



MODULE: **BASIC RADIO BROADCASTING**  
CODE: **JST 04202**

## RADIO STUDIO EQUIPMENTS

Because of technological advancement new equipment are born every day studio owners purchase according to their desires. So the following are the few of equipment used in radio studio and their functions..

S/N	EQUIPMENT	FUNCTIONS
01	<b>Microphone</b>	The Microphone is used to capture the sound and converts it into electrical impulses
02	<b>Microphone Processor</b>	This is an audio compressor than can decrease the volume of the voice when it is too loud, or amplify it when it is too low.
03	<b>Mic Arm</b>	Studio microphones are often mounted on a special arm that keeps the microphone at the proper height.

## Continues... Equipment and functions

<b>05</b>	<b>Headphone Distributor</b>	The Headphone Distributor is necessary to connect several users to the same source.
<b>06</b>	<b>Mixer Console</b>	Audio Mixer Is the heart of any studio Console. This is the interface used to control what's heard on air, and to choose which sounds should be broadcasted
<b>07</b>	<b>Audio Processor</b>	The Audio Processor is a very important piece of equipment used in the radio studio, it improves and optimizes the sound quality of your Radio. For example you may choose rock, pop, jazz or classical
<b>08</b>	<b>Active Monitor Speakers</b>	This is a very important equipment used in the radio studio to listen music/ programs

## Equipment and functions Continues...

<b>09</b>	<b>On-Air Light</b>	This is a special lights to notify the program is on air do not enter or knock the door for example DSJ FM has red and green light once the red is on means the program is live and the green light means program is not live
<b>10</b>	<b>Computer</b>	Computer is used to install software for radio programs productions but also keeping of songs, jingles and audio advert
<b>11</b>	<b>Transmitter</b>	Used to transmit audio signals from the station to the listener



**THANKS**