

COPY RIGHT



ELSEVIER
SSRN

2021 IJIEMR. Personal use of this material is permitted. Permission from IJIEMR must be obtained for all other uses, in any current or future media, including reprinting/republishing this material for advertising or promotional purposes, creating new collective works, for resale or redistribution to servers or lists, or reuse of any copyrighted component of this work in other works. No Reprint should be done to this paper, all copy right is authenticated to Paper Authors

IJIEMR Transactions, online available on 14th March 2021. Link

<https://ijiemr.org/downloads/Volume-10/ISSUE-3>

DOI: 10.48047/IJIEMR/V10/I03/54

Title **SOUND FUNCTIONS IN SPORTS AND MASS EVENTS**

Volume 10, Issue 03, Pages: 303-305.

Paper Authors

Mamirova Dilaram Tavakulovna¹, Odilova Iroda Batyrovna²



USE THIS BARCODE TO ACCESS YOUR ONLINE PAPER

To Secure Your Paper As Per **UGC Guidelines** We Are Providing A Electronic Bar Code

SOUND FUNCTIONS IN SPORTS AND MASS EVENTS

Mamirova Dilaram Tavakulovna¹, Odilova Iroda Batyrova²

Associate Professor, Department of "Stage movement and physical culture" of the State Institute of Art and Culture of Uzbekistan¹.

Direction: "Sound engineering of cinema, television and radio" 1st year, State Institute of Art and Culture of Uzbekistan².

Abstract: This article is dedicated to the amazing, multifaceted and entertaining world of sound effects and noise. The features of the now in-demand profession are the sound designer. The authors pay attention to the joint creative activity of the director and sound engineer. Identify the basic functions of a holiday and performance sound engineer. The aspects of this area in its modern development are provided in detail.

Keywords: direction, art, effect, operator, acoustics control, reproduction, processing.

Introduction

The broadcasting of sports events implies the well-coordinated work of the film crew and the broadcasting of an audiovisual program, which allows the viewer to see the course of the game from several angles, watch replays of key moments, and obtain competition statistics. For organizers of sports events, conducting a live broadcast allows you to increase the audience several times, get more opportunities for successful cooperation with sponsors and partners. [3 P.111] The organization of broadcasting of sports events is available not only for professional, but also for amateur teams (including school ones).

A sound engineer at mass sports and events is engaged in the sound design of the action, also using various pieces of music, noises, and so on. Together with the director, he develops the concept of this design and brings it to life. And during the competition monitors the sound quality and timeliness of delivery.

Purpose of the research: identification of general trends in the development of means of artistic expression in the professional activity of a sound engineer, at sports events.

The relevance lies in their inextricable connection with the evolution of technical means of recording, reproduction and processing of sound; analysis of the features of the work of a sound engineer, as an active participant in the creation of works of art in conjunction with physical culture and sports.

Training of specialists in the field of sound engineering is carried out with the onset of Independence of the Republic of Uzbekistan, qualified specialists with extensive practice experience were invited to train students, including honored cultural workers of Uzbekistan: Kim Gim Nyan, Hotam Fayziev, K. Karimov, N. Gerasimov, Sh. Makhmudov, G. Shukurov, L. Mukhamedov, Khasan Fayziev, Turdi Nodirov, Marat Soliev and many others, contributing to the development of cinematography generally. [1C.57]

At sports events, the sound engineer works with "live" sound. The sound engineer must remove the complex sound stream from the noise, adjust it taking into account the acoustic characteristics of the room or outdoors.

"For a sound engineer, good technical ear is a fundamental skill. It is he who makes it easy to navigate in the virtual audio space, to identify the advantages and disadvantages of sound. " [2 p.15]

Today, it is difficult to imagine a mass sports event without a large-scale sound-technical complex, which is controlled by a person at a multi-button device, or even does it from a tablet, being at any point of the event. Considering the variety of mass sports events and the specifics of their venues, I would like to note the complexity of the process of sounding these spaces. Indeed, in addition to knowledge of the basics of sound engineering, a clear mathematical calculation is also required here:

the technical capacity of the equipment, the amount of equipment, its location (installation), logistics, equipment installation, maintenance, etc. All this forces the modern sound engineer of holidays and sports events to study, analyze, carefully read the documentation and understand the names of the list of specified equipment in the technical rider, independently be able to draw up technical specifications for sound rolling companies and subcontractors. [4 p.372]

One of the important issues of sounding spaces is the issue of the psychology of sound perception, associated with the characteristics of the hearing aid and the sound preferences of the audience.

Considering that now almost all mass sports events, such as: "Universiade", "Barkamol Avlod", "Umid Nihollari", cannot do without sounding the stage space, it is necessary to navigate the huge information field of your specialization and be able to choose the necessary resources for their tasks. [5 p.433]

In practice, the following concepts are often encountered: "sound solution", "noise accompaniment", "musical beat", etc. One way or another, all these terms are associated with three basic concepts of sound engineering: musical, noise and sound-technical design. All the abundance of sounds of the world around us belongs to noise. To the notion of sound and technical, everything that we now call a phonogram. This also includes various synthetic sound samples and effects. It is precisely the combination of technical innovations and the possibility of sound amplification, sound transmission through acoustics and methods of sounding large spaces. Thus, with the advent of new technologies, a new creative unit appeared - a sound engineer. [7 C.6]

The sound engineer of mass sports events is a modern artist of the sound design of a project, a versatile sound engineer, ready for

non-standard solutions to any staging tasks and a constant search for new technologies.

Let's define the main functions of the sound engineer of mass sports events: The sound engineer creates high-quality audio content (clear sound in terms of volume, tonality, timbre, harmony); The sound engineer at the event creates a sound atmosphere for the action; The sound engineer silently controls the entire sound-acoustic system during the entire action; Sound engineer - a designer of the sound space at non-traditional sports grounds.

The final preparatory stage is the installation and mixing of phonograms. When editing, it is very important to avoid differences in tempo, level and musical coloration of the edited sports. It is also important to take care of the logical musical beginning and ending of the edited fragments on the tonic. The installation process should be approached carefully and carefully.

Having a multi-site structure, a sports-mass space requires a large amount of equipment and several sound engineering teams, which are led by a chief sound engineer. [6 p. 5]

The entire implementation process begins a few hours before the start of the competition itself and continues until the "last wire" is removed from the sports stadium and consists in managing audio streams during the entire sporting event. Thus, a sound engineer is a person who goes through all stages of preparation and implementation of a project from and to with the director.

Output. The development of techniques and technologies in the field of sound engineering opens up great prospects for sound artists. All this speaks about future projects that can endlessly surprise the viewer, and about the growing requirements for the professional technical level of education of sound engineers and directors of sports events. Understanding all of the above, for the director of sports

events, is the key to success in the creative process of working with a sound engineer.

Literature

1. Amanmuradov Sh.Ch. "Musical and Noise Design". Tutorial. Fan va talim polygraph. Tashkent-2019. 57 s.

2. Rakhmanova N.A. Development of technical hearing: goals, features, methods. Show master. - 2018 No. 1. Moscow: Art. 15 s.

3. Mamirova D.T. Fundamentals of organization and management of mass sports in the system of lifelong education. Scientific notes of the University. P.F. Lesgaft No. 7 (173). Federal State Budgetary Educational Institution "National State University of Physical Culture, Sports and Health named after P.F. Lesgaft, St. Petersburg ". 2019 111 p.

4. Mamirova D.T. Social factors and motivation as an increase in the attraction of young students to normal activities by physical culture and mass sports. Scientific Bulletin of Namangan State University. 2019 year. Volume 1, No. 4.372 p.

5. Mamirova D.T. The influence of the Eastern heritage on the formation of personal development. Scientific Bulletin of Namangan State University. 2019 year. Volume 1, No. 6. 433 p.

6. Mamirova D.T. Physiological changes in the body during physical exertion and means of recovery. International Engineering Research and Development Journal. Volume 6 No. 1. 2021. 5 sec.

7.M.D. Tavakulovna, F.Z. Kamarbekovna. The role of physical culture in professional applied training in the universities of arts and culture. International Engineering Research and Development Journal. Volume 6 No. 1. 2021. 6 sec.