

### Auto Selector (JVD-201)

This is a monitor selector that distributes video signals in order to view two VGA output signals at the same monitor.

|                   |                             |
|-------------------|-----------------------------|
| Power Source      | DC 5V                       |
| Power Consumption | 30mA                        |
| Input/ Output     | 2 INPUT/ 1 OUTPUT           |
| Input/Output(RGB) | Analog 0.7VP-P/75 ohms      |
| Input Cable       | 100m(MAX) UL 1061 VGA cable |
| Dimensions        | 106(W)×87(D)×26(H)mm        |
| Weight            | 125g                        |



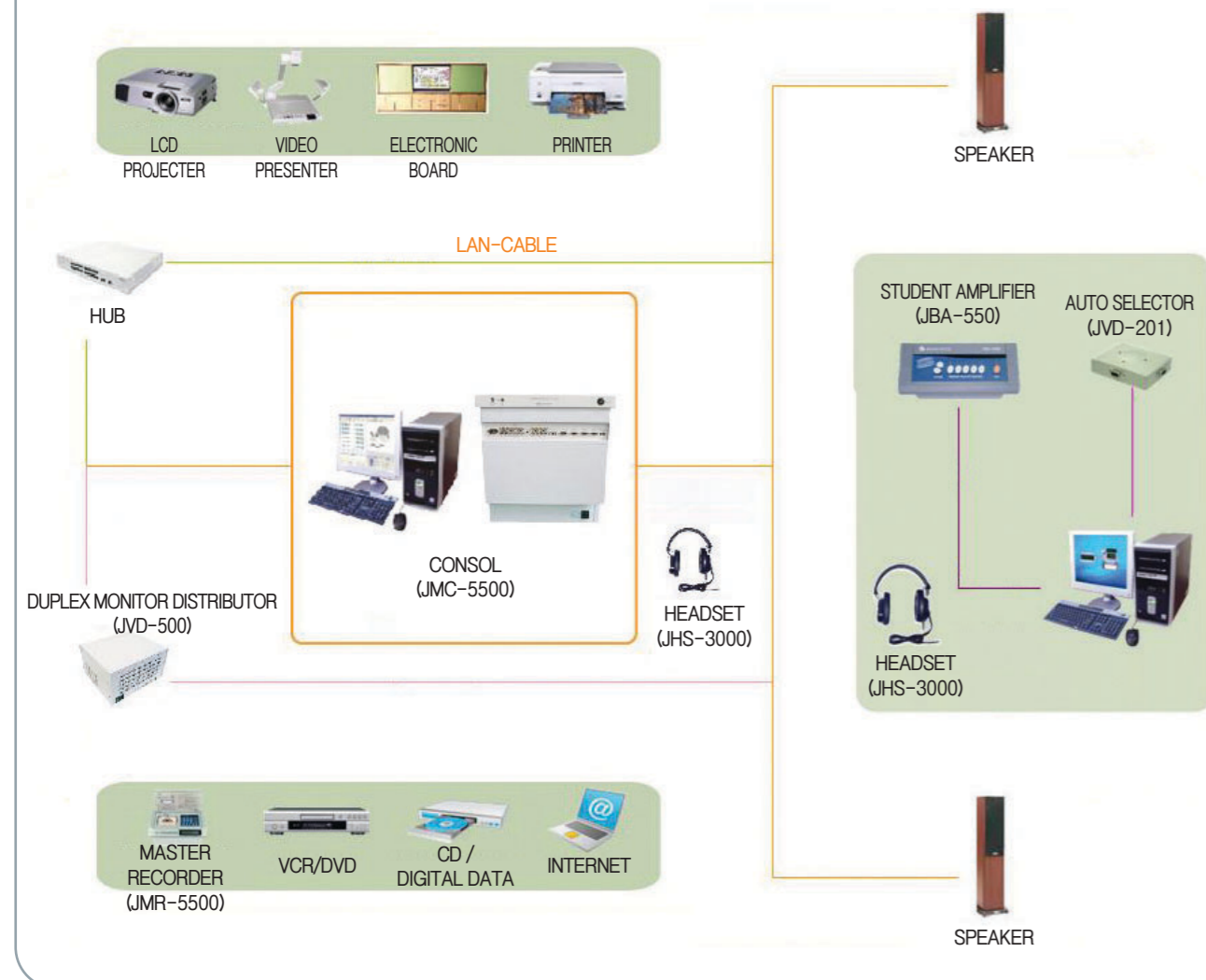
### Connection Cable

Program Audio Cable(MT-14PS), RGB Cable(MT-15PV)

|              |   |
|--------------|---|
| CABLE(15PIN) | E108683, AWM 2990, UL VW-1, 80°C, 30V<br>Low voltage computer cable MT-15PV |
| CABLE(14PIN) | E225146, AWM2835 UL VW-1, 80°C, 30V<br>Low voltage computer cable, MT-14PS  |



### Digital Language Laboratory System Configuration



# DIGITAL LANGUAGE LABORATORY SYSTEM

(JMC-5500 SERIES)



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## Computer Console (JMC-5500)

This is an outstanding system that helps students to study more efficiently by applying highly developed technologies to this device. Besides the current functions of a traditional language lab (Listening, Recording, Repeating, Dialogue), it can change a variety of sources (Audio, Video, Graphic, Text) into digitalized formats and transmit them easily to the students' sides. In addition, it can control and supervise the students' PCs.



### Main Features

- Easy to use, thanks to well-organized icons.
- To transmit various kinds of program sources.
- To make MP3 files out of various teaching materials
- To keep data, analyze them systematically and also share them.
- To adjust seat layout representing the actual arrangement of seat position.
- Learner-centered guidance(In accordance with the levels of students, Either individual or group study)
- Intercom, All Call, Group Call, Model Voice, Model Speech, Conference, Pairing, Self Study
- Management of the students (Information of the students, groups, Attendance, Tasks, Questions and Answers, Results, Assessments, Memo, Evaluation, etc)
- To transmit the images and sounds of the teaching materials to each group or entire class(Broadcast)
- To transmit a particular student's PC screen to an individual, a certain group, or all the students and also possible to access internet
- To monitor the states of individual, group or total students' PC screens, Audio and MIC by displaying them on the teacher's screen (Observe)
- To lock/unlock the keyboards and mouse of an individual, a group or all students.
- To blank the screens of an individual, a group or all students to help the students concentrate on the instructor rather than their screens,
- To remote reboot student's PC(reset, power on/off)
- To Support Help message.

|                   |  |
|-------------------|--|
| Power Source      | AC 110/220V, 50/60HZ                   |
| IN PUT            | Headset MIC : 600ohms (-45dB)(4.4mv)   |
|                   | Aux MIC : 600ohms (-60dB)(0.77mv)      |
|                   | Program Line : 10Kohms (-10dB)(0.24v)  |
|                   | Program Aux : 10Kohms (-10dB)(0.24v)   |
|                   | Monitor Line : 15Kohms (-15dB)(140mv)  |
| OUT PUT           | Headphone : 16ohms (-22dB)(190mv)      |
|                   | Lab speaker : 8ohms 15Watts (Max)      |
|                   | Program Line : 150 ohms (-5dB)(140mv)  |
|                   | Intercom Line : 150 ohms (-5dB)(0.43v) |
|                   | Recording 10Kohms (-10dB)(0.24V)       |
| Power Consumption | 90W(MAX)                               |
| Frequency Range   | 10-10,000Hz(program channel)           |
| Signal to Noises  | Better than 45 dB                      |
| Dimensions        | 450(W)×270(D)×470(H)mm                 |
| Weight            | 18.7Kg                                 |

## Master Recorder(JMR-5500)

This recorder is used either to record conversation between a teacher and students or to transmit an audio text used widely to the students' sides.(LCD display, Edit function, Block repeat, Sentence Back, Endless Repeat, Breaking time, play & Stop, Speed control, Memory, Bookmarks)

|                        |                               |
|------------------------|-------------------------------|
| Power Source           | AC 27V, 50/60Hz               |
| Track System           | 2 Track 2 Channel             |
| IN PUT                 | Headset MIC : 600ohms -45dB   |
|                        | Program Line : 220Kohms -10dB |
| OUT PUT                | Headset : 150 ohms 5-15dB     |
|                        | Program Line : 150 ohms -10dB |
| Power Consumption      | 7W                            |
| Frequency Range        | 100-10,000Hz(program channel) |
| Signal to Noises Ratio | Better than 42 dB             |
| Tape Speed             | 4.76cm/sec(+/- 1.5%)          |
| Bias Frequency         | 60Khz                         |
| Dimensions             | 300(W)×172(D)×127(H)mm        |
| Weight                 | 2.4KG                         |



## CLIENT(Student) Software

It is a program installed into the student's PC that offers plenty useful functions for use during class work as well as during private study time by connecting to the programs of the teacher's PC. In addition, it gives an opportunity to have an efficient class with a conversation, call, conference and pairing through the student amplifier.

### Main Features

- To teach with MP3 files (Book mark, Sentence Repetition, Recording)
- To save teaching materials and various reference sources used in class work into a file
- Convenient testing (multiple choice form, short answer form)
- Self study taking advantage of various media contents
- Calling whenever necessary
- Easy to repeat a particular section (Infinitely, Sentence repetition)



## Student Amplifier (JBA-550)

It is placed on either side of the students and allows them to have a conversation and listen to each other. It also has the functions of selecting and calling a program or a correct answer. It can control the input and output of the sound cards of the students.(Call, volume control, Select of teacher materials/answer)

|                    |                                      |
|--------------------|--------------------------------------|
| IN PUT             | Headset MIC : 600 ohms(-45dB)(4.4v)  |
| Program : 270Kohms | Intercom : 270Kohms(-5dB)(0.435)     |
| OUT PUT            | Headset phone : 32ohms(-22dB)(109mv) |
|                    | Monitor Line: 1 Kohms(-15dB)(140mv)  |
| Dimensions         | 185(W)×80(D)×80(H)mm                 |
| Weight             | 300g                                 |



## Headset(JHS-3000)

It is suitable for a long time application and can maintain the quality of the original sounds by preventing noises.

|                    |  |
|--------------------|--|
| Headphone Section  | Type-Moving Coil                         |
|                    | Impedance -16ohms(+/-20%)                |
|                    | Output sound pressure level(-92dB)(1Khz) |
|                    | Normal input power-20mW                  |
| Microphone Section | Maximum input power-100mW                |
|                    | Plug Type-Telephone Plug                 |
|                    | Output impedance-600ohms(+/- 20%)        |
|                    | Sensitivity (-45dB)(4.4mV)               |
| Weight             | Frequency response 50-15,000Hz           |
|                    | Boom rotation range -122°                |



## Duplex Monitor Distributor(JVD-500)

It is possible to transmit visual materials freely to the screens of an individual student or a particular group or entire class by using video media tools. This distributor can control the monitoring of the students' screens.

|                   |                             |                                  |
|-------------------|-----------------------------|----------------------------------|
| Power Source      | AC 110/220V, 50/60HZ        |                                  |
| Power Consumption | 50W                         |                                  |
| INPUT             | video                       | 1 channel video (NTSC, PAL)      |
|                   | RGB                         | Analog 0.7V p-p/75 ohms Polarity |
|                   | Communication data          | RS232 3 P connector              |
| OUTPUT            | RGB                         | 8, 16, 24, 32, 40, 48 Ports      |
|                   | Band width of Image         | 65Mhz~ 130Mhz                    |
| Input Cable       | 4m VGA 2 EA, 4m data 1 EA   |                                  |
| Output Cable      | 100m(MAX) UL 1061 VGA cable |                                  |
| Dimensions        | 360(W)×320(D)×190(H)mm      |                                  |
| Weight            | 6.3 Kg                      |                                  |



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