Influence of Music Post-Production on Vocal Music

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Abstract: In our vocal music, intonation, pitch, and timbre are necessary factors in vocal music. Only when these items are met can it be regarded as a better and more complete vocal work, so the post-production of music is particularly exceptional. Importantly, in a vocal work, if the pitch, pitch, and timbre are all reached, the atmosphere of the song, such as reverberation, is also needed to make the song feel better for the audience.

1. Introduction

What is music and new technology is the combination, application and innovation of music and current fresh technical means and scientific equipment to meet the current social demand for the entertainment industry and commercial market, that is, music and new technology. The birth of sound recording technology can be traced back to Edison's invention of the phonograph. Since then, humans can finally use media to store sounds and relive some classic musical moments. The recording technology has gone through a historical process from simple to complex, from analog to digital; from vague to clear, from immature to mature. After several generations of technological changes, the recording technology is no longer just to record the original sound, but to beautify the sound as much as possible.

In our vocal music, pitch, pitch, and timbre are necessary factors in vocal music. Only when these items are met can it be regarded as a better and more complete vocal work. Then the post-production of music is extremely important. And at the same time, the post-production of music is also a very controversial topic, so the theme of this paper is about the influence of post-production of music on vocal singing.

I mainly conduct research on the students of our school, and after my own research and research, some students feel that post-production is an important part of our vocal singing. Some students feel that we cannot rely too much on post-production to make our voices and works distorted.

In my personal practice, I myself will often record some works in the recording studio, and after learning about the post-recording period, I found that the singing vocals processed with dynamic effects can effectively avoid the bad state of the sound, and The breath is unstable and waiting for the singing state, so that it can make it more beautiful in the later stage. From this perspective, it has a positive effect on song singing. But on the other hand, if we rely too much on dynamic processing, it will only cause our singers to lose their ability in basic singing skills.

Up to now, we can realize that our own voice can be directly expressed with graphics in operation, so when we are recording songs, at least the following two points can have an impact on our vocal singing.

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2. Main Body

The rhythm can be aligned in post-production. If the singer's singing does not keep up with the rhythm of the music, by dragging the singer's singing waveform, it can match the rhythm of the music. This technique can make up for the singer's rhythm errors when singing. For singers with a poor sense of rhythm, this can conceal their weaknesses; but on the other hand, we can tolerate occasional mistakes and flaws in singers' live performances, but we cannot tolerate the basic musical qualities of professional singers such as pitch and rhythm..

In practice, the singing vocals that have undergone post-effect processing can effectively avoid some bad feelings of the sound, and the singing state such as lack of breath, making the songs more professional and beautiful. From this perspective, it has a positive effect on song singing. But on the other hand, if we rely too much on this approach, it will only cause our singers to lose their ability in basic singing skills, and cause the singers to use some shortcuts such as false singing when singing.

Reverberation is the sum of sound with a certain sense of spatial hierarchy composed of direct sound and useful reflections of different directions and different time differences in a spatial environment. Therefore, the reverberation effect processing can make the human voice obtain this kind of spatial hierarchy. In this way, the human voice is no longer a monotonous sound. After its fusion with the reverberation, the sound can be more integrated and smooth, just like a piece of white paper, filled with colorful pictures, making it a picture work , Then a song is also the same as a picture. Only when a beautiful melody is added, can the lyrics and music have a soul. Only when a beautiful vocal is added, the song can be considered complete. Then the reverberation can make the vocal more complete. With sleek, smooth, sweet and other aesthetic characteristics, it further improves the musical expressiveness of the human voice. Technically speaking, the reverberation effect can effectively make up for the shortcomings in vocal singing, and sometimes it can even create a majestic sound of nature, but if you are used to this flawless sound effect, you can't face it when singing. When the song is dry, the negative impact of the effect processing may follow, such as the road of false singing due to the lack of singing confidence.

Vocal singing has different directions such as opera, chamber music, and Baroque. They all belong to the system of vocal music. They have to learn scientific vocalization, stage performance, music theory, music history, and score reading courses, but they are all in their own way. The three majors of music and new technology, applied music and electronic music are also the same. They all belong to the system of new music technology, but they are divided. Although there are subtle differences in the professional name settings of different music schools, such as new technology and music language, they are generally similar. Vocal singing is a comprehensive form of artistic expression, which integrates the singer's mental, physical imagination and expressive power. The

performers' understanding, sensibility, imagination and expressiveness of musical works will continue to inject new vitality and vitality with the improvement of people's cultural heritage, and will be sublimated.

Many art songs have strong characteristics of the times and are full of the flavor of the times. It can be said that an excellent art song is the concentration and condensation of the spirit of the times in the form of music. Singers need artistic imagination in order to finally enter the role. To handle the climax of the work well, the climax is the most concentrated and expressive focus of the song's emotions. The climax should be handled according to one's own conditions when singing, leaving sufficient room for the appearance of the climax in the sound intensity to highlight the climax. In the process of singing art songs, it is necessary to let a few musical symbols move the audience and let the audience understand the connotation of the work. It is inseparable from the singer's shaping of the musical image. Increasing the speed can also make the emotions become warm and tense. Conversely, slowing the speed can produce a feeling of relaxation and relief. Speed is of great significance for expressing different moods and expressing people's complex feelings. The speed is finely divided, and most songs are marked with speed requirements. In music performance, the strength of the sound is related to the artistic conception of the music, the natural phenomenon reflected, and the thoughts and feelings of people. Then, when dealing with songs, you should follow the natural artistic laws and appropriately use the strength of the sound to express. The intensity of the voice changes and it has a strong expressive power in the singing of the song. When dealing with songs, it must be natural and reasonable.

3. Conclusions

For now, sound processing technology plays a very important role in it. It can not only increase the confidence of our vocal singing, but also cover up the flaws of singing; it can make our voice more perfect and beautiful, but at the same time Will produce many negative effects. Whether this kind of influence on the music scene is pros or cons, we need to think about it and the purpose of our research. In different situations, we have to deal with it in different ways, such as when we release a song to make a work for everyone. Broadly speaking, of course, it is best for us to use the recording studio for professional recording, adjustment, etc., because this is also a respect for the listener in a certain way. Different listeners have different equipment to listen. Then the requirements for sound quality and so on are even higher, so we have to keep improving to deal with the details of the sound and so on, and try to make better quality works for the audience.

But if it's a paid performance or a competition singing program, you can't use pre-recorded audio to play live. It can be seen that to truly handle each work, it is not only necessary to analyze the work. Tone modification, more importantly, is to learn, practice the basic skills, and learn music knowledge solidly; practice the tension of the vocal cords, be able to freely control your own voice, vocal line, feel the rhythm and melody, and improve your own music quality; According to the ideological connotation of the work, the scene of the song is correctly expressed, the rich sound and color are used to show the style and characteristics of the work, and all factors unrelated to the singing are eliminated and integrated into the work. The processing of the timbre of a song is not only the need of expressing the emotion of the song, but also the need of music performance.

The use of different timbres can produce the emotional color of different characters. Human timbre has a very vivid emotional color, and it has a special charm in the performance of song art. We must make full use of the characteristic of singing voice that expresses emotions, and appropriately process the timbre, so that the singing of the song is more artistic and composed of music with thoughtful content. Then music production technology as a tool to assist vocal singing,

it can make the work more refined and give the audience a better and more beautiful feeling, so music post-production and vocal music are inseparable.

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