The Relationship between Computer Music Production and Traditional Opera

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Abstract: Informatization has changed the development trajectory of the era, subverted the traditional approach, made it impossible for the original to dare to do something, and changed the pattern of the traditional industry, which has brought enormous changes to various industries. Computers have changed people's perceptions of daily life. Music, as a part of everyday life, is inseparable from the use of computers. Therefore, computers have also brought tremendous changes to the music industry, especially the changes brought about by computer music production to traditional operas. Even more incalculable. Due to the advent of computers, computers are widely used in music production. In particular, the improvement in the quality of soft music in computer music production has greatly reduced the cost of computer music production. Applying this technology to the production of drama music can be said to be the gospel of Chinese opera.

With the continuous development of computer technology in our country, the development of various industries is constantly changing. Especially in the music industry, the application of computer technology can not only significantly improve the quality of audio sources, but also greatly reduce the high cost of music production, and bring music production to the road of information and convenience. In this context, opera music also ushered in unprecedented opportunities for development. Opera is a traditional Chinese art that integrates various artistic elements, including dance, art, performance, music, etc. It can fully express the beauty of flexibility, the beauty of rigidity, and the beauty of art. During the production of traditional operas, music is an important part of the entire production and performance process. A reasonable musical rhythm can maximize the atmosphere of the performance of the traditional opera performance and give viewers an endless viewing experience. However, judging from the current situation, most of the opera teams in China are facing enormous challenges. Among them, the high cost of music production and the lack of operating expenses are all factors that cause this challenge [1]. In this environment, even if the opera groups have good and excellent actors, it is difficult to show the ideal performance. Our country's outstanding opera team will become smaller and smaller, and the traditional art of opera will gradually decline over time. From this we can see that if we want the healthy and orderly development of the opera art, we must start with the fundamental issue of opera music production and improve the overall development of the opera art. At present, the author believes that computer music production is the main way to solve the difficult problem of drama development. Music produced by computer technology not only has a high degree of flexibility in sound quality and high-definition sound, but also simplifies the tedious process of music production, thereby reducing the cost of music production. Based on this, this article will study the relationship between

computer music production and opera, in order to promote the better development of Chinese opera art.

1. Overview of Opera Music Production

1.1. Overview of Opera Production

Because opera is a comprehensive carrier of multiple cultural elements, the production process of opera music is rather complicated and must have a large framework. Drama music is the skeleton of a traditional opera and runs through the drama. Therefore, in the production process, the structure of the music and the form of the aria must be known, and you should not temporarily cling to it. From the big structure of opera music to the structure of opera trumpets, there must be an overall grasp, and music producers need to skillfully combine and use the musical programs of lyrics, reading, doing, and playing of the plays [2-3]. Different repertoires have different logic. Because of the different themes of the repertoire, the specific program of the opera music is different. This requires that the opera music producers coordinate and communicate with the director and the composer's score, and first make out the general framework of the play. Because music producers sometimes have different thinking with the director and composer in terms of creative ideas and writing styles, communication is necessary. The software used for computer drama music production is mainly Cakewalk or Cubgase. During the production process, it is necessary to pay attention to the settings between each scene's sounds. Since computer drama music production is different from traditional opera music, traditional opera music coordination is a tacit understanding between musicians for a long time, and sometimes it can be adjusted according to the actual situation. The computer music production is one-time completion and cannot be temporarily modified. Therefore, it must be communicated well with the composer and director when it is produced. Computer music is much better than traditional music musicians in the sound library and sound effects, because the computer can create all kinds of difficult music effects, these effects cannot be completed by the original musicians. As long as it is music that the composer can think of, the computer can produce it and complete it through different forms of music expression. Although computer music production relies mainly on computers, the core of production is people. Only the humanization of computer music production can reflect the essence of operas, so that listeners can feel that music is still recorded by real bands. Because the computer music production cannot be arbitrarily changed once it is completed, the actor's singing speed, tone and other factors must be taken into account in the production, and the phenomenon of inconsistency between mouth shape and music should not occur. During the production process, you can create more air gaps in the percussion, making it easy for the actor to find the rhythm of the music and vocal breathing. Because computer music production can do things that traditional opera music can't do, the sound effects of computer music are unparalleled. Traditional music can't achieve this effect. For example, special sound effects such as creating storms and fighting battlefields can be produced very realistic. In this way, it can be more expressive and stressful for operas, which can make up for some deficiencies and imperfections in the performance of operas and improve the expressiveness of the entire opera.

1.2. Opera Music Composition

There are many kinds of operas in China. From Beijing Opera in the North, Jin Opera and Lu Opera to the Southern Yue Opera and Sichuan Opera in the Cantonese Opera, the instruments chosen for these different operas are different, and local features are very obvious. For example, the Beijing Opera accompaniment musical instruments mainly include Jinghu, Beijing Erhu, Yueqin,

Sanxian, etc.; Yue Opera's commonly used musical instruments mainly include percussion: plate drums, clapper boards, court drums, big gongs, small gongs, and small gongs; the Qin dynasty accompaniment instruments mainly include Banhu, Erhu, flute, dulcimer, Wuchang Sigu, etc.; Kunqu Opera's three major musical instruments are bamboo flute, Sanxian, and violin. The gongs, gongs, and erhu are all instruments that were gradually added before and after the Republic of China. Different local operas have different accompaniment instruments, so different timbres and performance methods have been formed. These have become the hallmarks of local operas. When people hear these instruments, they know the types of operas. For the unique musical instruments of different places, you can use a combination of true and false, that is, in the computer music production process, places where special musical instruments are needed are left to be done last, leaving the space for post-production, first preparing the early music, and finally synthesis. This kind of effect has both rich expressiveness and the characteristics of their own opera music.

2. Computer Music Production is an Inevitable Trend of Drama Development

Traditional Chinese opera in China is the essence of Chinese culture for thousands of years. Opera is a traditional art form in China. This art form is composed of various artistic categories such as literature, music, dance, acrobatics, performance, martial arts, and fine arts. Especially with music has a close relationship, the earliest opera originated in music, because music and dance are the seeds and buds of opera. In ancient times, thousands of years ago, the arts were scarce, and the working people expressed their working life through music and dance. Over time, this art form combined with acrobatics and fine arts formed the drama art we see today. The role played by music in this art form is irreplaceable, whether it is the performance of a traditional opera figure or the performance of an actor. Music can not only reflect the inner world of the characters in the opera, but also render the environment so that the audience can resonate with the actor in the music so that they can better understand the work and integrate it into the work. So whether a drama is successful or not, music is a key factor. However, due to the acceleration of social rhythm and the impact of other art categories, people's attention to opera is getting lower and lower, and the number of opera audiences is decreasing. This directly led to the forced dissolution or diversion of many opera art groups. Surviving is also a difficult step. Let's talk about development. There is no more capital investment, no new blood is added, and many drummers and musicians have lost a great deal, because the meager income makes them very difficult to live. Even if there is a good script or even a good actor in such a situation, if there is no good sound, it will be empty talk. Because now the role of sound effects in drama movies is too great, if the lack of good sound effects and excellent works cannot achieve the expected performance [4-6]. Therefore, if operas are to be developed and actors have to survive, they must find new ways to pursue their own development. Computer music production has emerged as a response to this situation. Computer music production has good sound effects, while it can greatly reduce operating costs, and can be used in terms of personnel. Minimizing is the best way to solve the current opera music. Computer music has the characteristics of flexibility, high-definition, and rich sound effects, which can satisfy all the requirements of operas. Therefore, computer music production is an inevitable trend of the development of operas, laying a good foundation for the promotion of opera music.

3. The Existence of Computer Drama Music Production

3.1. The Lack of Computer Drama Talents

The benefits of computer music production are well known, but fewer and fewer people like opera in real life, so the talent for drama music production will inevitably be reduced or even

scarce [7-8]. In particular, young people think that traditional opera music belongs to the elderly, and oh yeah can't understand it at all, and it has no interest in traditional opera music. Therefore, many people are not interested in traditional opera music production, leading to a lack of talent for opera music production.

3.2. The Narrow Market of Opera Music

The market determines demand, and only demand will have a market. In real life, because audiences like operas are becoming less and less, the market for operas is also becoming smaller and smaller. Many opera music people are not interested in finding a suitable market, resulting in less and less good opera music, and more and more drama music talents became more destitute. This relationship is a vicious circle, so only the expansion of the market will result in better drama music.

3.3. The Talent of Traditional Operas is Scarce

Whether it is the scarcity of talent for opera and music production or the narrowness of the market for opera music, there is a more serious problem than that of traditional opera talents. In order to produce excellent opera music, there must be guidance from excellent opera talents and excellent opera music tracks as the basis. These have become extremely difficult in the present situation. Due to the influence of the market economy, many outstanding opera talents have switched to jobs. Good songs are in the hands of these talented people, and they can give reasonable suggestions for computer music, but these are not available now.

4. Computer Drama Music Production Bottleneck Solution

4.1. Increase the Training of Computer Drama Music Production Talents

In view of the shortage of computer drama music production talents, it is necessary to increase the training of computer music production talents. In the professional setting of colleges and universities, it is necessary to add professional drama music, so that more people like opera music production [9]. In terms of employment, local governments and employers should give more benefits to computer music production personnel, let them feel their own value, give full play to their strengths, and actively contact the local opera groups to ensure the employment of computer drama music production personnel.

4.2. Expand the Drama Market, so that More People Feel the Charm of Opera.

Only by expanding the influence of operas and expanding the market influence of operas, can more people be willing to produce computer music for operas, so as to enable these people to serve operas realistically, so as to expand the influence of operas and make dramas regain new life. Computer-produced drama music can spread even further. More people who love operas could feel the charm of computer music.

4.3. Excavate Outstanding Talents in Operas to Preserve the Essence of Traditional Operas.

These tasks require the inheritors of operas. Therefore, efforts must be made in the excavation and cultivation of drama inheritors, and more protection must be provided to allow more outstanding artists to move from behind the scenes to the front desk. From the screen to the screen, they use their lives. The cultivation of the traditional civilization of China continues [10]. The level

of computer drama music production should be judged by excellent drama talents. They are very familiar with operas, so their opinions and suggestions are the key to making good opera music.

5. Development Trend of Opera Music Production

In today's society, pop music occupies most of the audio-video market. In addition to the new forms of music that have emerged in recent years, such as vibrato, this emerging category of music has suddenly risen to push the drama music to the edge of the cliff. The share of opera music in the audio-visual market has gradually shrunk. In the market, almost no good opera music can be found. Many people can only go to the computer to download some old opera music, leaving many opera lovers unable to feel the new atmosphere of opera music. With the proposal of General Secretary Xi Jinping to rejuvenate the Chinese dream, more and more people realize that the nation is the world, so traditional culture has begun to receive the attention and attention of many people. The state began to vigorously protect intangible cultural heritage, including many local operas. In this case, drama music revival is just around the corner. Many of these places have traditionally used opera as a part of traditional culture. Some schools use traditional opera as a compulsory or elective course. Under such a great background, computer drama music production can be said to have a bright future. The importance attached by the country, local attention, and the rapid development of modern science and technology all provide strong support for computer drama music production. In the near future, computer drama music will be a boom.

6. Conclusion

As the times are developing, operas also need to keep pace with the times. Some adjustments must be made to the original performance modes and propaganda methods. The use of high-tech computer software to produce more excellent opera music can not only greatly reduce the cost of opera music, but also enhance the performance of opera. Make use of modern high-tech music production software to produce some drama music that meets the adolescent and middle-aged people's favorite music, expand the scope of the audience of opera music, let more people like opera music, like opera, and pass on traditional Chinese art forms from generation to generation. You can also try to combine electronic music with modern music, choose outstanding clips, and make audio and video products such as CDs, and let more people buy through good marketing methods. Selected the good clips from the opera, let the outstanding actors walk into the recording studio, use advanced equipment to make a variety of sound effects, and then promote them so that more people enjoy the drama. With a good drama market, the opera industry can usher in its own spring.

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