



ST. ALOYSIUS' COLLEGE

AUTONOMOUS
JABALPUR- 482001
MADHYA PRADESH, INDIA

CRITERION-4

INFRASTRUCTURE AND LEARNING RESOURCES



Key Indicator
4.3 IT Infrastructure



Metric No.: 4.3.3
Media Centre

Document Name
Mixing Equipment List & application



ST. ALOYSIUS' COLLEGE (AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)
College with Potential for Excellence (CPE) by UGC
DST-FIST Supported & Star College Scheme by DBT.

Mixing Equipments of Media Centre at St. Aloysius College (Autonomous), Jabalpur



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Below is a list of the equipment along with their potential applications within a media center setting:

1. BLACK MAGIC DESIGN ATEM MINI EXTREME ISO

- Application: Used for producing live broadcast-quality video content, such as lectures, events, or performances.

2. UGREEN MH-355957 HDMI CABLE 3M (10FT.)

- Application: Connects cameras, computers, or other HDMI-enabled devices to monitors, projectors, or streaming equipment.

3. BELDEN 1813A AUDIO CABEL

- Application: Connects microphones, mixers, or audio interfaces to ensure high-quality audio transmission.

4. NEUTRIK (SILVER) NC3MXX (3PIN X LR MALE)

- Application: Used to make custom audio cables for connecting professional microphones and audio equipment.

5. SIRUI SH25 ALUMINUM VIDEO TRIPOD

- Application: Provides stable support for video recording, essential for capturing steady and professional footage.

6. SENNHEISER EW-112P G4 WIRELESS MICROPHONE

- Application: Ideal for presentations, interviews, or recording audio where mobility is required.

7. M-AUDIO BX5 D3 COMPACT 2-WAY 5 INCH

- Application: Used for audio mixing and monitoring to ensure accurate sound reproduction in editing suites.

8. SONY PXW-Z150

- Application: Captures high-quality video content for documentaries, interviews, and live streaming.

9. DIGITEK SONY NP-F970L

- Application: Provides extended power supply for cameras during long shooting sessions.

10. SONY 7M3K WITH 28-70 LENS KIT

- Application: Suitable for a wide range of photography and videography needs, from portraits to landscapes.



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11. GODDEX FLASH V1

- Application: Provides additional lighting for photography, enhancing image quality in low-light conditions.

12. BATTERY SONY FZ 100

- Application: Used as a spare or replacement battery to ensure continuous camera operation.

13. PROGRADE 128 GB U3 V60 SD CARD

- Application: Used in cameras and recording equipment for reliable storage of high-resolution media files.

14. GODDEX VIDEO LIGHT LED 1000 BIII COLOUR

- Application: Provides controllable lighting for video production, enhancing the visual quality of the footage.

15. PROFILE STAND 19 FOOT WITH BAG SET OF 2

- Application: Supports lighting equipment for video and photo shoots, allowing for flexible lighting setups.

16. PROCESSOR 19 10900K MSI B760/32GBRAM

- Application: Powers a computer system for video editing, graphic design, and other media production tasks.

17. SAMSUNG T7 2TB EXTERNAL SSD

- Application: Used for fast and reliable external storage of large media files, facilitating easy transport and backup.

18. SAMSUNG TV 32T43410

- Application: Displays video content for editing, monitoring, or presentation purposes within the media center.

19. GREEN MAT SCREEN 10X8

- Application: Used in video production for chroma keying, allowing for the addition of different backgrounds in post-production.

20. SMOKE DETECTOR:

- Application: Detects the presence of smoke, triggering the fire alarm system. Used for fire safety and early warning in buildings.



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21. MANUAL CALL POINT:

- Application: Allows manual activation of the fire alarm system in case of an emergency. Provides a way for occupants to raise the alarm if they detect a fire.

22. HOOTER:

- Application: Provides an audible alarm to alert occupants of a fire or security breach. Used for notification and evacuation purposes.

23. 2 ZONE FIRE CONTROL PANEL:

- Application: Manages and controls the fire alarm system, monitoring multiple zones or areas of the building. Acts as the central control unit for the fire detection and notification system.

24. 12V DC DRY BATTERY:

- Application: Provides backup power to the fire alarm system in case of a mains power failure. Ensures the system remains operational during power outages.

25. AUTOMATIC GSM BASED DIALLER:

- Application: Automatically dials a predetermined number to notify authorities or monitoring stations in case of an alarm. Facilitates rapid response and emergency communication.

26. 4 CORE CABLE:

- Application: Likely refers to the wiring or cabling used to interconnect the various components of the fire alarm system.

27. STUDIO QUALITY ACOUSTICS FOR FRONT, BACK & SIDE WALLS:

- Application: In a media center, this would be used to enhance the acoustics for recording purposes or to ensure clear sound quality during presentations or screenings.

28. PROFESSIONAL GRADE ACOUSTICS CARPET LAYING:

- Application: This carpeting would be beneficial in a media center where audio recordings are made, as it would minimize the impact of foot traffic and other low-frequency noises.

29. ACOUSTICS FOR CEILING - GI FRAMEWORK WITH FABRIC FINISH:

- Application: In a media center, ceiling acoustics would be important for controlling sound in a large space, especially if the center is used for events like lectures, film screenings, or musical performances where sound clarity is crucial.

30. ADOBE CLOUD

- Application: Adobe Creative Cloud is a set of applications and services from Adobe that gives subscribers access to a collection of software used for graphic design, video editing, web development, photography, along with a set of mobile applications and also some optional cloud services.

This equipment collectively enables a media center to produce, edit, and display high-quality audiovisual content for educational and creative purposes.