

On the Role of Modern Media Technology in Music Communication

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Abstract: With the rapid development of multimedia technology, multimedia technology has entered every field of people's life with strong penetration. Multimedia technology has also been widely used in music teaching, which has changed the traditional music teaching methods. Every stage of the development of music culture is influenced by the specific media in this era. Every new media technology will cause the change of music culture. Popular music still occupies the mainstream position, and there is not much room for music communication in radio music programs. Such a status quo makes it impossible for radio stations to effectively spread and promote the function of local music communication. The use of multimedia technology to engage in music teaching is an important symbol of modern music education. The application of multimedia technology in music teaching is a promising and exciting development field. This paper tries to analyze and explain the interaction between media and music art under modern media technology from different types of media.

1. Introduction

Multimedia technology is a new technology which integrates computer technology, modern audio-visual technology and communication technology. Multimedia technology is one of the important technological means which has been produced with the continuous development of social productivity and modern science and technology and has attracted more and more attention [1]. Different people have different understandings of art, so it is difficult to really define art. The most influential radio station in our country is the Central People's Broadcasting Station. Most folk music works are disseminated through the Central People's Broadcasting Station [2]. Our lives are filled with and influenced by the mass media all the time, and it allows us to know what is happening on Earth in the first place [3]. Every stage of music culture development is influenced by the specific media of the era, and each emerging media technology will cause changes in music culture [4]. Art comes from life and is higher than life, and the forms of art are diverse. Although art is very broad, it can still be understood in some ways.

The power of technology broadens today's student access to information, the use of various conditions, and the scope of choice. New technologies enable students to experiment with new and possible ways to solve problems in large numbers. Pop music still occupies a mainstream position, and the space for music communication in radio music programs is not large [5]. Such a status quo makes it impossible for radio stations to effectively spread and promote the function of local music communication. The development of teaching technology has become increasingly important in art teaching [6]. Computers can create unimaginable efficiency and opportunities in teaching. These technologies should be put into use immediately. The use of multimedia technology in music teaching is an important symbol of modern music education. The application of multimedia technology in music teaching is a promising and exciting field of development [7]. Popular music is the mainstream of music programs, which reflects the important position of pop music in modern media. Compared with pop music, music communication does not have much living space. Starting with different types of media, this paper tries to analyze and elaborate the interaction between media and music art under modern media technology.

2. The Role of Music Communication in the Development of Modern Media

In the music teaching, in order to achieve a better teaching effect, a combination of a

variety of music teaching software can be used. The teaching of music education in higher normal colleges pays more attention to cultivating students' cultural quality in humanities and social sciences, and often ignores the students' knowledge and improvement in natural sciences. While cultivating talents with professional music editing skills, our disciplines should also focus on cultivating the professionalism and social responsibility of talents [8]. Traditional national vocal music needs further expansion and promotion, and will carry forward the rich and colorful style. However, a unified vocal system with normative function has not been formed. As music editors, they should not blindly obey and cater to economic effects. They should not only enrich music and entertain people, but also guide the audience's aesthetic taste of music. Some of the forms of music classroom teaching express artistic conception that traditional teaching media can not achieve, or is difficult to achieve. The combination of science and technology and art can present better works of art for viewers.

The application of modern multimedia technology in music teaching is an organic combination of various arts. The use of multimedia technology to assist music teaching has been widely welcomed by students, elaborate multimedia teaching plan [9]. For the requirements of the new curriculum reform for music teachers, more than half of the teachers feel that they are not particularly comfortable in the use of multimedia. At the same time, I feel that some of my educational concepts need to be updated, and I should improve my business level. There are also significant positive correlations between learning behavior, interpersonal support, and situational support. It shows that the three dimensions are related to the learning effect, which further reflects the high internal consistency of the overall scale. As shown in Table 1.

Table 1 3D correlation analysis results of effective classroom environment construction

	Learning behavior	Interpersonal support	Scenario support	Learning result
Learning behavior	1	0.623	0.626	0.642
Interpersonal support	0.721	1	0.678	0.513
Scenario support	0.564	0.636	1	0.635
Learning result	0.625	0.556	0.667	1

The overall relationship between the three-dimensionality of the teaching process and the relationship between the three-dimensionality and the learning effect assumes that the pattern fits the observation data. The path coefficients of the path model are significant. Figure 1 is a path analysis model for the construction of the effective classroom environment and the learning effect.

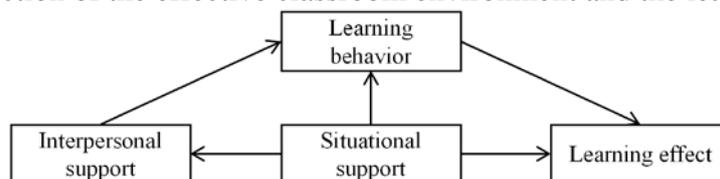


Fig.1. Path analysis model

Through the use of the Internet, teaching activities not only play the leading role of teachers, but also reflect the main status of students' learning. The blind spot of knowledge is common among students trained in the past, and it is a shortcoming in the knowledge structure of music and art students. Radio is an important modern media and an important government department, playing an important role in people's lives. It not only deepens the students' understanding of the content of the teaching, but also increases the interest of the students. With the rapid development of modern science and technology, modern music teaching puts forward higher requirements for the quality of music teachers. We should master new teaching methods and use modern teaching equipment to accomplish teaching work with high quality. Multimedia technology not only reveals the teaching content and teaching objectives of this music appreciation course in detail and vividly, but also deepens the communication and communication between students and teachers.

3. Art and Modern Digital Media

With the development of computer technology, the application of multimedia in teaching will become more and more extensive. However, it should be noted that in actual classroom teaching, not the more multimedia technology is used, the better. The application of modern technology and modern teaching media in music teaching as a course is necessary for the curriculum of music education major [10]. With the development of the times, science has continued to advance and art has become more diverse. The development of science and technology and the development of art are closely related. On the basis of traditional music teaching methods, modern teaching methods and equipment are used to improve teaching methods. The teaching of modern music technology and scientific principles has been added to the students, which not only enables them to master the methods of modern music production and music analysis. It also improves their theoretical level in music acoustics and computer theory. The lack of self-discipline of Internet media, the existence of more security problems in the network and the wanton infringement of intellectual property rights have affected its authority and stability as a music and art media.

Students can observe the sound spectrum form of their singing voice through the computer screen, which adds scientific parameters to the sound identification. In the whole teaching activities, students are no longer confined to the study and appreciation of a specific piece of music, while they are also very interested in other pieces. The large data analysis performance of music evaluation is tested by simulation analysis method. Set the correlation parameters, sampling frequency and adaptive initial step of music teaching resources distribution. The time-domain waveform of the large data distribution is shown in Figure 2 by reconstructing the constraints of music teaching ability evaluation.

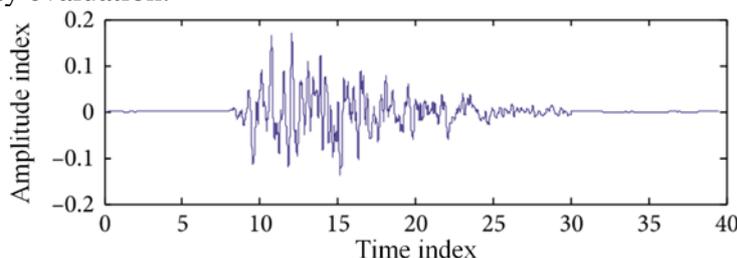


Fig.2. Big data time domain distribution time domain waveform

Today, with the rapid development of the national economy, modern media has played an increasingly important role in guiding the cultural life of the people. In the vocal music teaching, the multimedia computer is used to test and observe the singing resonance and other indicators of the singing voice. The application of modern multimedia technology in the practice of music teaching can present different art forms in different time periods. Furthermore, it can promote the harmony and development of various art categories. Bel canto as the main creative form of art, its bel canto has always been the focus of attention. Through modern digital media technology, art can be better disseminated, and modern digital media technology will be further developed because of its application in art. Musical programs play a very important role in modern media. They enrich people's entertainment life and also play a role in disseminating music.

4. Conclusions

Music art communication can not be separated from the development of the media, and the development and transformation of the media react on the music art, making it produce revolutionary changes. Digital media technology is the product of a specific historical stage. Art can be better disseminated through modern digital media technology. Traditional vocal bel canto art must pay attention to the importance of each part, and in the long-term practice of singing, improve the national vocal art. The ideal music teaching should be a perfect combination of multimedia assisted instruction and traditional teaching. Follow the principle of student-centered, teacher-led, and multimedia as an aid. With the development of the media, the creation and production of music

art itself has also undergone great changes. How to make better use of the modern media platform to promote excellent traditional music culture in the development of this interaction is a problem that every music and media practitioner should seriously consider and solve. In the specific teaching activities, the use of multimedia should also adopt the principle of seeking truth from facts. It is not possible to use multimedia and lose the overall quality of music teaching.

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