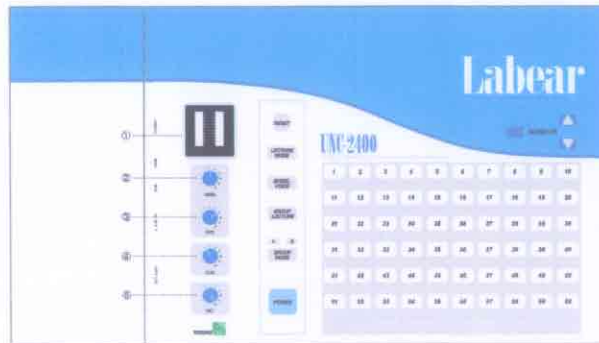


Main Control Console



- (1) Level meter : Display the level of Volume
 - (2) MAIN : Main Volume Control
 - (3) DVD : DVD Volume Control
 - (4) SUB : SUB Volume Control
 - (5) MIC : Instructor's MIC Volume Control
- ** Reference: Use only the picture in square spot line.

Terminal for External Audio Device



- (1) POWER : Connect the DC 5V 3A adapter
- (2) MAIN : Connect the Main source of Audio device
(ϕ 3.5 Stereo Phone Jack or RCA Jack)
- (3) SUB : Connect the Sub source of Audio device
(RCA Jack Only)
- (4) L DVD R : Connect the DVD or Projection TV device
- (5) EXT : DB9 Connector (Up-grade purpose only).



Labear

Main Console (UNC-2400)

Pack & Head set (HP-250)

Battery Charger (UNC-700/UNC-701)

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Exposure Statement:

The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Do not



Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

YUSUNG C&C's new LabEar is the first developed language lab system in the world that is operated on digital wireless technology.

Using the ISM band, it enables two-way wireless communications of 2.4 GHz anywhere in the world.

Labear

With the 'wireless interactive transmission/reception system', which does not require any work to set up the system, users can gain functionality which was not possible in Language lab facilities such as separating groups, three-party conference, and 1:3 model voice by wireless.

"Wireless" Because It's Wireless, the Interactive Transmission/ Reception System is More Convenient, and More Functional.

■ Features of LabEar

1. A language education system using the digital wireless environment for the first time.
2. A high quality product featuring the best performance including 2.4GHz of frequency hopping system.
3. Provides identical functions as the existing wired language lab including group separation class and 1:3 model voice.
4. Provides convenient and free class processing for both teachers and students by adapting light weighted wireless headset.
5. Teachers, having no difficulties in moving, has greater convenience in teaching the students.
6. Provides easy and convenient charging of student packs by using the tray type prompt charging device.
7. Connectible to all types of sound devices including audio, TV, computer, Walkman, and MP3.
8. Students can record the contents of the class by using the personal recorder.
9. Features superior visibility and easy control by adapting dual color LED.
10. No requirement of fixed space to study.



Installation guide

1. Main Console preparation

- 1) **Power plug** : Connect to plug outlet (90V~264V 50/60Hz).
- 2) **Antenna installation** : Make the antenna stand in vertical when using. Fold when storing.

3) Connection to external A/V device

- ① **Connecting cassette deck or computer** :
Connect the headphone jack terminal of cassette deck (or computer) to phone jack terminal of main console with ϕ 3.5 Stereo Phone Jack.
- ② **Connecting video** :
Connect the sound output terminal of the video (Stereo or Mono) to RCA terminal of main console with RCA Jack.
- ③ **Connecting DVD and Stereo audio device** :
Connect the sound output L, R(RCA terminal) – in the backside of DVD – to the DVD terminal of the main device with RCA Jack.
(*The terminal connected to the main broadcast can adapt a number of devices at the same time. However, doing so may result in cross-sounds. It is desirable to use the single sound source.)
- ④ **SUB RCA terminal** : Teachers can separate the students into 2 groups, A and B during classes. At this time, A group is given the sound of main broadcast, and B group is given SUB broadcast. (Provided that external device sound source is connected to SUB)

4) Operating

With the external A/V device ON, press the POWER switch for over 0.5 second to turn on the main console power and deliver the sound of external device.

1. Put on the headset and always control the microphone volume to the minimum level before turning the power on.
2. When the power is on, see if the power switch lamp is turned on and the reset button turns off after blinking to confirm the normal functioning of the device.
3. Adjust the volume of teacher's headset and microphone.
4. Adjust the external input device volume and external input volume of main console.

2. Preparation of teacher's pack and student's pack

- 1) Connect the headset connective terminal to the part indicated HEADSET.
- 2) Turn on the volume switch located in the side area of pack and adjust the volume properly.
- 3) After using, separate the headset connective terminal as it was before using and turn off the volume switch.
- 4) When it need to recharge, refer to the condition of LED display status of pack's battery.

Using pack and headset

■ Using the student's pack (HP-250S)

- ① Power ON/OFF and volume : Turns On/Off the power and controls the volume.
 - Pulling out the headset terminal will automatically power off pack.
 - Connection failure with the main control device will turn OFF for 5 seconds then retry turning ON.
- ② Student number : Displays each student number.
- ③ Call button : Pressing the button will flicker the corresponding number in the main control device and deliver the signal to the teacher's headset.
- ④ Battery displaying LED
 - Turning On the power will light the battery lamp for about 5 seconds and then display the battery status. While the power is connected, LED lamp keeps flickering and shows the connection status.
 - Pressing the call button for more than 2 seconds while using will display the battery charging status.
 - (a) When 2 lights are on in LED : Full Charge
 - (b) When 1 light is on in LED : Battery is a little left
 - (c) When 1 light is flickering in LED : Requiring charging



Regular usage

1. MAIN Broadcasting

When the installation is properly made by the normal procedure, the sound from external device is transmitted to students in wireless method.

2. Resetting

Main device and pack resetting in the event of failure

- ➔ Press one time to reset
- ➔ All selected functions are released

3. Lecturing

Use for teacher's lecture during class

- ➔ Press one time to start functioning (yellow), and press again to release
- ➔ Sound from external device and the teacher's voice are simultaneously transmitted to students
- ➔ Turning down external device volume will make the students only hear teacher's voice

4. Using Model Voice

A function that transmits the conversation with the students of teacher's choice to the rest of the students. (Up to 3 students can be chosen)

- ➔ ① Select  and then student number
- ➔ ② Press  again to release the function
- ➔ Transmits the conversation with the students of teacher's choice but does not allow other students to join the conversation.
- ➔ ① Selecting 4th students will automatically banish the 1st student
- ➔ ② Pressing  during 1:1 and 1:2 conversation will promptly convert to model voice function

5. Monitoring

Teachers can hear the lecture of students.

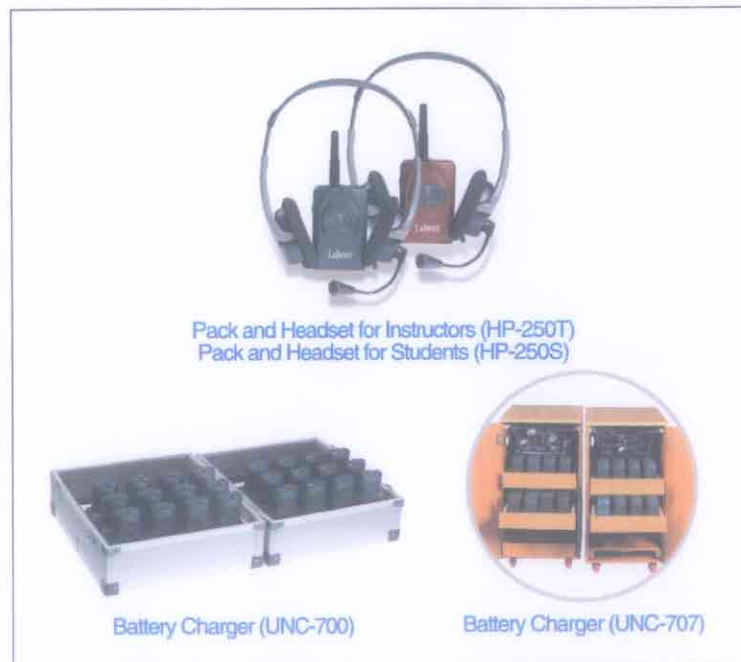
- ➔ Individual monitoring: Press the monitoring button and then select student number (converted to yellow)
- ➔ Automatic monitoring: Press the monitoring button and select student number to automatically move the monitoring object in 5 second period by the ▲(up) ▼(down) button.
- ➔ Press ▲ ▼ buttons again to stop at current number.

- ➔ Hearing the lecture of selected student or all students in sequential order.
- ➔ The lamps of powered off pack are blinking and the monitoring is automatically moved to the next number.

6. 1:1 and 3 party conversation

Provides individual conversation function with the students of teacher's choice.

- ➔ ① Teachers can choose up to 2 students to converse during class (converted to red).
- ② Press the student number again to release
- ➔ The selected student can have individual conversation with the teacher while the rest students hear the lecture
- ➔ Provides 1:1 and 1:2 conversation by student's call (flickering to red)



※ This image with the actual product is a different possibility.

Application usage (Giving lectures to separated groups)

※ LabEar (UNC-2400) features lecturing to two separated groups in wireless environment. Teachers can precede class while providing different sound sources to each group at the same time. Teachers can use the lecturing function, 1:1 conversation and monitoring function when giving lectures to two groups just as when giving a lecture to the entire class.

1) Group separation :

Students in A group and B group are separate by red and green each.

- ➔ Select **GROUP MODE** then it turn blink red and green color. (Ready-Mode)
- ➔ Press student number button (A group : Red, B group : Green)
- ➔ Press **GROUP MODE** again and turn yellow (student number lamp turn bright)
- ➔ Press **GROUP MODE** (color off) and automatically return to MAIN Broadcasting.

2) Group lecturing

For the two separated groups as above, teachers can select to give lectures to each group during class.

- ➔ Select **GROUP LECTURE** one time turn blinking yellow.
- ➔ Among **GROUP LECTURE** automatically **A** red lamp turn on : A group lecture mode.
- ➔ Press **GROUP LECTURE** again **B** green lamp turn on : B group lecture mode.
- ➔ Press **GROUP LECTURE** again to release.

3) 1:1 conversation during group lecture

Teachers can select students for 1:1 conversation regardless of the separated groups.

4) Monitoring during group lecture

Teachers can monitor students regardless of the separated groups.

- ➔ Same install above as Regular usage.

5) Model voice during group lecture

Teacher can use 1:1 Model voice function regardless of the separated groups.

- ➔ Same install above as Regular usage.

6) Preparation Group lecture

*Before group lecture, teacher press **GROUP** (green blinking) and teacher can listen SUB out-device sound without group separated.*

Battery Charger

Put the pack by the direction of the charging device for automatic charging.

- (a) Green light: Charging finished
- (b) Flickering: In Charging



- ① Charge sufficiently for over 4 hours.
- ② In initial battery charging, charge sufficiently for over 5 hours before using.
- ③ Batteries are consumption goods of which utilities are made to decrease by the cumulative consumption hours.
- ④ When the battery is significantly decreased, exchange the battery with a new one.

Accessories Supplied with LabEar

- 1. Main Control Consol(UNC-2400)
 - 1) Shoulder strap [1 EA]
 - 2) Audio cable
 - ϕ 3.5 Stereo Jack cable [1 EA]
 - ϕ 3.5 Stereo to RCA cable [1 EA]
 - RCA to RCA cable [1 EA]
 - 3) Power supply : DC 5V 3A adapter [1 EA]
 - 4) User's Manual [1 EA]
- 2. Pack and Headset for Instructor(HP-250T) [1 EA]
- 3. Pack and Headset for Student(HP-250S)
- 4. Battery charger
 - 1) Portable Type(UNC-700)
 - Packs can be charged at the same time. Headsets are stored in a separate case. Chargeable anytime, anywhere & Suitcase-type.
 - 2) Fixed type(UNC-707)
 - Convenient and stable charger for multiple packs. Smooth sliding drawertype charger. Easily movable with wheels in the bottom.
 - Main console, pack and headset are stored in a same case.

Safety related cautions

Please read carefully the below items in order to prevent any damages in user's safety and property.

- 1. Avoid using the damaged power code or plug, loosened outlet.
- 2. Do not dismantle, repair or remodel the product in user's discretion.
- 3. If the PIN and connective parts of the power plug are covered with dirt or water, remove with dry cloth before using.
- 4. Pulling out the code part or touching the power plug with wet hand may cause electric shock.
- 5. Inferior products may cause fire or accident. Use the designated adapter only at all times.
- 6. Do not spray water or use the benzene, thinner or alcohol when cleaning.
- 7. Avoid spilling water or liquid in main body, pack and charging device.
- 8. If any extraordinary sound, smell or smoke is detected from the main body, pack or charging device, pull out the power plug immediately.

Before suspecting product failure

This system is a language practice device that requires connection to the external sound source (sound device) to give sound.

1) I hear no sound.

- ① Check the power
- ② Check the functioning and volume of external device
- ③ Check the connection of connective jack

2) I hear noise.

- ① Check if the noise is from the external audio.
- ② Check if the student's pack is charged.
- ③ Request for A/S if the entire students' headsets are having noises.
- ④ Using the Inverter or wireless LAN device near the product may cause noise.

3) ON/OFF switch is not turned on.

- ① Check if the power code is connected.
- ② Check the adapter status.

4) No other functions except for main broadcasting are operated.

- ① Reset. (Press RESET key)
- ② Turn OFF the power and try ON again after a few seconds.

5) Charging does not work normally.

- ① Clean the connection part of the charging thoroughly with cotton swab or cloth.
- ② If cleaning does not solve the problem, request service center for battery exchange.