

TIPE ANDROID LABORATORIUM BAHASA



**ARION
INDONESIA**

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MASTER SIDE

MASTER KONTROL

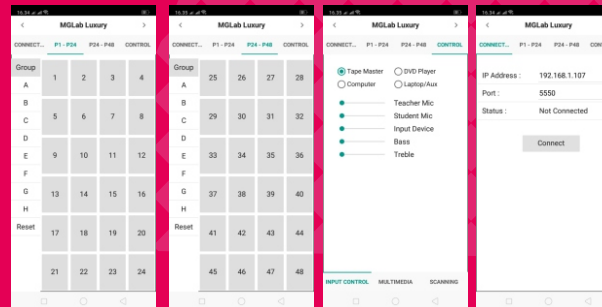
Pengendalian utama sistem lab bahasa yang berbasis software komputer. Bisa dilengkapi dengan sistem touchscreen (optional)

MGLab



SYSTEM CONTROL:

Micro Control System with internal memory, RS232 Control, Digital Circuit Operating Voltage 5 VDC +/- 3% TTL Level, Data Speed 19200 Kbps, High Power Amplifier, Tone Control DC Voltage, Pre Amplifier DC Voltage, Output Headset Earphone 8-16 Ohm | Output Room Speaker 8 Ohm
Power Supply: 220/240V - 50 Hz
Power Consumption: 300 - 400 Watt
Input Headset: 30 - 60 Ohm
Master Tape, DVD Computer, Audio Recorder, Auxiliary
Frequency Response: 100 - 10.000 Hz
S/N Ratio: 50dB
Maximum absolute ratings
1. Operating Voltage: 24 VDC (Audio Circuit) | 6 VDC (Digital Circuit)
2. Operating Temperature: 85 Degree Celcius
3. Standby Temperature: 30 Degree Celcius



SOFTWARE CONTROL

1. Listening function
2. Intercom function
3. Writing function with keyboard control (optional)
4. Conversation
5. Video Repeater
6. Recording audio format mp3
7. Visualized Attender names and layout
8. Preprogrammable Seat Layout
9. User Friendly Graphical User Interface
10. Databased class, teacher, student as user entries
11. Evaluator Quiz (optional)
12. Keyboard Control
13. Inzo Features
14. Group Selector
15. Autorun with Adjustable Delay
16. Integrated on Android Device

TABLET MASTER

Samsung

Ukuran Layar 10.4"
Kapasitas Baterai 7040mAh
RAM 3GB, ROM 32GB, Main Camera 8MP
Front Camera 5MP



LAPTOP

Acer

- Processor: Intel Core i7
- RAM: 16GB DDR4
- SSD: 512GB
- Ukuran Layar: 14 Inch



HEADSET TEACHER

MGLab MG 888MV

Mic

Type : Condenser
Freq Response : 30 - 16.000 Hz
Impedance : 32Ω, Sensitivity : -58+/- -3dB

Earphone

Freq Response : 20 - 16.000 Hz
Impedance : 32Ω, Sensitivity : 105 dB/mW, Cable lenght : 1,5 m
Connector/plug : 3 pin



MIC WIRELESS

Shure / sejenis

Frequency Stabilization : <±30
Dynamic Range : >80dB
Total Harmonic Distortion : >0.5%
Frequency Response : 40Hz - 18KHz ±3dB
Signal-to-Noise Ratio : ≥ 100dB
Signal/Noise Ratio : >82dB



MEJA MASTER

MGLab

Bahan : Particle Board 15mm
dengan laminasi PVC Sheet
warna Beach model U
Barang Buatan pabrik
(knock down system)
Ukuran model U : 210 x 120 x 75 cm



KURSI MASTER

MGLab

Kursi dapat diputar, mempunyai sandaran lengan, tinggi dapat diatur.



ACCESS POINT WIRELESS

TP-Link

Access Point + Router, support 802.11b/g/2 (Two) Access Point, masing-masing untuk 9 (sembilan) komputer client 4-ports LAN 10/100Mbps, 1 Port WAN, Auto MDI/MDI-X Universal Repeater & WDS Detachable Dipole Antenna, Wireless client isolation, WPA, WPA-PSK, WPA2, WPA2-PSK, support & WEP 64/128-bit Repeater to increase wireless coverage Access Point, Router, Gateway, Bridge, Access Point repeater & Access Point Client. Web-based Management.



STUDENT SIDE

TABLET STUDENT

Samsung

Ukuran Layar 10.4"
Kapasitas Baterai 7040mAh
RAM 3GB, ROM 32GB, Main Camera 8MP
Front Camera 5MP



MEJA SISWA (TWINBOOTH)

MGLab

Model Twin Booth
Bahan: Particle Board 15mm dengan laminasi PVC Sheet warna Beech dengan kaca & nomor siswa di bagian depan
Ukuran: 123 x 118 x 54 cm
Barang buatan pabrik (Knock Down System)



STUDENT CHAIR

Fortuner

Bahan stainless steel, jenis lipat (Folding Chair)
Tinggi : 810 mm
Lebar : 375 mm, Panjang : 395 mm



HEADSET SISWA

MGLab MG 888MV



Earphone

Freq Response : 20 - 16.000 Hz
Impedance : 32Ω
Sensitivity : 1053m
Cable length : 1,5 m
Connector/plug : 3 pin

Mic
Type : Condenser
Freq Response : 30 - 16.000 Hz
Impedance : 32Ω
Sensitivity : -58 +/- - 3dB

STUDENT CONSOLE

MGLab

MG LAB (Student Console)
Minimal memiliki fungsi utama sebagai berikut :
* Menggunakan lampu LED
* Record Out
* Fungsi memanggil/Call; siswa tinggal menekan tombol "Call" untuk menghubungi guru.

Spesifikasi

Frequency Response : 63-10.000Hz
S/N Ratio : > 50dB
Distortion : < 3%
Input Mic : - 60 dB
Intercom : - 15 dB, 5000
Headset : - 10 dB



KELENGKAPAN

INSTALASI LISTRIK

MGLab



PC : Kabel 3x1.5 mm
UPS : Kabel 3x2.5 mm
Kabel LAN : Belden Cat 6

BOX STAGE MASTER dan BOX STAGE KABEL

MGLab

Box Stage Master bahan multiplex dilapisi karpet, ukuran 240x180x20 cm
Box Stage Kabel bahan multiplex dilapisi karpet, ukuran 240x60x12 cm



KARPET + PEMASANGAN

Jawa



Bahan terbuat dari serabut plastik, tebal 4mm Polypropylene, Lebar 4 meter dan panjang mengikuti ukuran ruangan lab & dilapisi karpet

LCD PROJECTOR 3600 Lumens

+ Wall Screen + pasang

Benq / Epson



Sistem Projector : DLP Technology
Resolusi Native : SVGA (800 x 600)
Brightness : 3600 Lumens
Rasio Kontras : 20,000:1
Rasio Aspek : 4:3
Rasio Besaran (Zoom) : 1.1:1
Tipe Lampu : 200W
Kesesuaian Video : NTSC, PAL, SECAM
Daya / Power : AC100 to 240V, 50/60Hz
Dimensi (WxHxD)(mm): 296 x 120 x 221

ROOM SPEAKER

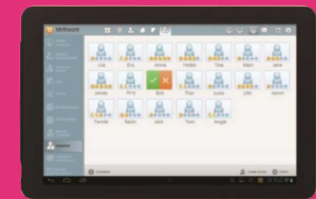
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Speaker Size : 8 inch (Three Way)
Power : 20.000 PMPO



SOFTWARE LAB BAHASA MULTIMEDIA

SOFTWARE MASTER + CLIENT



- Screen broadcast
- Student demonstration
- Interactive whiteboard
- Response & competition
- Monitor & control
- Student registration
- Remote command
- Remote setting
- Quiz
- Survey
- File distribution/collection
- web/application policy
- Thumbnail view
- Automatic connection