up to max
 - Every 2 measures switch to preset 6 shift b, and then switch back to preset 5 shift v after 1 note
 - End on preset 6 shift b and mute '
- ◆ Part 4
 - ... use loop 9 and preset 9 occasionally
- ◆ Part 5
 - Start with **Preset 3** and switch between **Loop 6 and 7** after each loop.
 - After this, improvise. Use any Loops with **Presets 2 to 6**. Use the **Single Quote (') key** to create more variation. I like hitting the ooo part at the end and letting it ring out.
 - Again, not many hard rules, just make the transition smooth and feel it out.
- ◆ Part 6
 - SWITCH to PRESET 6 LOOP 4
 - Go switching between loops 4 and 5 with this preset
 - Go crazy with the reverb and delay before disappear
 - Prepare loop 9 and preset 9 for the final note ending
 - End the song with one kick using those loops and presets
- ◆ Part 7
 - Preset 3 Loop 3 (Shift+e, Shift+c) Loop Speed 15752ms
 - Start muted and fade in with part 3
 - Make sure to be synced time and speed with either parts 1,3, or 11)
 - Pan slowly from left to right and back every few measures (Arrow left, Arrow right)
- ◆ Part 8
 - ... ueryto with clarinet (Shift+c)
 - Don't back down during vocals
 - Go in and out of the texture
- ◆ Part 9
 - ...
- ◆ Part 10
 - ...
- ◆ Part 11
 - Start muted with a single quote.
 - You will have to change to **Preset and Loop 10** (Shift + P and Shift + /)
 - Start it quietly.
 - Once you've started playing with pitch.

- Once you play with panning.
 - Make sure you are in sync with **part 12**.
- ◆ Part 12
 - Guide others to introduce their parts, first **part 11**, then others. Once the string-like texture is built-up and high tingly sounds have been introduced, **cue vocals**.
 - Remind **part 4** to do their **flourish** 1-2 times.
 - Play with **transposition**, while keeping part in the bass range.
 - Allow for texture to grow and once the higher-pitched parts are in the mix **stop the vocals**.
 - Quickly fade out, load **preset and loop 10 (Shift+P and Shift+I)**, and once the vocals are out, **fade in**. Play with **transposition** and **overdrive** to create lyrical phrasing.
 - Invite part 4 to join in with its melodic content and after some overlap, return to **preset 9 (Shift+O and Shift+.)** and provide support for the bass section, so that **part 3** can do reverberant bass drum hits on downbeats.
 - Guide everyone to gradually fade out, starting with higher parts, and when only the lower end of the string chords is left, use **conductor-patch** to **cue everyone to fade out at the end**, leaving only **part 3** with its final downbeat.