

Research and Practice on the Trend of Contemporary Stage Art Design

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Abstract: This paper mainly discusses the trend and practice of contemporary stage art design. Firstly, the definition and function of stage art design are introduced, and its importance in stage performance is pointed out. Then, it analyzes the background and trend of the development of stage art design under the background of contemporary society, including form innovation, color change and material innovation. The future development trend of stage art design is further discussed, including technical application, interdisciplinary integration and scene innovation. Finally, the future prospect and thinking of contemporary stage art design are summarized and summarized. This paper aims to improve the understanding of contemporary stage art design and provide reference for research and practice in related fields.

1. Introduction

With the development of society and the progress of science and technology, the position and role of stage art design in stage art are increasingly prominent. Contemporary stage art design is constantly innovating and changing, constantly bringing forth the old and bringing forth the new, injecting new vitality and charm into stage performance ^[1]. Therefore, studying the trend of contemporary stage art design is of great significance for improving the quality and level of stage art. This paper will discuss the trend of contemporary stage art design with practical cases.

2. The Concept and Function of Stage Art Design

(1) The definition and connotation of stage art design

Stage art design refers to the design process of transforming stage space into visual art space through stage scenery, props, lighting, sound effects and other elements in stage art performance to provide visual effects for the performance. Stage art design is not only an art form, but also an indispensable part of stage art performance. Through reasonable stage art design, the performance can be more vivid and vivid, and then the audience's artistic feeling and appreciation experience can be improved. The connotation of stage art design includes: space design, form design, color design, material design, expression techniques and so on. It needs to be closely combined with stage art performance to create visual artistic effects together.

(2) The role and significance of stage art design.

Stage art design plays an important role and significance in stage art performance. First of all, the stage art design can provide visual effects for the stage art performance, transform the stage space into visual art space, and make the audience feel rich visual experience when enjoying the performance. Good stage art design can create a visual space with atmosphere, environment and situation for the performance, bring the audience into the performance situation, and then enhance the audience's perception and understanding of the performance.

Stage art design can enhance the artistic appeal and appreciation of performance. Stage art design is not only a background, but also a supplement and foil to the performance. Through the use of various elements such as form, color and material, stage art design can show the connotation and emotion of the performance more vividly, enhance the artistic appeal of the performance, make the audience more immersed in the atmosphere of the performance and improve the audience's appreciation.

Stage art design can also improve the artistic quality and level of performance. An excellent stage work not only needs profound connotation and good performance skills, but also needs good stage art design to enhance its artistic quality and expressive force. Through constant innovation and change, stage art design can inject new vitality and charm into performance and promote the continuous development and progress of stage art.

3. The Development Background and Trend of Contemporary Stage Art Design

(1) The development background of contemporary stage art design

The formal innovation of contemporary stage art design means that designers use brand-new artistic expressions and technical means to create stage art effects. The purpose of formal innovation is to attract the audience's attention, stimulate their imagination and improve the viewing experience through innovative stage art expression.

In the practical cases of contemporary stage art design, the forms of formal innovation are very diverse. For example, some designers use modern digital technology and virtual reality technology to create unique stage effects. With the support of this technical means, designers can present incredible picture effects on the stage, such as projecting virtual scenes on the stage or making realistic three-dimensional models.

Some designers also introduce the concepts and elements of contemporary art into stage art design. For example, some contemporary dance works adopt the concept and style of abstract painting, transforming the lines, colors and composition elements in the picture into elements of stage effect. This way of combining contemporary art and stage art design can not only present a unique visual effect, but also bring a new aesthetic experience to the audience.

There are also some designers who integrate stage art design with other art forms to create a new form of expression. For example, some operas or musicals use the film technique to create a grand atmosphere and emotion through large-scale picture effects and complex stage structure.

The formal innovation of contemporary stage art design requires designers to have creativity and innovative thinking, as well as sensitivity and understanding of contemporary art and technology. Only on this basis can designers keep trying and exploring in practice and create more unique and innovative stage art effects.

(2) Color change

Color plays an important role in stage art design. It can create different emotional atmosphere and visual effects through the combination, collocation and change of colors. The color change in contemporary stage art design is mainly manifested in the more diversified and innovative use of color.

In contemporary stage art design, designers usually use bold TINT and contrast to achieve strong

visual effects and emotional expression. For example, in some musical or opera works, designers will use large areas of strong colors such as red or black to emphasize the tension of the plot and the emotional climax.

The color change in contemporary stage art design is not only the simple use of color, but also the use of various color techniques and special effects to create richer and more unique visual effects on the basis of conveying emotions and expressing themes. Designers need to constantly try and explore in practice to achieve more perfect color performance.

(3) Material innovation

Material plays an important role in stage art design. It can not only convey emotions and express themes, but also create visual effects with texture and touch. In contemporary stage art design, designers often use various materials to innovate in order to achieve more unique and personalized effects.

In contemporary stage art design, designers usually use the novel application of traditional materials, such as wood, stone and other natural materials, and create unique visual effects through innovative processing methods and design techniques. For example, in some dramatic works, designers will use the texture and texture of natural materials to create stage installations with strong local characteristics.

In contemporary stage art design, designers will also use new materials and technological means, such as LED lighting and 3D printing, to innovate the stage effect. For example, in some modern concerts and concerts, designers will use LED lighting, projection and other technical means to create a stage effect with a sense of fashion and technology.

In contemporary stage art design, designers will also try to combine and fuse a variety of materials to achieve richer and more complex effects ^[2]. For example, in some dance works, designers will splice and combine various materials to create a multi-level and multi-element stage effect.

The material innovation in contemporary stage art design is not only the simple use of materials, but also the creation of more unique and personalized visual effects through novel application and combination on the basis of conveying emotions and expressing themes. Designers need to constantly try and explore in practice to achieve more perfect material performance.

4. The Development Trend of Contemporary Stage Art Design

(1) Technology application

In contemporary stage art design, the application of technology has become a trend. With the continuous progress and development of science and technology, various high-tech means are constantly emerging, which provides a broader space and more diversified means of expression for stage art design. Designers can use various scientific and technological means to create more unique and rich stage effects.

Digital technology is one of the most popular technical applications in contemporary stage art design. Digital technology can help designers to achieve more complex stage effects, such as using computer software for stage design and virtual reality technology to create more realistic stage effects.

The application of new projection technology has also become one of the important trends of contemporary stage art design. Projection technology can directly project digital images and video materials onto the stage, helping designers to achieve more diverse and rich stage effects. For example, using 3D projection technology can create realistic scenes and unique spatial effects on the stage.

The application of virtual reality technology has also attracted increasing attention. Virtual

reality technology can help designers create more realistic and immersive stage effects. For example, using VR glasses in a performance, the audience can immerse themselves in the stage and feel a more realistic stage atmosphere.

The application of technology is an indispensable part of contemporary stage art design, which provides designers with broader and diversified creative means and performance space. Designers need to constantly pay attention to and learn the latest technology applications in order to make better use of technical means to create unique stage effects.

(2) Interdisciplinary integration

Another important trend of contemporary stage art design is interdisciplinary integration. Interdisciplinary integration refers to the integration of knowledge and technology in different disciplines to create a more unique and diverse stage effect. Stage art design is no longer just a simple artistic expression, but involves the integration of many disciplines, such as architecture, engineering, materials science, mechanics and so on.

Interdisciplinary integration has brought more diverse stage effects and innovative design ideas. For example, in some interdisciplinary design projects, designers not only pay attention to the artistic effect, but also consider the mechanical structure, material selection, stage dynamic effect and other factors, thus creating more complex and diversified stage effects. Interdisciplinary integration can also help designers create more environmentally friendly and energy-saving stage effects, reduce performance costs and improve efficiency.

(3) Scene innovation

Scene innovation is another important trend of contemporary stage art design. With the development of society and the changing needs of the audience, designers need to constantly explore new scenes and stage expressions. Scene innovation aims to break the traditional stage setting and beautiful dance effect, so as to create a more novel and interesting stage effect.

Scene innovation can be reflected in the stage background, props design, lighting effects and many other aspects. For example, using lighting effects can create richer and more colorful stage effects; Using special props can create a more realistic and unique stage scene. Designers need to constantly look for new ideas and inspirations, and combine creativity with practice to create more rich, colorful and interesting stage effects.

In a word, the development trend of contemporary stage art design includes technical application, interdisciplinary integration and scene innovation. Designers need to constantly pay attention to the latest technology, disciplines and audience needs, and constantly explore new stage effects and innovative design ideas in order to create more abundant and diversified stage art works.

5. Future Prospect and Thinking

With the development of society and the continuous updating of technology, contemporary stage art design will continue to undergo major changes and innovations. The future trend of stage art design will pay more attention to multimedia technology and digital design, as well as the application of artificial intelligence and virtual reality technology^[3]. At the same time, designers also need to pay more attention to the integration of social and humanistic factors and improve the aesthetic and cultural value of their works.

Future stage art design also needs to pay more attention to environmental protection and sustainability, follow the concept of “green stage”, reduce the damage to the natural environment, and improve the energy saving, environmental protection and sustainability of stage effect.

In addition, the future stage art design will pay more attention to participation and interaction. The audience will no longer be passive viewers, but become participants and creators. By introducing interactive elements, designers can create more vivid and interesting stage effects and

enhance the audience's experience and sense of participation.

To sum up, the future stage art design will continue to develop and innovate, and make greater progress and achievements in technology, culture, environmental protection and interaction. Designers need to constantly update their knowledge and technology and explore new ideas and methods of stage art design in order to create more outstanding, interesting, environmentally friendly and meaningful stage works.

6. Conclusion

As a comprehensive art, contemporary stage art design should not only pay attention to aesthetic and artistic value, but also pay attention to practicality and stage effect. Under the background of contemporary society, the development trend of stage art design pays more and more attention to innovation and technical application, and gradually integrates various disciplines and cultural elements. In the future, the stage art design will continue to change and innovate, and the aspects of technology, culture, environmental protection and interaction will get greater attention and breakthrough.

References

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