**Work Documentation**

***Resonance in a Painted Year:***

A stereo audiovisual work unfolding through the four seasons

(10 minutes)

## 1. Media Files

*P2_01_VIDEO_H264.mp4*

Final audiovisual version; MP4 with H.264 video, 1920 × 1080, 60 fps, Rec.709 (1-1-1), with an embedded stereo AAC soundtrack; duration: 10:00.

*P2_02_STEREO_Soundtrack_48kHz_24bit.wav*

Standalone stereo soundtrack; WAV, 48 kHz, 24-bit; duration: 10:00.

## 2. Project and Production Description

This composition started with a soundtrack, which was largely composed from field recordings recorded by the composer in China between 2024 and 2025. The fixed stereo sound was created using Logic Pro[1] to edit, layer and transform these recordings. Extra layers of sound such as texture layers (white noise) were performed and recorded live in Max[2] to achieve more tension. The Max patch used for this process is shown in Figure 1.

(The MP4 file is the primary playback version. No live processing or performer interaction is required during playback, as the Max-generated sound layers have been rendered into the fixed stereo soundtrack.)

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[1] Apple, "Logic Pro", Apple, https://www.apple.com/uk/logic-pro/ (accessed 25 August 2026).

[2] Cycling '74, "What Is Max?", Cycling '74, https://cycling74.com/products/max (accessed 25 August 2026).

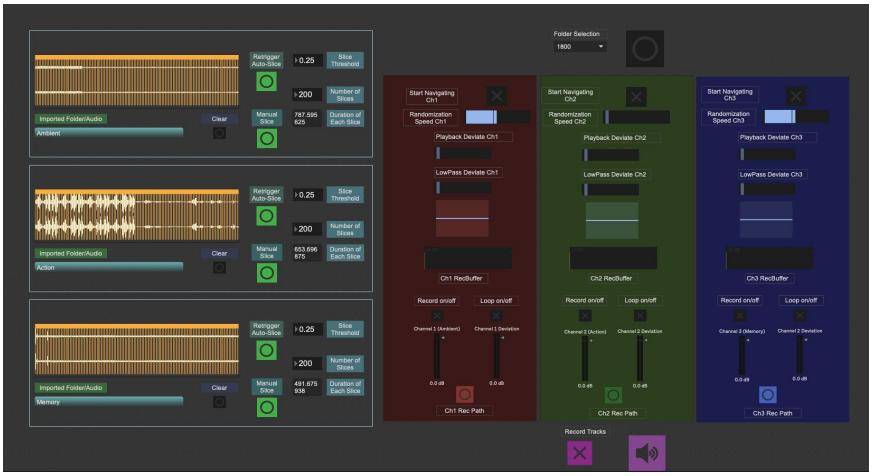


**Figure 1.** Max patch (see *P2_04_Reference_Max_Patch*) used to generate additional sound layers.

The visual component is based on five original images inspired by Chinese ink painting that were created using Huashijie Pro[3]: an opening river, winter mountains, spring birds, a summer lotus pond and an autumn courtyard (Figure 2). This is a circular path that they take each year through the four seasons. The still images were used to create moving-image sequences by using the Runway AI platform[4]; then the video clips were edited and reproduced in CapCut[5]. The precise timing framework was provided by the soundtrack, and all the visual movements, cuts, transitions and effects were adjusted frame by frame and second by second to achieve detailed audiovisual synchronisation.



**Figure 2.** Original ink-painting-inspired images.

[3] Huashijie Pro (画世界 Pro), "画世界 Pro—专业的插画、漫画、动画创作软件", Huashijie Pro, https://hsjpro.mojing.art/ (accessed 25 August 2026).

[4] Runway, "AI Video Generator", Runway, https://runway.com/product/ai-video-generator (accessed 25 August 2026).

[5] CapCut, "CapCut AI Video Editor", CapCut, https://www.capcut.com/ (accessed 25 August 2026).

## 3. Editing Script

| Timecode | Section | Visual material and editing | Sound material and audiovisual relationship |
|---|---|---|---|
| 00:00–00:40 | Prologue: Late Autumn to Winter | The work begins with the stream of a single river, moving from late autumn to winter, and the visual world continues, serving as a metaphor for the movement of the river. Migration of birds commences and the slowly falling temperature makes ice and the true winter appear. | The recordings of the original river make up the central sound layer, which is accompanied by birdsong. The timbre of both materials is slowly altered, leading the aural-visual shift towards the winter. |
| 00:40–03:00 | Winter | Winter gradually becomes fully established as the view pulls back from the river towards a mountain range. Fish become less active and withdraw into deeper water as the temperature falls. Ice and snow increasingly dominate the landscape, while a sequence of visual effects develops towards an icy mountain scene that prepares the transition into spring. | The transformed river material slowly spreads out to form a continuous pad. Other environmental recordings are overlaid and treated electroacoustically, so that the sound texture unfolds in parallel with the increasingly wintry visual landscape and leads towards spring. |
| 03:00–05:30 | Spring | A spring area slowly develops from a melting pool of water. Plants start to grow, birds begin to sing, and boats begin to ripple over the lake. The scene changes to a bird followed by the camera, taking the viewer across multiple landscapes with Chinese aesthetics and creating a final sequence. | The underlay is a sampled and processed bird song, which is a symbol of spring. It is mixed with constantly varying environmental sounds to match the visual changes of the season. |
| 05:30–08:00 | Summer | The section opens with the heavy rain of the plum-rain season in southern China. Distorted visual elements intensify the emotional atmosphere before the scene gradually changes into an elegant summer lotus pond. Dreamlike visual effects then prepare the arrival of autumn. | Rainfall and thunderstorms are imitated through the use of synthesised sounds, and eventually water drops are sampled and manipulated to manifest dreamlike sounds, offering a unique Chinese summer ambiance. |
| 08:00–09:50 | Autumn | The section begins in a Chinese-style courtyard filled with falling leaves. It gradually shifts to a viewpoint that follows a drifting maple leaf, echoing the bird-following perspective used earlier. Developing visual effects carry the viewer through a series of romantic autumn scenes. | Synthetic electronic sounds and transformed field recordings of an autumn forest and falling leaves develop together with the images, propelling the work towards its conclusion. |
| 09:50–10:00 | Ending | The image gradually returns to the solitary river from the opening, visually reconnecting the conclusion with the prologue. | The sound also returns to the initial material of the river, as well as to its altered timbres. Return of image and sound indicate the fall transitioning to winter, to start another four-season cycle. |

## References


Apple, “Logic Pro”, *Apple*, https://www.apple.com/uk/logic-pro/ (accessed 25 August 2026).

CapCut, “CapCut AI Video Editor”, *CapCut*, https://www.capcut.com/ (accessed 25 August 2026).

Cycling ’74, “What Is Max?”, *Cycling ’74*, https://cycling74.com/products/max (accessed 25 August 2026).

Huashijie Pro (画世界 Pro), “画世界 Pro—专业的插画、漫画、动画创作软件”, *Huashijie Pro*, https://hsjpro.mojing.art/ (accessed 25 August 2026).

Runway, “AI Video Generator”, *Runway*, https://runway.com/product/ai-video-generator (accessed 25 August 2026).