

# **THE FEDERAL POLYTECHNIC, ILARO**

**DEPARTMENT OF MASS COMMUNICATION**

**PROJECT REPORT**

**ON**

**FABRICATION OF TABLE MICROPHONE STAND AND STUDIO LIGHT**

**SUBMITTED BY**

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## **ABSTRACT**

Technological innovation and its financial implication of purchasing these technological equipment for studio use demands that mass communication professionals should advocates for local fabrication of most of these equipment. It means that mass communication professionals in relevant field such as broadcasting and film should collaborate with other professionals in mechanical, computer and electrical engineering to look inward to fabricate broadcast equipment to meet local demand. Also, there is need to also train mass communication undergraduates on little fabrication of some of these equipment so as to enhance their skills and diversify into equipment fabrication. Table microphone stands and Studios' light are two of the studios' equipment can be fabricated for local use. The table microphone stand can be used in either radio or television studios. The microphone stand is cheaper and portable to be used even outside the studio. Lights are also relevant for studio production most especially in television studios.

**Keywords: Fabrication, Studio, Microphone, light, equipment.**

## **Introduction**

Table microphone stand and lights are two out of other important broadcast studio equipment. Manufacturers and dealers in studios equipment do stock these equipment because no studio can do without them. For example, table microphone stand is very useful in both television and radio studios because it is used to hold microphones in order to make it convenient for the On – air – personnel to present easily without distraction. Light on the other hand, is used for studio illumination to add aesthetic to studio and the objectives.

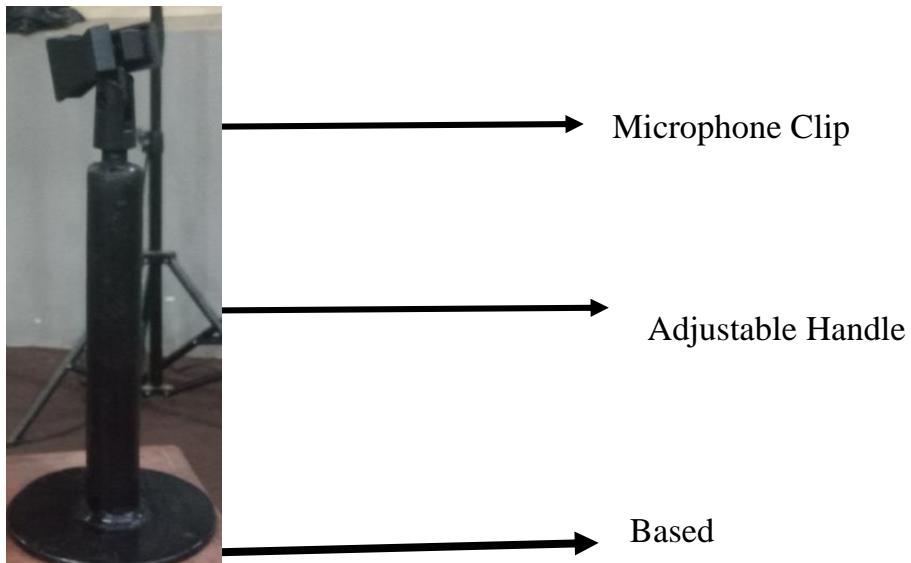
Today, the influx of production studios either broadcast or commercial across the world and especially Nigeria has increased the demands for studios equipment. Therefore, there is need for more production of most these equipment to be available locally. Equipment such as camera tripod, dolly, switchers, cameras, audio consoles, table and floor microphone stands, different studio lights, and so on, are equipment that can be fabricated or assemble here in Nigeria.

It is against this background that, the technologists decided to take a shot at the fabrication of table microphone stands and the light to see the possibilities of training students of mass communication in the fabrication of equipment locally and to encourage some of them to acquire little skills in mechanical, electrical and computer engineering.

## Method

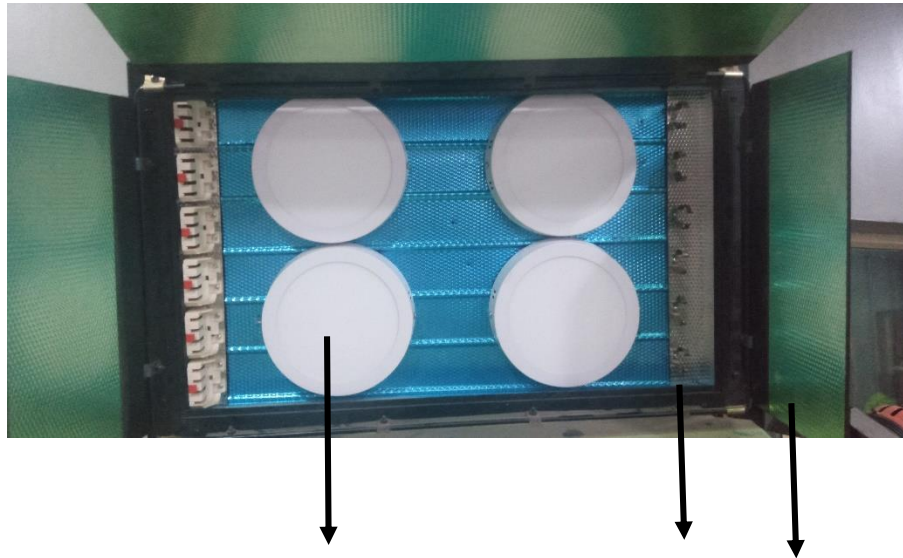
Both equipment were fabricated locally by commissioning a welder and an electrician. The two artisan were given specifications of what to do and were duly supervised. The materials for these fabrications were sourced locally here in Ilaro town.

### Table Microphone Stand



## **Flood Light**

The fabricated light is an adaptation of Kino flo light using its case. Four 12 Watts of Led lights were built into the case of kino flo light to create a brighter studio light



12 Watt Led light

Case

Barn door

## **Discussion**

There is no doubt that, the above fabrication will contribute to development of technological innovations and fabrication of studios' equipment in the study of mass communication in the polytechnic education. It is also important to note that, the students will benefit immensely from the above fabrication as the equipment will be available in the studio to training and motivate the students to do such.

The department of mass communication and the institution have added locally made additional equipment to the studio.

## **Recommendation**

We want to recommend that the management of the institution should also give attention to the fabrication of equipment in the field of mass communication, art and design and music technology aside the engineering and science departments alone. It is also recommended that, the technologists in these departments should be sponsored and encouraged for technical training in the relevant areas to enhance their skills in training students and embarking on more fabrications of relevant equipment.

## Appendice

### Table Microphone Stands



### Studio Light

