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|  **Production Techniques-Teardrop** |
|  | **Newton Faulkner** | **Massive Attack** |
| **Recording Techniques** | -Live audio recording-close microphone techniques, minimal bleed-multi-mic technique used to record live drums not *mechanical as there is variation and feel to the performance**-* | -Sequenced parts *strict time with very little variation in velocity. Mechanical drums*-Combination of audio and sequenced tracks( samples, synths and live recroding)-clean parts *suggesting DI’ed digital synths and/or MIDI sequencing*- live vocal recording using close microphone techniques allowing for extensive processing in the mix stage |
| **Technology**  | -Clarity of recording suggests digital technology and multi-tracking recording i.e. contemporary recording-use of DAW as there are multiple tracks and extensive overdubbing and track layering-wide frequency response and dynamic range  | Digital technology-Use of Digital Audio Workstation to sequence parts-Use of sampler as drum sounds and FX are sampled and triggered using a sequencer(or sequencing software)-Harpsichord sound playing the riff demonstrates use of digital synths-clean and clear recording suggests digital and LO-FI FX added in the mix stage. |
| **Balance and Blend** | -Full acoustic guitar sound at the start and Vocal up front-Backing vocals further back in the mix.-reverb used on percussion to push it back in the mix | -Kick, snare and vocal up front in the mix- hi-hat further back in the mix with FX carefully blended with rest of mix-sub bass lacking high frequencies sits behind the piano chords.-Harpsichord lacks low frequency and can be heard clearly throughout but low enough so that it doesn’t mask any instruments.- automation of volume-Harpsichord in the intro |
| **Stereo Field** | -Mono. All instruments appear in the centre | -drums, bass, lead vocals panned in the centre-wide spread on piano using the full stereo field-extensive use of the stereo field, with various samples and synth FX panned at extreme left or run-panning automation used to add to the “dreamy”, reflective nature of the song |
| **Dynamics Processing** | -even dynamics throughout-compression applied to vocals but not as heavy as original vocals-more compression used in the rock section to provide stylistic contrast. | -extreme compression on drums resulting in *pumping,* which a key feature of the trip hop style-Vocals heavily compressed, the breathing and detail of the voice can be heard which adds to the intimate quality of the vocal-Sub Bass compressed resulting in breathing and over compressed sound which is another stylistic feature.-Narrow dynamic range because of overall compression and limiting a feature of modern day recording |
| **FX Processing** | -Reverb used on vocal. Low Wet level, more Dry sound to eliminate the intimate nature of the original vocal-Automated reverb to move the vocals forward and backing in the mix-Large hall reverb used on vocal harmonies at the end-Delay used on synth FX, similar to the original  | -Extensive use of Lo-fi FX such as overdrive and distortion on drums- Large reverb on harpsichord riff, synth and piano to create a dreamy, atmospheric effect-Delay on specific words on the Vocal. Minimal reverb used in Vocal to keep it up front in the mix-Delay on effects  |
| **EQ** | -wide frequency range-lower mid boost on percussion to provide space for mids and highs of acoustic guitar and vocals. -Vocals not as bright and sibilant as the original | -sibilance on vocals, suggest increased upper mids and high end to add clarity to the voice -sub heavy bass, increased lower frequency and LPF used. |
| **STYLE** | Folk/RockAcoustic guitar, percussion and vocals at the start to give the song a folk feel.Rock style instrumentation used (full drum kit, bass, electric guitar) to change the feel of the song. Some Synths and FX used later to make links with the original. | Trip Hop-extensive use of sampling -slow tempo-Lo-Fi effects( vinyl, overdrive, heavy compression, saturation)-synths and sequencing-loops |
| **Texture** | Contrast textural is provided by the stylistic change at 1:35 from folk to rock.Rich, lush choir-like vocal harmonies are add at the end.More use of vocal harmonies than the original. | * Textural changes provided by added FX and samples
* Riff drops in and out
* Largely homophonic with piano chords and
* Longer reverb times and reversed reverb used to build texture
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