

Construct the Electone Arrangement Book for Electone Majors at Huizhou University in Guangdong Province of China

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Abstracts

Since Electone was introduced into China, many playing talents have been born. However, due to the lack of arrangement teaching, there is a shortage of arrangement talents, which directly leads to the fault of double-row keys in China. Most of the music is very old. This study on this experiment, so that students' arrangement ability has been effectively improved. The research objective was to construct and improve the Electone compilation textbook. This study was the experimental research. The population was 20 junior students of Huizhou University Conservatory of Music.

The research finding was the Electone guidebook was divided into two parts, the first three chapters and the second, the last two chapters. Mid-term exams are arranged at the end of the first part to measure the learning results in the first half. At the end of part, arrange post-test to measure the final learning outcomes. The experiment proves that the researchers' innovative teaching method in Huizhou University has passed and exceeded the expected hypothesis.

Keywords: Construct the Electone Arrangement Book; Electone Majors; Huizhou University; Guangdong Province; China

Introduction

Electone Since the introduction of China in the last century, it has been favored by major music colleges and comprehensive universities. Universities are researching and developing the possibilities of Electone. What was first developed was its ability to play. Full and tension of the performance scene deeply attracted the young generation of musicians. Electone Due to the quite variable performance and widely loved by musicians, its production has greatly expanded the expression mode and field of electronic instruments (Guo, 2017). With the advance of The Times. Electone The arrangement ability is also gradually discovered and valued. In Electone teaching, the cultivation of arrangement and performance ability is to realize the cultivation of students' ability. Avoid the player cultivation mode at the performance level (Liu, 2012). However, the exploration of universities in the field of music arrangement is not plain sailing. Because the arrangement needs a very complex music knowledge as the foundation. This makes it very easy for beginners to be discouraged by the huge knowledge hole. To this end, universities began to study the teaching methods of music like competition. These include the Conservatory of Music of Huizhou University. For nearly a decade, having a self-composed music has been a proud achievement for Electone students.

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In the early stage of the establishment of Electone major of Huizhou University, performance was also the absolute main body. But the transition has been around since 2018. Through the reform of the teaching system, increase the compilation of music courses, compilation of music textbooks and other means actively toward the direction of cultivating innovative talents. Among them, the compilation and application of music editing textbooks are particularly important. Textbooks are the foundation of pedagogy. The systematic teaching material setting is conducive to the orderly promotion of the educational process and the gradual construction of students' knowledge structure and skills (Pang, 2021). Based on the systematic teaching materials, Electone students' music arrangement ability and performance ability are developed in concert (Liu, 2012). The researchers have preliminarily constructed a set of Electone compilation materials. This study is urgently needed to test whether it can effectively and efficiently teach students to complete the task of Electone arrangement independently. Discover and improve the deficiencies. So that it can be fully applied to the future of the students.

Electone Arrangement Education

Arrangers should first have the basic skills of the following aspects : (1) performance control for rich music should have. (2) Timbre allocation, function setting application and operation ability. (3) Harmonic and polyphonic understanding and keyboard and harmonic application ability. (4) Ability to read scores and analyze works. (5) Excellent musical accomplishment and appreciation. (6) Creative use of various means to complete the Electone solo ability.

Through arranging music creation, students can exercise their ability to understand and grasp the original music completely and accurately. It can fully mobilize students' musical imagination and enthusiasm for artistic knowledge exploration. Composition creation is extremely flexible, and different design schemes will get different results. Its main function is to enable students to give full play to their potential, from the shallow to the deep, and gradually achieve clever, accurate, flexible use of Electone board to express rich musical emotions, the expression of colorful inner world. Through the practice of composing music, we can verify the application of our knowledge in various aspects. The creation of arrangement is not only the embodiment of the comprehensive musical ability of the students majoring in Electone, but also an important symbol of the compound musical talents (Wang, 2013).

Since our country introduced the arts college has for more than 10 years of rapid development, it has been more than 30 colleges and universities set up the professional, teaching based on the early development to the present difficult technique and some of the colleges and universities of improvisation and arranger, cultivate students' creativity and innovation ability is the most fundamental to Electone keyboard learning task. It is manifested as the ability of improvisation, arrangement, originality and timbre configuration and production, as well as the important embodiment of creativity and innovation ability. Because these are related to composition and recording, it is not widely used in the teaching of Electone, and some of them are only for the ability of students to teach. In particular, improvisation and arrangement should be a very important course and quality for all students in the learning process, which is also the biggest difference from traditional teaching (Zeng et. al, 2023).

Composing ability: "composing" is an important part of the transformation from playing type to manufacturing type (or creation type) for learners of Electone, and it is an ability that a performer with certain specifications should possess. Arrangement is to compress the score of orchestra, electroacoustic band and various compilation bands into a Electone solo or

ensemble, ensemble, accompaniment music.

Some people believe that Electone performers should have the ability of piano performer, the ability of arranger and the sensitivity of engineer, which fully reflect the requirements for their quality. This requires students to master performance methods and skills, learn to handle and control performance techniques, and comprehensively cultivate innovation. The literacy requirements of Electone players are reflected in teaching activities to improve the level of composition and the practice and teaching of playing skills (Li, 2020). Composition is to achieve creative changes of works and show the performance effect of Electone. Playing techniques are the guarantee to ensure the accurate transmission of music connotation and perfect interpretation of the purpose of arrangement. During the teaching period, to effectively grasp the cultivation of skills in composition and performance is the guidance to effectively cultivate students' skills, and to avoid being limited to the cultivation of performance level. The cultivation of composition ability should focus on performance control, timbre matching and composing ability, application and operation skills, reading score and music research ability, keyboard and harmony application skills, music accomplishment and appreciation ability, etc. (Xu, 2021).

As the earliest institution of higher learning offering Electone organ major in China, Shenyang Conservatory of Music took the lead in establishing undergraduate electronic organ major in 1990, and then established the department of electronic organ in China. In the teaching practice, Shenyang music college adhering to the "nervous, serious, hard, modesty," the teaching purpose, on the teaching arrangement, mainly focus on the student for Electone electronic organ playing skill, the first year, mainly in the playing technique and skill training, the music played for professional teaching materials, adopt the method of combining individual lessons and group lessons, To strengthen students' playing skills and abilities. In the second year, students will spend 2 class hours per week to complete the improvisation training and basically reach YAMAHA Basic Improvisation Test Level 4. In the third year, students will gradually begin a course in arrangement, based on the practice of improvisation. In the fourth year, students' ability of composition and creation is mainly cultivated by means of independent creation and performance rehearsal. Although there are not many effective class hours, the school pays attention to integrating music arrangement learning into skill practice and teaching in the course arrangement process, so that students can not only master playing skills, but also effectively improve their artistic creation ability. (Weijia Bai, 2017)

Research Objectives

To construct and improve the Electone compilation textbook

Research Methodology

This study was the experimental research. The population was 20 junior students of Huizhou University Conservatory of Music. The researcher used the population for the experimenting process.

Conceptual Framework

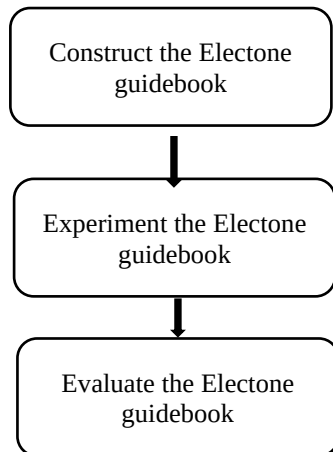


Figure 1. Conceptual Framework

Research Findings

The researchers divided the Electone compilation guide book into two parts, the first three chapters and the second, the last two chapters. Mid-term exams are arranged at the end of the first part to measure the learning results in the first half. At the end of part, arrange post-test to measure the final learning outcomes.

The first part is mainly the teaching of the music framework. First, the first chapter is the general introduction of Electone; the second chapter is the arrangement and replacement of harmony; and the third chapter is the design of the paragraph structure of the music. This step does not involve the choice of timbre and percussion, so all can be learned by piano timbre.

The second part is mainly about the teaching of timbre and percussion arrangement. Touch up the frame of the first part, with the appropriate timbre and percussion. Make it a complete arrangement of music.

1) Part 1

Electone The arrangement can be roughly divided into three categories: arrangements with general score, arrangements with melodic score and arrangement without complete score. This experiment mainly promoted the second type of arrangement. For students who want to be flexible, they must have the ability to expand the single melody score into a band score, so that they can gain the ability to compose the vast majority of music. The whole semester is 16 weeks, and the first part is 8 weeks. Plans such as in Table 1.

Table 1. the lesson plans week 1-8

Week	Content of courses	Chapter
First Week	Understand the development history of Electone	Chapter 1
Second Week	Electone Arrangement of the case analysis	Chapter 1
Third Week	Understand the skills required for the Electone	Chapter 2
Fourth Week	Design mind map	Chapter 2
Fifth Week	Basic harmony	Chapter 2
Sixth Week	Harmonic reconfiguration	Chapter 3
Seventh Week	Harmony compilation with actual combat and analysis	Chapter 3
Eighth Week	Music Structure Design (Part A)	Chapter 3

2) Part 2

Electone There are thousands of timbres and nearly 100 sets of percussion music, how to make use of it organically, become a favorable tool for their own arrangement is the focus. The second part is mainly to explain the timbre arrangement and percussion production. When learning this part, students will feel the strong ability of Electone, and then enhance their cognition of the arrangement and even the performance.

The second part is also 8 weeks, with plans such as table 2.

Table 2. the lesson plans week 9-16

Week	Content of courses	Chapter
9th Week	Symphony timbre (strings, brass, woodwind, percussion)	Chapter 4
10th Week	Other acoustic instruments (guitar, electric steel, saxophone, vibrill, etc.)	Chapter 4
11th Week	Synthetic timbre (main player, paving)	Chapter 4
12th Week	Sound color arrangement with actual combat and analysis	Chapter 4
13th Week	Introduction to the percussion production features	Chapter 5
14th Week	Percussion of various styles (March, rock, Latin, electric sound, etc.)	Chapter 5
15th Week	Combat and Analysis (A)	Chapter 5
16th Week	Actual combat and analysis of percussion music (below)	Chapter 5

After 16 weeks of teaching, the researchers gave the students a final test to see if they met the study's assumptions. Table 3.

Table 3. the assessment

People	Name	Pre-test	Group	Hypothesis	Post-test	Group	Result
1	A	64	Good	40%	91	Good	Pass
2	B	63		40%	90		Pass
3	C	55	Middle	60%	89	Middle	Pass
4	D	51		60%	83		Pass
5	E	50		60%	81		Pass
6	F	49		60%	79		Pass
7	G	46		60%	75		Pass
8	H	42	Low	60%	74	Middle	Pass
9	I	38		80%	72		Pass
10	J	36		80%	69		Pass
11	K	35		80%	67		Pass
12	L	33		80%	67		Pass
13	M	33		80%	66		Pass
14	N	32		80%	67		Pass
15	O	31		80%	64		Pass
16	P	30		80%	63		Pass
17	Q	30		80%	63		Pass
18	R	29		80%	65		Pass
19	S	28		80%	64		Pass
20	T	27		80%	62		Pass

After three tests, the grouping of students changed, from good (80-100 score) to medium (50-79score) to low (30-49 score)

From pretest : Good student = 2 Middle student= 6 low student = 12

Hypothesis: Good student = 5 Middle student= 14 low student = 1

Post test: Good student = 5 Middle student= 15 low student = 0

The experiment proves that the researchers' innovative teaching method in Huizhou University has passed and exceeded the expected hypothesis.

Discussion

Electone Arrangement class

Traditional Electone teaching mainly focuses on Electone performance, and cultivating outstanding Electone performance talents needs this classroom mode. But with the explosion of information, the variety and magnitude of people enjoying music have been greatly improved. In order to cater to the changing times, the choreography skills are particularly important, because it can be quickly connected with the current popular music. So there should also be some performers, and the arrangers should also be cultivated.

It is the only subject of educational activities. As the leader of educational activities, teachers have strict control over the teaching objectives, teaching content, teaching methods, teaching process, teaching effect and teaching quality evaluation. It is not conducive to the cultivation of creative thinking and ability, nor is it conducive to the growth of creative talents (Wu, 2013).

Traditional teaching methods ignore the students' subjective initiative, creativity, personality differences and personal characteristics, lead to students learning inertia, difficult to tap students' learning potential, make students cannot think independently, do not pay attention to the students' learning ability training, gradually formed don't want to ask, don't ask, dare not ask, form blind textbooks and teachers' mentality, limit their divergent thinking and imagination.

Traditional teaching methods are classroom-centered, and the curriculum standards are relatively rigid. The implementation process of teacher teaching mostly mechanically adheres to the predetermined teaching plans, lacks flexibility, and fails to take into account the personalized differences and needs of students. This teaching method is too stylized, and it looks very stable. There are flaws in the art of teaching and standardization. It directly affects the students' insight and understanding of the problem, affects the teaching effect, and cannot achieve the teaching goal.

Take the teaching material as the center, faithfully carry out the teaching material, how to write in the teaching material, how the teacher speak, and explain the theme according to the book. Teachers regard students as recipients of knowledge. The ideal classroom teaching process for teachers is to complete the teaching plan, rather than the "extracurricular branch". Make the teaching material become the shackles of students' free creation and bold innovation, and make the teaching material become the shackles of students' free creation and bold innovation (Li, 2016). In addition, we use a lot of reading and rote memorization to memorize the content of textbooks and exaggerate the actual role of textbooks. Teaching method: Since there is a fixed time and place in the teaching process, the teacher must complete the content within the specified time. In this process, the teaching is single, dogmatic, and static. Blackboard is the main tool of classroom teaching. Students staring at the blackboard for a long time will make them feel visually tired. Even in listening, it is also the teacher's voice from beginning to end, which may make students feel dull in the whole teaching process, because students' acceptance of knowledge is passive and affects the training of innovative thinking.

Electone Compilation Guidebook

Yamaha The company has officially produced two Electone compilation textbooks. The functional explanation is very detailed, and the mainstream style will be explained on percussion production. But many people who have bought it say that they will not learn to compose it even. I think there are three reasons for this embarrassing situation:

1) Lack of explanation of the arrangement process

Compilation is an organic combination of a whole set of processes, and which link is missing in the middle will affect the effect of the music, so Electone arrangement book must introduce the functions and skills of each process to students, and can organically connect each process together. In this way, the students will not suddenly become confused in a certain link, confused about what to do next.

1) Lack of an explanation of the music structure

The method of making only a certain style of percussion or only arranging the timbre of a certain paragraph cannot be completed. This will only lead to the students out of the works between the paragraphs, the timbre of stiff and unnatural. Therefore, it must be necessary to teach students the role and skills of each paragraph, so as to make students compose a unified music.

2) Lack of practical explanation of complete music

Single function introduction again detailed, also can not let people learn to arrange music. It's like giving a new person paint in 100 colors, but it can't draw a popular painting. Therefore, it is necessary to consistently use a complete piece of music, developing from the melody step by step to a complete Electone arrangement work. In order to let the students understand the arrangement of this organic whole.

This Electone compilation guide book solves the above pain points. With a single melody of a classic music, it is developed into a chord score with harmony design, and then into a three-part Electone score with paragraph design. Then on this basis, it arranges the timbre and makes the appropriate percussion, and finally forms a complete and smooth music.

Recommendation

1. Practical Recommendations

Electone The teaching mode of the guide book is in line with The Times. Its comprehensive teaching ideas guide students to understand the core of the arrangement step by step. After this group of students learn the music learned in class, they will wait to try the next arrangement work, so that the performers and arrangers can develop together. In the past, the teaching of Electone was very old, which was not only reflected in the teaching, but also reflected in the music library. This is reflected in the fact that most of the Electone videos on the Internet are still Electone music from decades ago. Researchers are eager to change this situation, and the key is the Electone arrangement skills, because Electone students who do not have the arrangement ability can only be subject to the current library, but this library is too old.

2. Recommendation for future research

This study is just the beginning, and it does have some advances, but there must be some imperfections. I hope this is a good model for future researchers for reference. To develop more and more efficient Electone compilation guide books. And hope that colleges and universities across the country can form an alliance, this alliance specially gathers the talent of colleges and universities, arrange a large number of Electone arrangement works in line with The Times, so as to replace the old Electone library, so that the development of Electone more vigorous and vibrant.

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