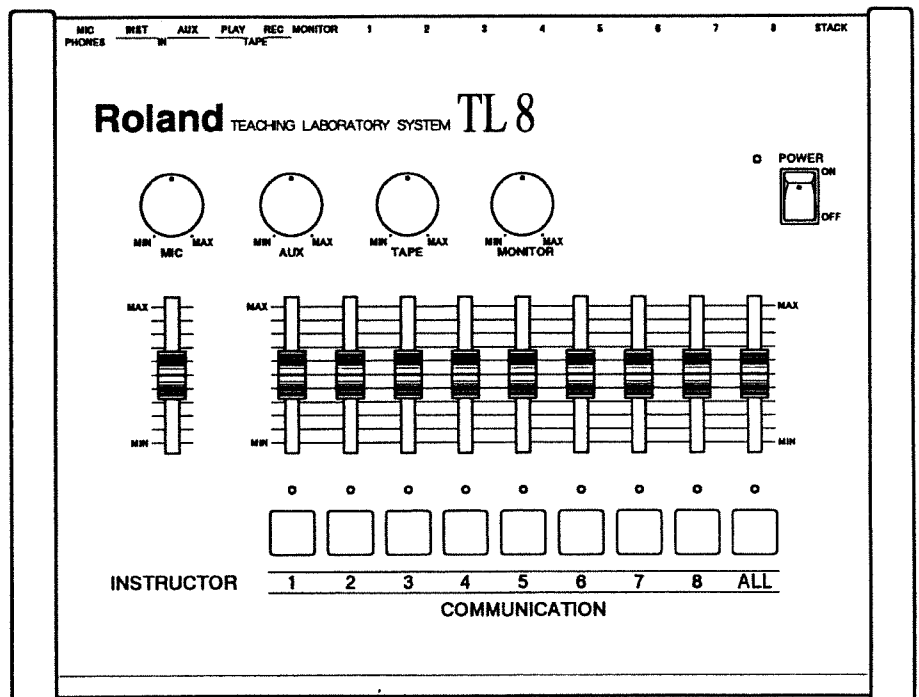


# Roland

## TEACHING LABORATORY SYSTEM

# TL8

## OWNER'S MANUAL



**Thank you for purchasing the Roland TL-8 Teaching Laboratory System.**  
**The TL-8 is an instrumental music education system which can be effectively used for group lessons using electronic pianos, electronic organs, synthesizers, etc.**  
**Unlike past teaching systems, it does not require any special installation. Only a simple setup is required.**  
**To take full advantage of the TL-8, please read this operation manual carefully.**

## FEATURES

- Up to 8 students can be instructed simultaneously using the TL-8 system. Sixteen students can be accommodated when using two TL-8s in combination.
- Simple operation facilitates group or private lessons.
- The TL-8 can easily be connected to external devices, such as tape decks, CD players or rhythm machines. This lets you create variety in your lessons by letting students listen to, play and record music.
- No special installation is required for the TL-8. It can easily be setup in several different ways (using connection boxes and cables), depending on the number of students or the size of the classroom.

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## ■ IMPORTANT NOTES

Be sure to use only the adaptor supplied with the unit. Use of any other power adaptor could result in damage, malfunction, or electric shock.

### [Power Supply]

- When making any connections with other devices, always turn off the power to all equipment first; this will help prevent damage or malfunction.
- Do not use this unit on the same power circuit with any device that will generate line noise, such as a motor or variable lighting system.
- The power supply required for this unit is shown on its nameplate. Ensure that the line voltage of your installation meets this requirement.
- Avoid damaging the power cord: do not step on it, place heavy objects on it etc.
- When disconnecting the AC adaptor from the outlet, grasp the plug itself; never pull on the cord.
- If the unit is to remain unused for a long period of time, unplug the power cord.

### [Placement]

- Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high vibration levels.
- Using the unit near power amplifiers (or other equipment containing large transformers) may induce hum.

### [Maintenance]

- For everyday cleaning wipe the unit with a soft, dry cloth (or one that has been slightly dampened with water). To remove stubborn dirt, use a mild neutral detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the risk of discoloration and/or deformation.

### [Additional Precautions]

- Protect the unit from strong impact.
- Do not allow objects or liquids of any kind to penetrate the unit. In the event of such an occurrence, discontinue use immediately. Contact qualified service personnel as soon as possible.
- A small amount of heat will radiate from the unit, and thus should be considered normal.
- Before using the unit in a foreign country, consult with qualified service personnel.
- Should a malfunction occur (or if you suspect there is a problem) discontinue use immediately. Contact qualified service personnel as soon as possible.
- To prevent the risk of electric shock, do not open the unit or its AC adaptor.

# PANEL DESCRIPTIONS

## FRONT PANEL

### AUX Level Knob

This knob controls the volume of the device connected to the AUX Jack ( e.g., MT-100).

### MIC Level Knob

This knob controls the volume of the teacher's head-set microphone ( e.g., RHS-300 ) connected to the MIC Jack.

### Instrument Level Slider

This slider controls the volume of the teacher's instrument ( electronic piano, etc. ) connected to the Instrument ( INST IN ) Jack.

### TAPE Level Knob

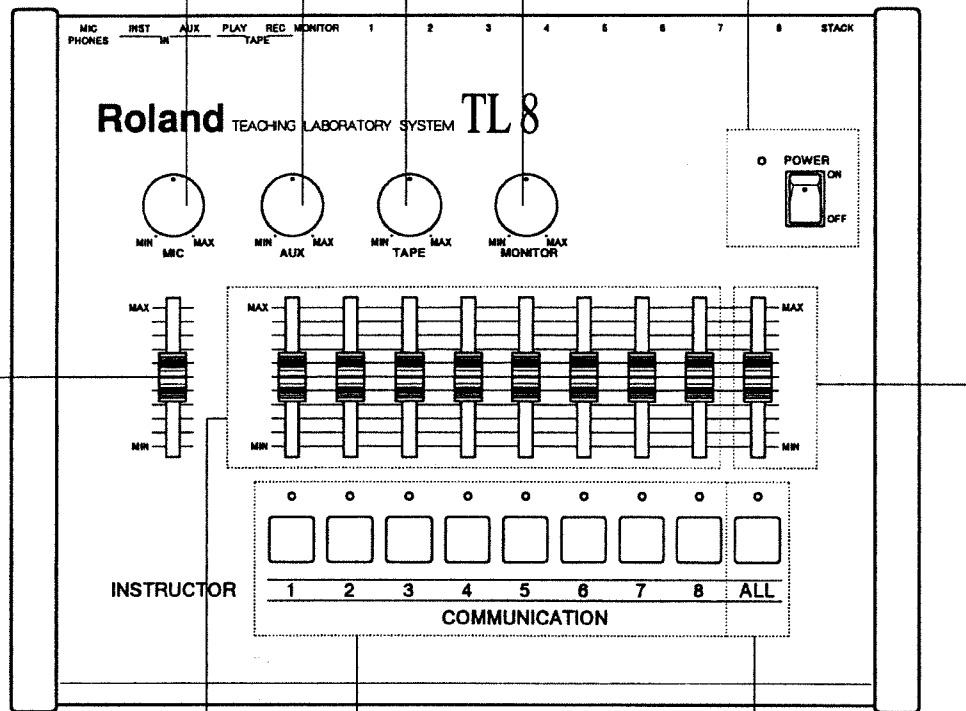
This knob adjusts the volume of the device connected to the TAPE PLAY Jack ( e.g., Tape deck).

### MONITOR Level Knob

This knob adjusts the volume of the speaker system ( amplifier + speaker or self-powered speaker ) connected to the MONITOR Jack.

### POWER Switch / Indicator

This switch turns the unit on and off. When it is switched on, the Indicator is lit.



### COMMUNICATION Level Sliders 1—8

These sliders provide individual volume control for each student's instrument.

### COMMUNICATION Buttons / Indicators 1—8

Pressing one or more of these buttons allows you to communicate with one or more students without disturbing the others. The corresponding Indicator(s) light when buttons are pressed.

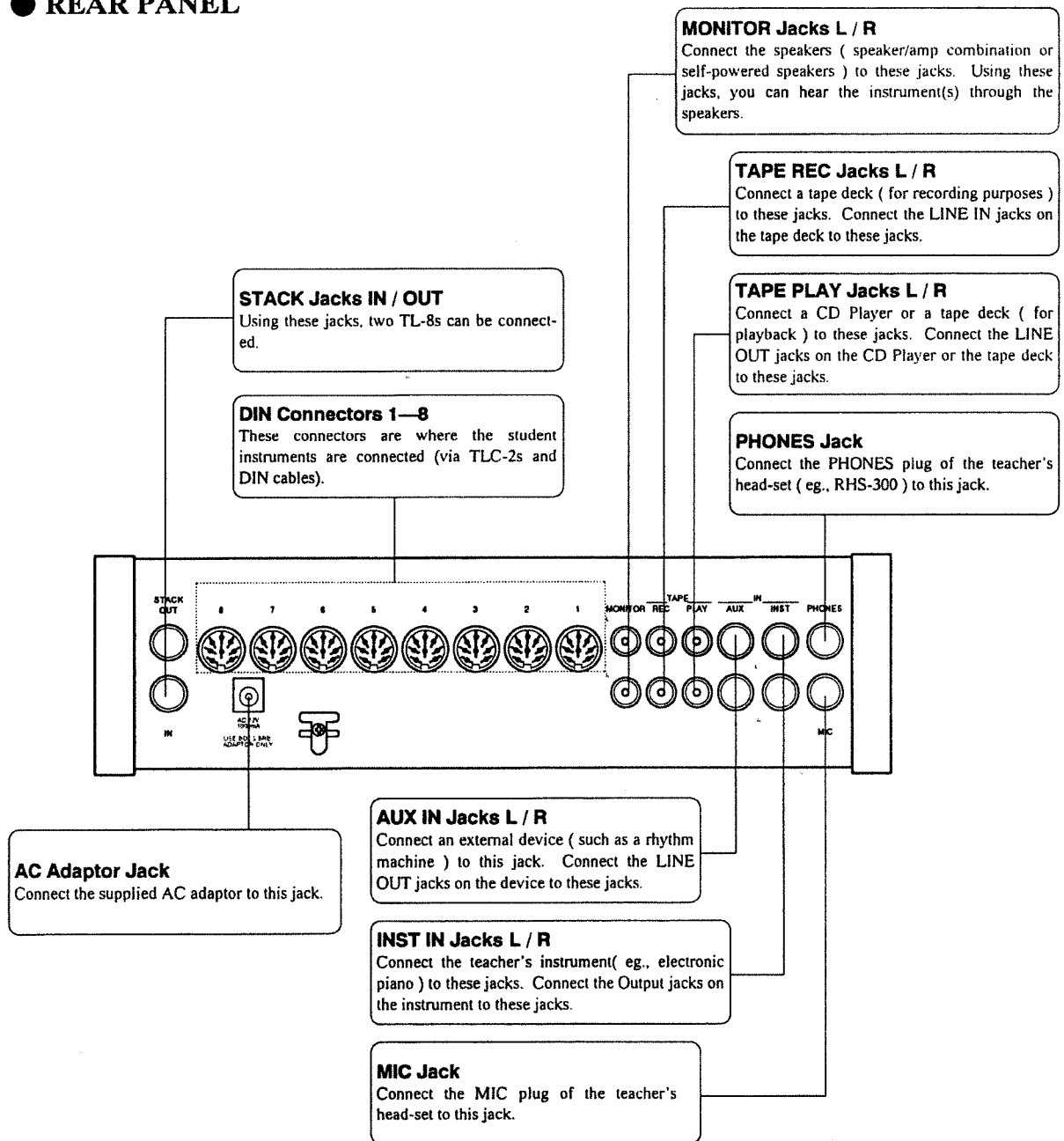
### ALL Button / Indicator

Pressing this button allows you to communicate with all the students simultaneously. When you press this button, the indicator lights.

### ALL Level Slider

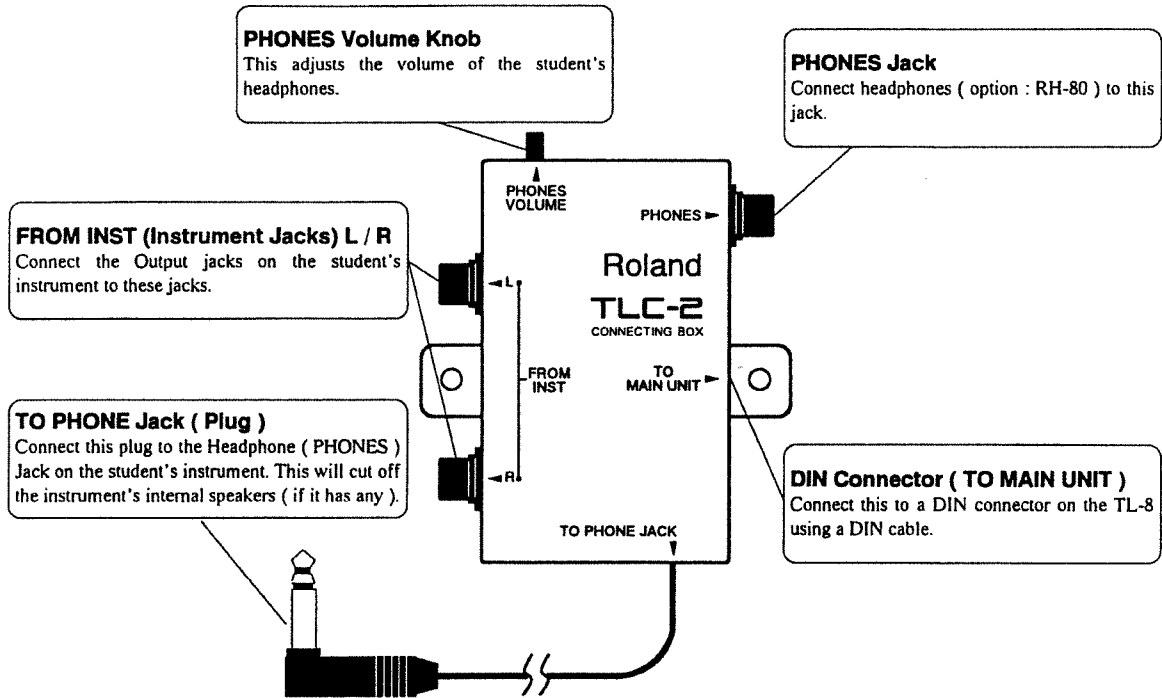
This slider adjusts the overall volume of the students' instruments when the ALL Button and COMMUNICATION Buttons are being used.

## ● REAR PANEL

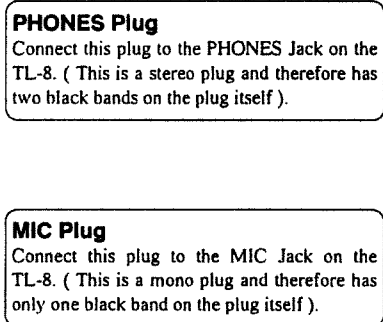


## PANEL DESCRIPTION ( Optional Devices )

### ● TLC-2



### ● Head Set (RHS - 300)



# PREPARATION

To use the TL-8 system, the following are required:

Example ) A teacher + 8 students

1. TL-8 .....	1
2. Keyboard ( electronic piano / electronic organ / synthesizer, etc. ) .....	9
3. Connecting Boxes ( TLC-2 ) .....	8
4. Head Set ( RHS-300 ) .....	1
5. Headphones ( e.g. RH-80 ) .....	8
6. DIN Cords .....	8
7. Standard Audio Cables .....	18

## 1. How to set up the TLC-2

Connect a TLC-2 to each student instrument as follows.

If possible, firmly attach each TLC-2 to a desk, table, bench, or to the instrument itself. This will help reduce the possibility of damage to the cables connected to the unit.

● **To use ep series pianos ( ep-3, ep-5, ep-7 ):**

Remove the two screws on the rear of the piano. Attach the TLC-2 using the same screws.

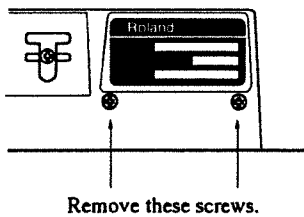
● **To use HP series pianos:**

Place the TLC-2 over the holes under the name plate on the piano, and attach it using the screws supplied with the TLC-2.

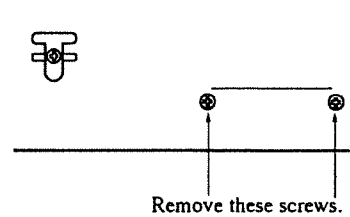
● **To use instruments other than those of the ep or HP series:**

Attach the TLC-2 where you like ( such as to a stand, table, desk, etc. ) using the supplied double-sided tape.

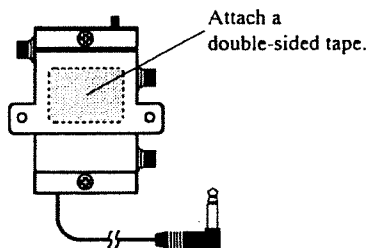
«ep-3, ep-5»



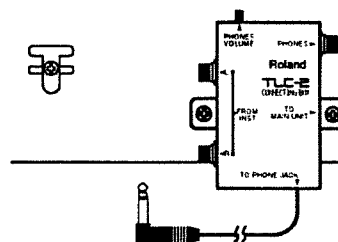
«ep-7»



«HP series»

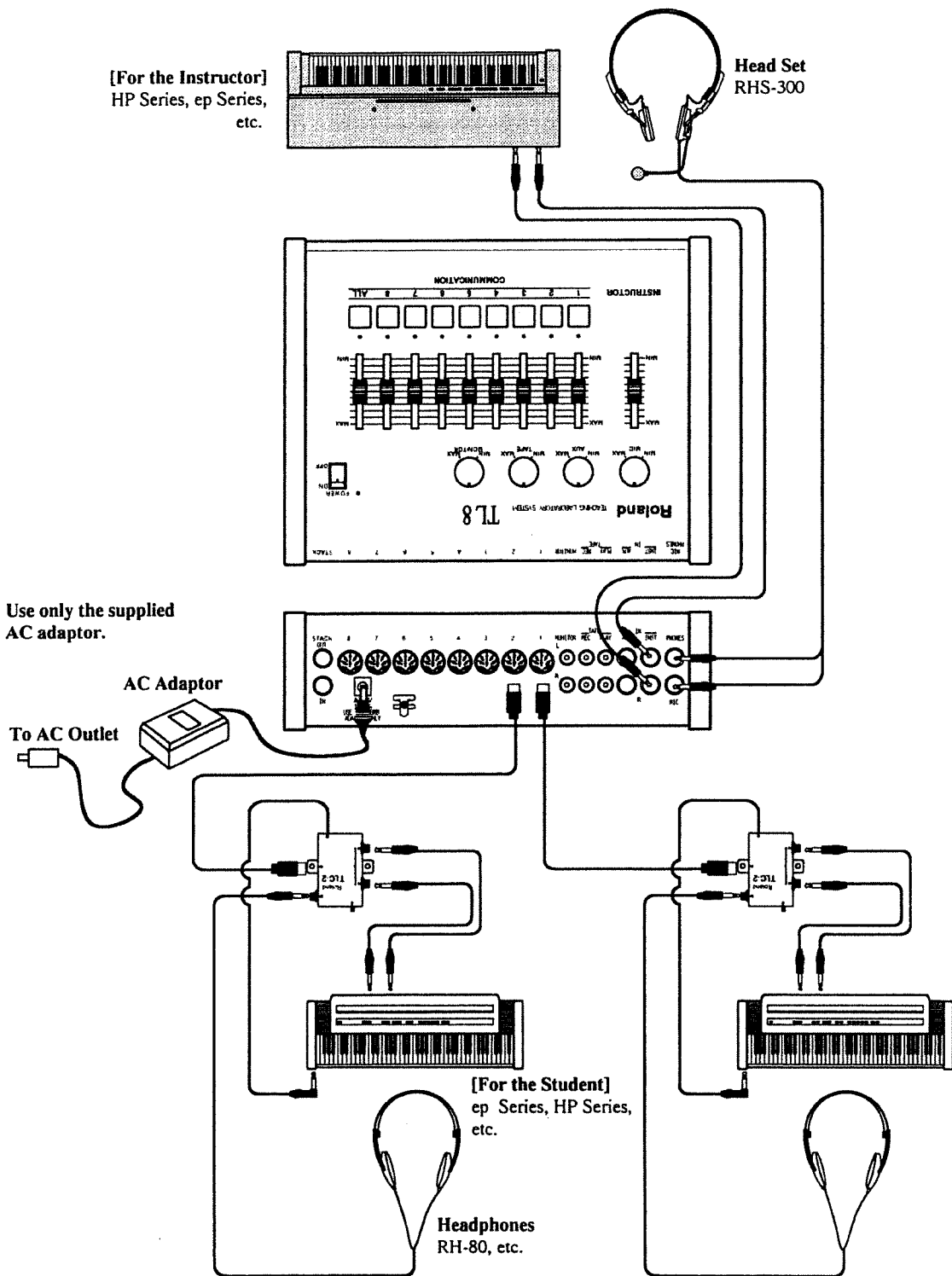


[Setting example] ep-7



If you use the double-sided tape to attach the TLC-2 vertically to a surface covered with vinyl, the unit may eventually fall off. If you must attach the TL-8 to a vinyl surface, ensure that the installation is horizontal ( i.e., sitting on top of something rather than stuck to the side ). If you attach the TLC-2 to a painted surface, the paint may peel off when you try to remove the tape.

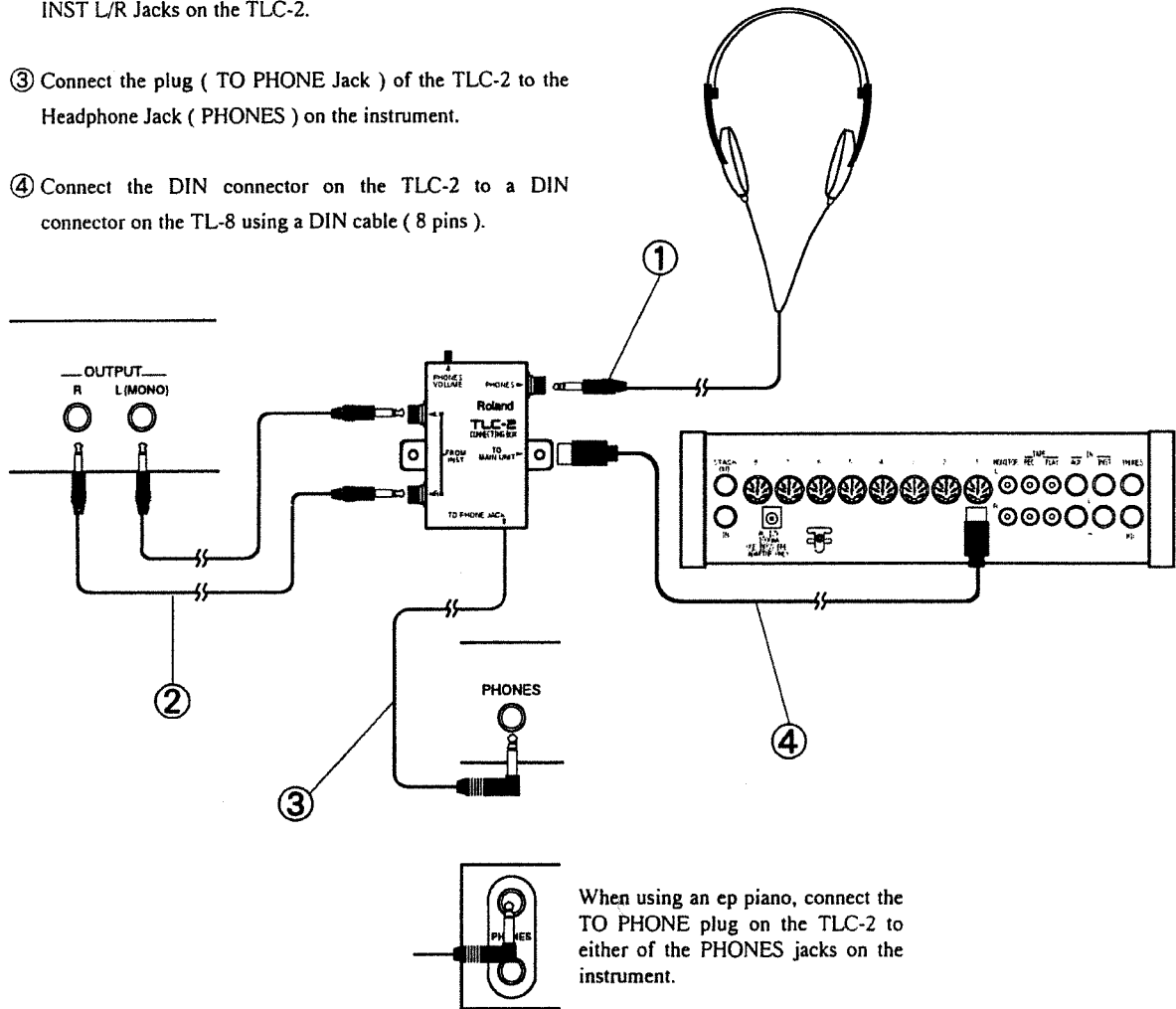
## 2. BASIC CONNECTIONS





## 2 — 1. Setup for the student's system

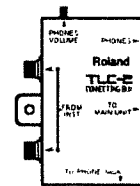
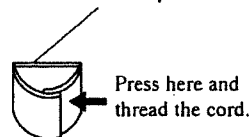
- ① Connect the headphones to the PHONE Jack on the TLC-2.
- ② Connect the Output Jacks on the instrument to the FROM INST L/R Jacks on the TLC-2.
- ③ Connect the plug ( TO PHONE Jack ) of the TLC-2 to the Headphone Jack ( PHONES ) on the instrument.
- ④ Connect the DIN connector on the TLC-2 to a DIN connector on the TL-8 using a DIN cable ( 8 pins ).



### ● Securing the DIN Cable

The DIN cable on the TLC-2 may be attached to a stand using the supplied cord clamp ( as shown at right ), to avoid accidental disconnection of the cord.

Double-sided Tape

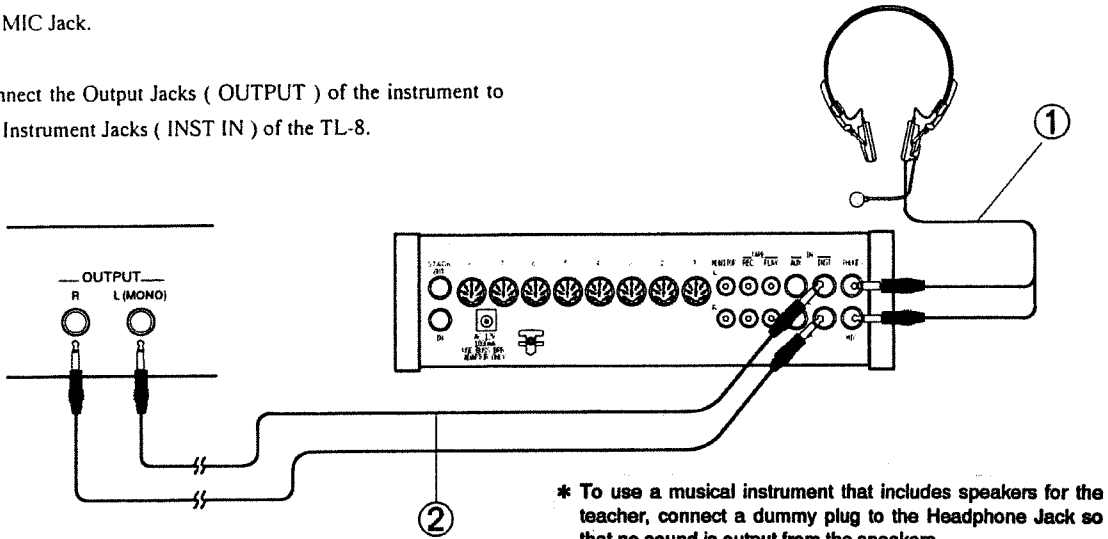


Secure this to a stand, etc.



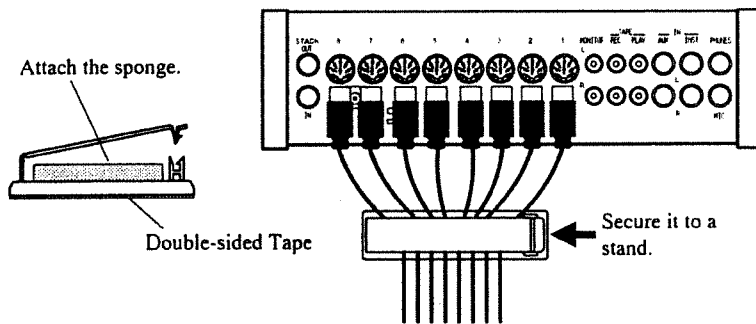
## 2 – 2. Setup for the teacher's system

- ① Connect the Head Set ( RHS-300 ) to the TL-8. Connect the PHONES Plug to the PHONES Jack and the MIC Plug to the MIC Jack.
- ② Connect the Output Jacks ( OUTPUT ) of the instrument to the Instrument Jacks ( INST IN ) of the TL-8.

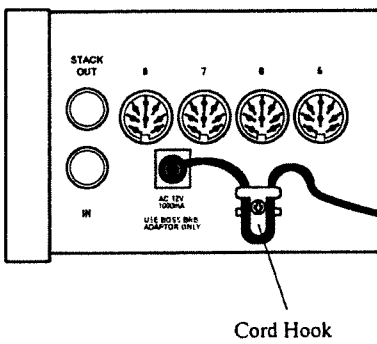


### ● Securing the DIN Cable

The DIN cable on the TL-8 may be attached to a stand using the supplied cord clamp, to avoid accidental disconnection of the cord.



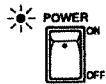
## 2 – 3. Connecting the AC Adaptor



When connecting the AC adaptor to the TL-8, loop the adaptor cable around the cord hook on the rear of the unit. This will prevent the power cord from accidentally being disconnected.

### 3. VOLUME CONTROL

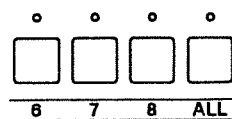
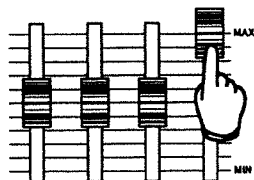
- ① Switch on the TL-8. ( The indicator will light. )



- ② Switch on each student instrument. Set the volume control ( VOLUME ) of each instrument to just below ( by about 20 percent ) the MAX position.

- ③ Switch on the teacher's instrument. Set the volume control ( VOLUME ) of the instrument to just below MAX.

- ④ Set the ALL Level Slider on the TL-8 to the MAX position.



ATION

**[What the Instructor should do]**

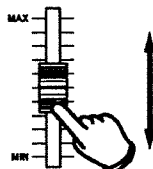
- ⑤ Adjust the microphone volume of the head-set using the MIC Level Knob.

\* Be sure to position the microphone directly in front of your mouth.

- ⑥ Adjust the volume of the teacher's instrument with the Instrument Level Slider.

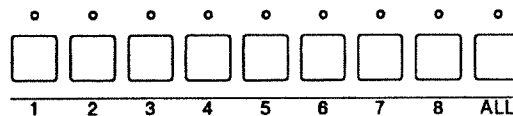


Volume control of the microphone.



Volume Control of the instrument.

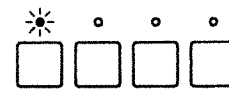
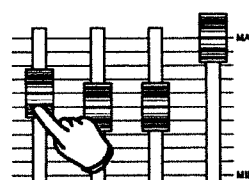
- ⑦ Press any one of the COMMUNICATION Buttons that corresponds to a student's instrument connected to the TL-8.



COMMUNICATION



- ⑧ Adjust the volume of the student's instrument ( heard through the teacher's head-set ) using the corresponding COMMUNICATION Level Slider.



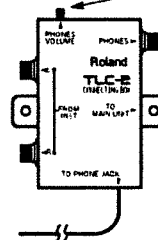
ATION

- ⑨ Repeat steps 7 and 8 for each student instrument connected to the TL-8.

**[What each Student should do]**

- ⑩ Adjust the volume of the instrument ( obtained through the headphones ) using the PHONES Level Knob on the TLC-2.

Rotate this knob.



# TEACHING METHODS

## Teaching Variations

The TL-8 allows you to teach your students in three different ways.

- **Private Lessons** ( studying without a teacher, monitoring, individual teaching )
- **Group Lessons** ( teaching a part of the class while the other students study by themselves )
- **General Lessons** ( teaching the whole class / teacher's demonstrations and performances )

### ■ Why Group Lessons ?

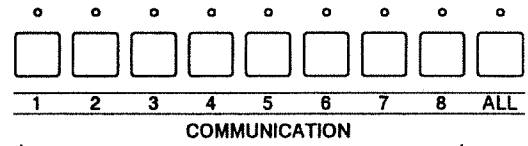
Group lessons are considered to be effective for the following reasons:

- Each student can cultivate his or her own ability.
- Students can stimulate each other in a group situation.
- Students will acquire a cooperative spirit and develop a sense of personal responsibility.
- By listening to performances of class-mates, students will learn to appreciate the ability of others. It will also help each student identify strengths and weaknesses in his or her own performances.
- Group critique of a performance can help a student identify personal strengths and weaknesses.
- Performing for others helps develop concentration and performance skills.
- Social and interpersonal skills are developed/enhanced by the group experience.

\* Group lessons can include ensembles, solo performances, music theory, analysis, ear training, musical notation, reading music, arranging, composition, etc. That is, it is totally different from simply "*learning to play music well*", which is often the goal of private lessons.

# 1. Private Lessons

Press one of the eight **COMMUNICATION** Buttons ( the indicator will light ). You and the selected student will be able to hear each other's instrument. You can also speak to the student through the head-set microphone.

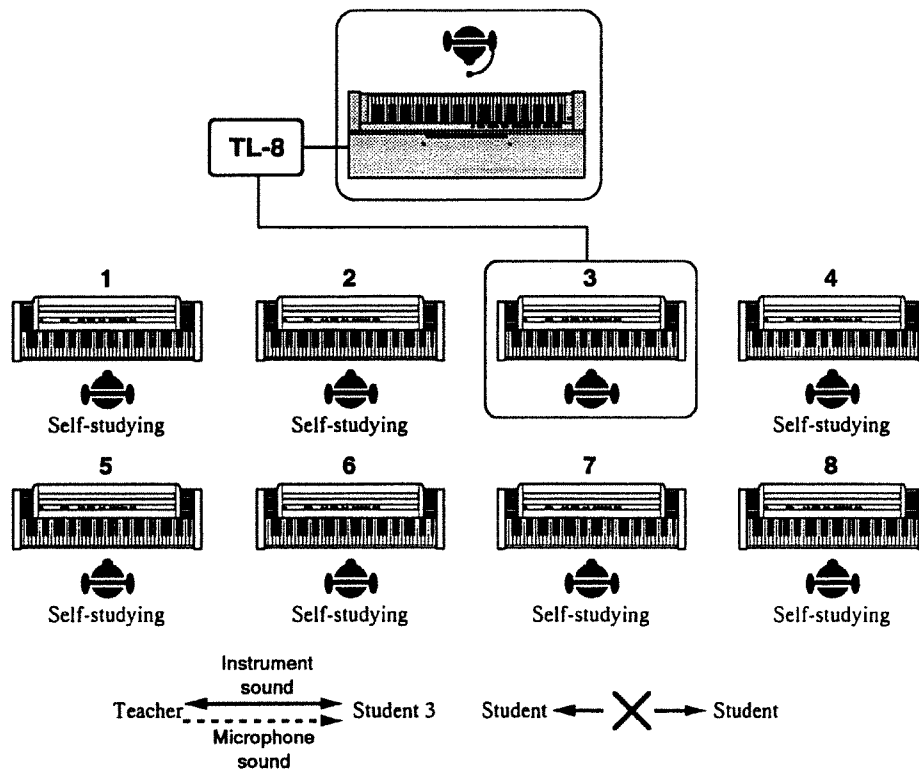


★ All the other students will be studying by themselves at this time.



Press one of the buttons.

[Example] When **COMMUNICATION** Button 3 is turned on:

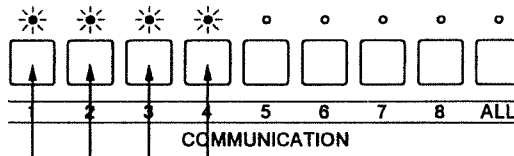


## Teaching Examples

- As each student studies alone, monitor ( \* ) individual progress using **COMMUNICATION** Buttons 1—8.  
 ( \* ) "Monitor" means that a teacher does not play his or her instrument, or speak to a student through the microphone, but simply listens to the student's performance.
- Select one student and provide individual instruction by demonstration and verbal communication.

## 2. Group Lessons

You can turn on more than one COMMUNICATION Button at the same time. The selected students will be in one group and will be able to hear each other's instruments. You can then speak to them through the microphone or demonstrate using your keyboard.

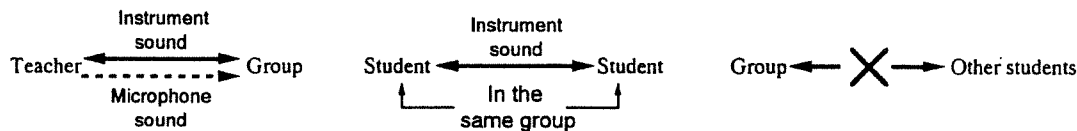
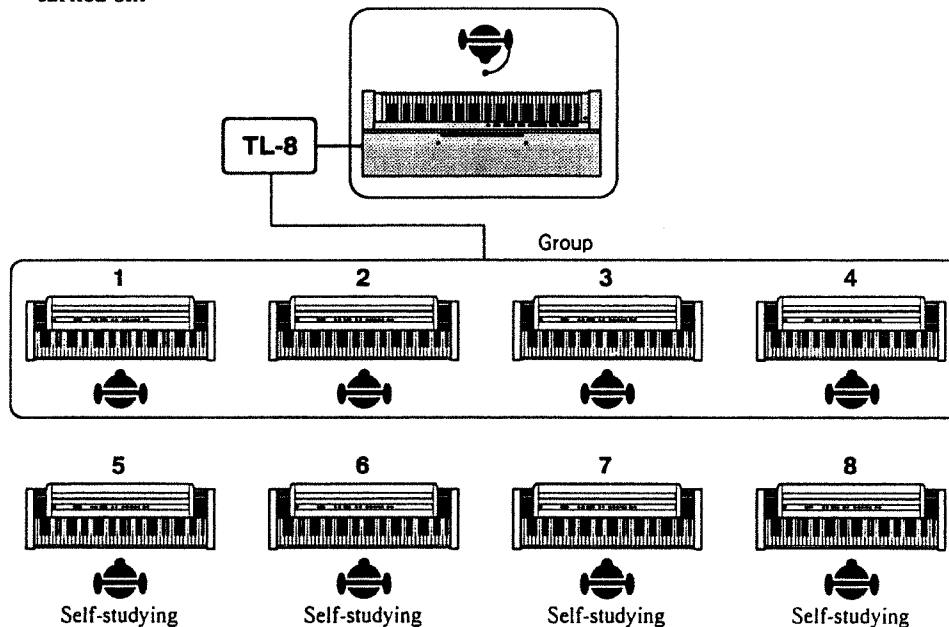


\* The other students ( whose COMMUNICATION Buttons are turned off ) will be studying by themselves.



Turn on the buttons which correspond to the students to be in the group.

[Example] When COMMUNICATION Buttons 1—4 are turned on:



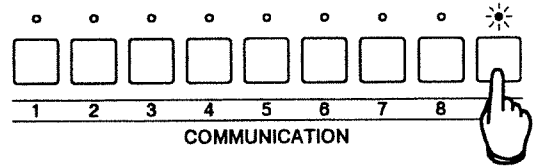
### Teaching Examples

- Select two students. Have one play the melody part and the other the chord part. Provide instruction as required.
- Have the group play in concert.
- Select one student in the group and let the other students listen to his or her performance ( model performance ).

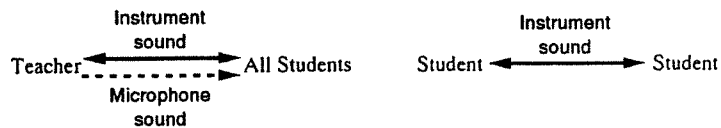
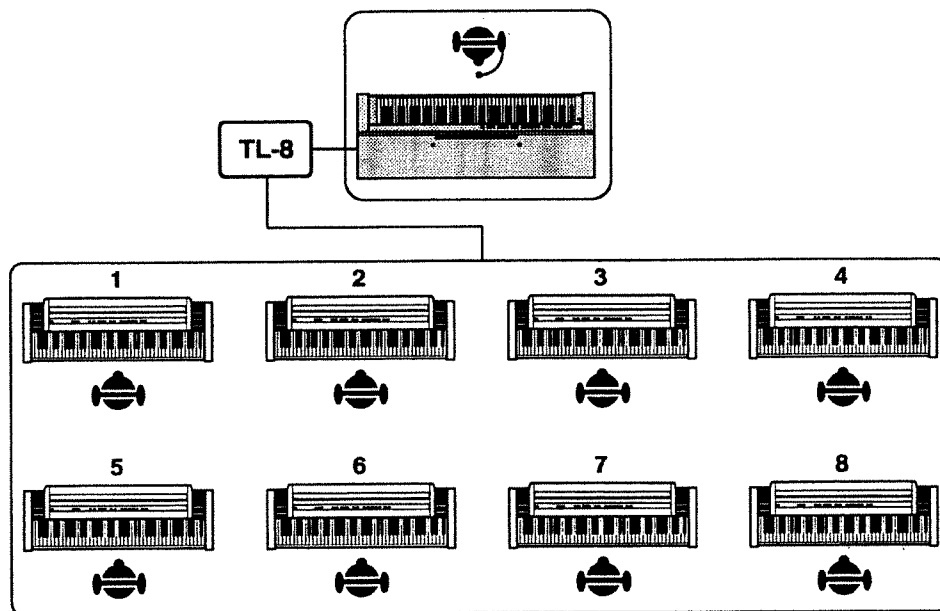
### 3. General Lessons

Press the ALL Button ( the indicator lights up ), and all the students can hear each other's instrument sounds.

The teacher can let all the students listen to his demonstration performance or talk to them through the microphone.



★ The ALL Button has the first priority, and therefore works even when the COMMUNICATION Buttons have already been turned on.



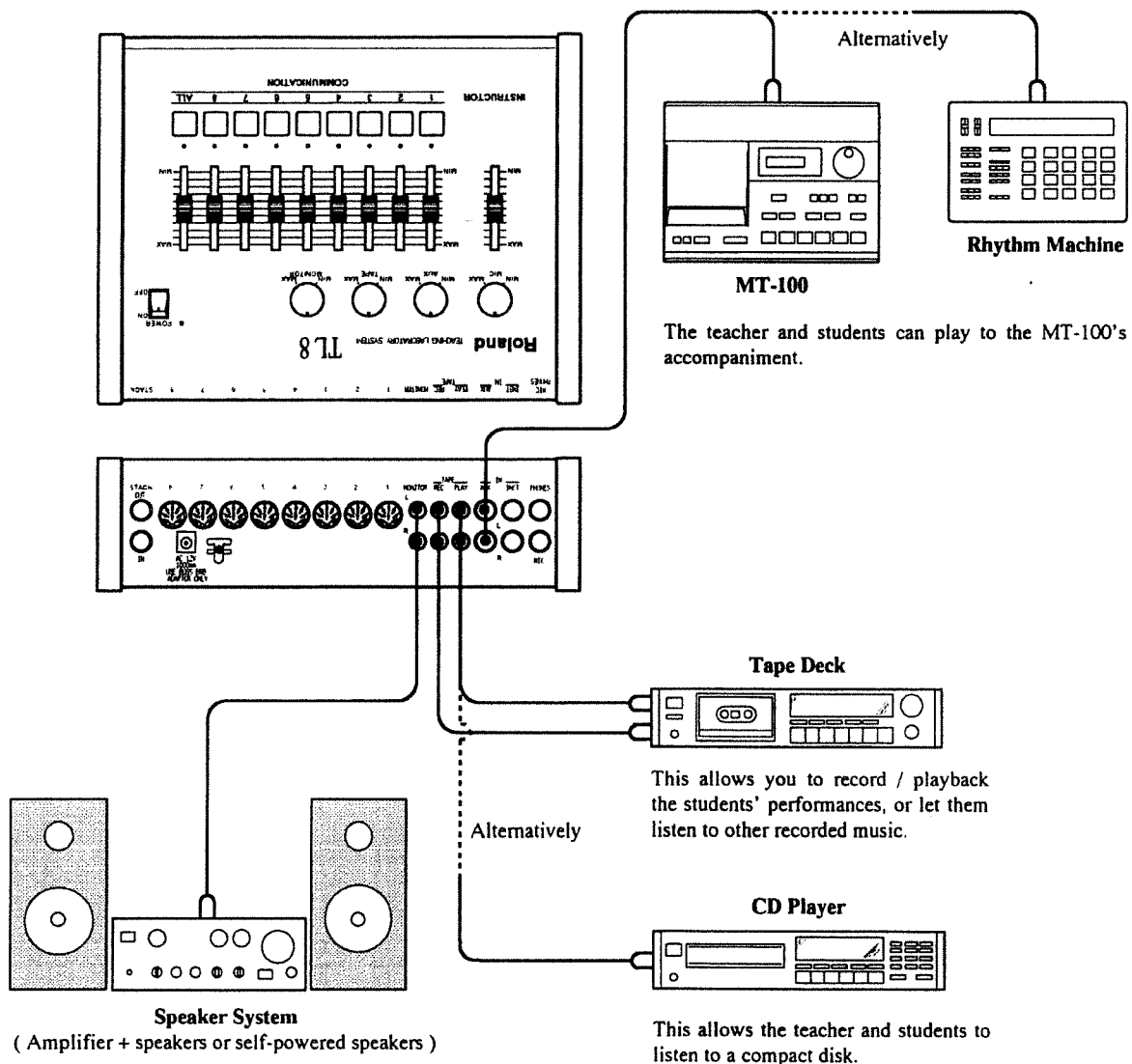
#### Teaching Examples

- Make all the students play together with the signal given by the teacher.
- Have the model performance of a certain student listened to by another student.
- Have all the students listen to the teacher's demonstration performance.

# Connecting External Devices

By connecting external devices ( such as a tape deck or CD player ) to the TL-8, you can make your lessons even more interesting.

★ The signal from the device connected to the AUX/TAPE PLAY Jacks will always be sent to the teacher and all the students, no matter how you operate the panel buttons.



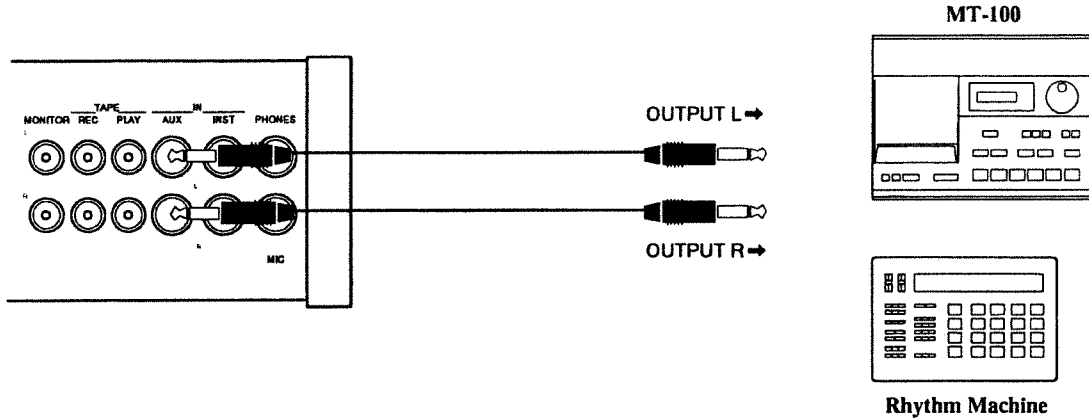
The teacher and students can hear all keyboard performances or verbal instructions ( via the microphone ) through the speakers as well as through the headphones.



# 1. Connection to the AUX Jacks

Connect the output jacks of an MT-100, an electronic metronome, a rhythm machine, etc. to these input jacks.

( We recommend you connect an accompaniment device to encourage practice.)



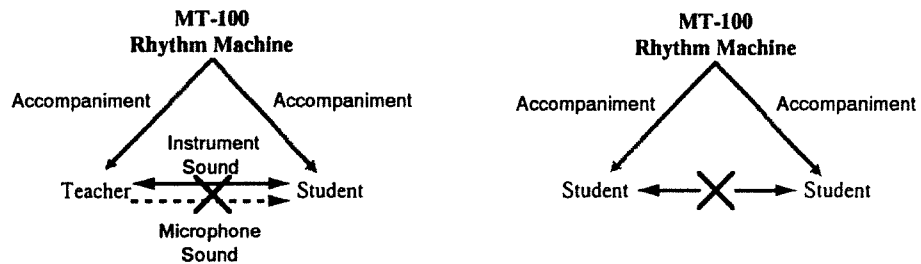
### [Volume Control]

Adjust the volume with the AUX Level Knob or the volume control on the external device.



### Examples

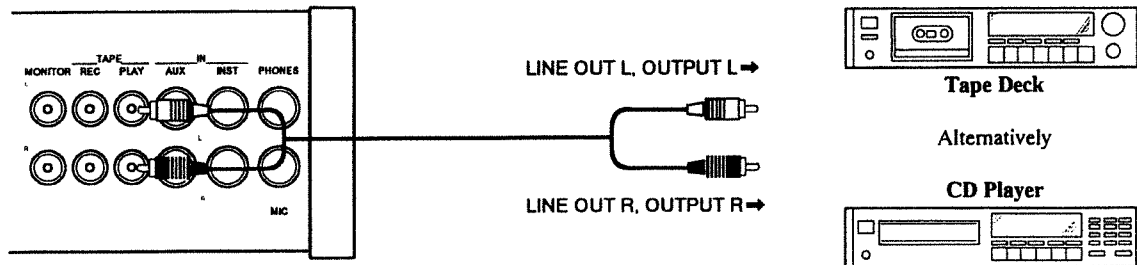
- When students study by themselves, they can practice playing to the accompaniment of the MT-100 or rhythm machine. ( Students can practice with accompaniment without being interrupted by other students. )



- When you teach students in a Group or General Lesson, they can play in concert to the accompaniment of the MT-100 or rhythm machine.

## 2. Connection to the TAPE PLAY Jacks

Connect the Line Out jacks of a tape deck or a CD player to these jacks.



### [Volume Control]

Adjust the volume using the TAPE Level Knob or the volume control on the external device.

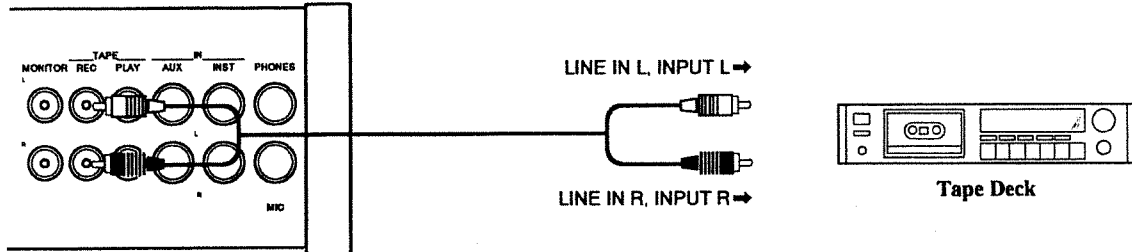


### Examples

- You can playback a student's performance recorded on a tape to let the student(s) hear it.
- You can let the students listen to a prerecorded tape or compact disk.

### 3. Connection to the TAPE REC Jacks

You can connect a recording device ( tape deck, etc ) to the TL-8 to record student performances.  
 Connect the TAPE REC Jacks on the TL-8 to the input jacks ( LINE IN, INPUT, etc. ) on the recording device.



**[Recording Level Control]**

Adjust the volume using the recording level control knob ( REC LEVEL, etc ) on the recording device connected to the TL-8.

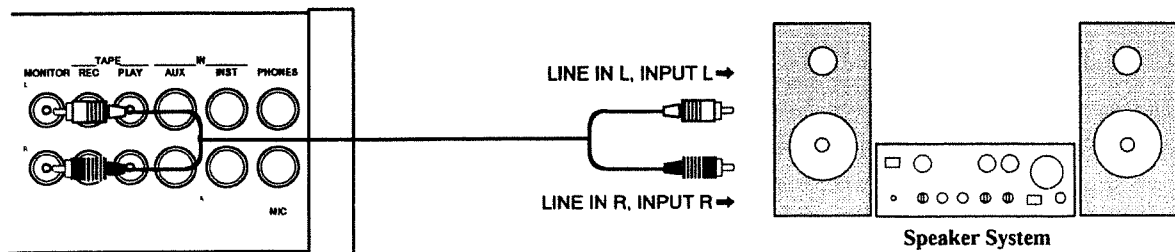
**NOTES**

When the TAPE PLAY and TAPE REC Jacks on the TL-8 are connected to one tape deck, set the TAPE Level Knob on the TL-8 to the MIN position before you start recording. If the TAPE Level Knob is not set to MIN, abnormal sounds may be produced.

### 4. Connection to the MONITOR Jacks

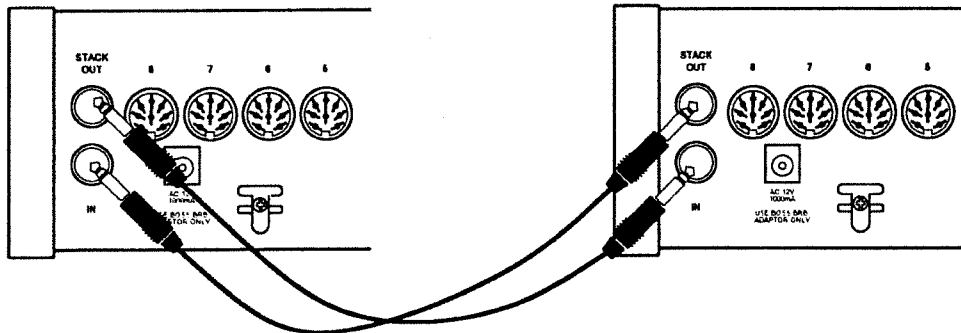
You can connect speakers ( amplifiers + speakers or self-powered speakers ) to the TL-8. By doing so, the teacher and students will be able to hear everything connected into the TL-8 system.

Connect the MONITOR Jacks to the input jacks ( LINE IN, INPUT etc. ) on the amplifier.



## 5. Stacking (Connecting) two TL-8s

You can connect two TL-8s using the STACK Jacks on the rear panels. Doing so will allow the system to accommodate up to 16 students. With the supplied stacking cables, connect the STACK OUT jack on the first unit to the STACK IN jack on the second. Then connect the STACK OUT jack on the second unit to the STACK IN jack on the first.



When you connect two TL-8s, you can teach Private or Group lessons by using the COMMUNICATION Buttons on the unit to which the students are connected.

### NOTES

- The ALL Button is effective only on the relevant unit. That is, for General lessons, switch on both ALL Buttons.
- The sound of any external device connected to a TL-8 is not output through the STACK OUT Jacks. Therefore the sound cannot be heard on a connected TL-8.

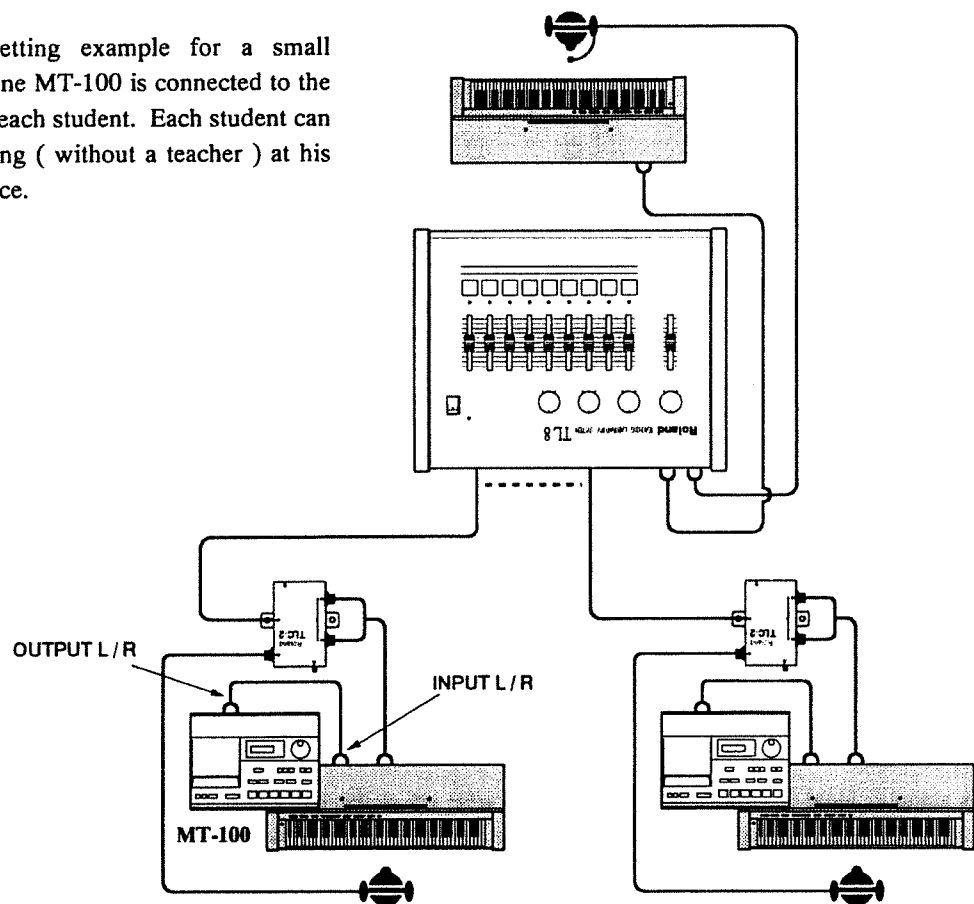
# Lessons using "ISM" (Examples)

## ● What is "ISM" ( Intelligent System of Music ) ?

"ISM" is a unique system developed by Roland to make the best use of electronic musical instruments. By using Roland digital instruments and special hardware and software, the ISM system allows everyone to enjoy creating music.

## 1. Private Lessons

This is a setting example for a small classroom. One MT-100 is connected to the HP piano for each student. Each student can practice playing ( without a teacher ) at his or her own pace.

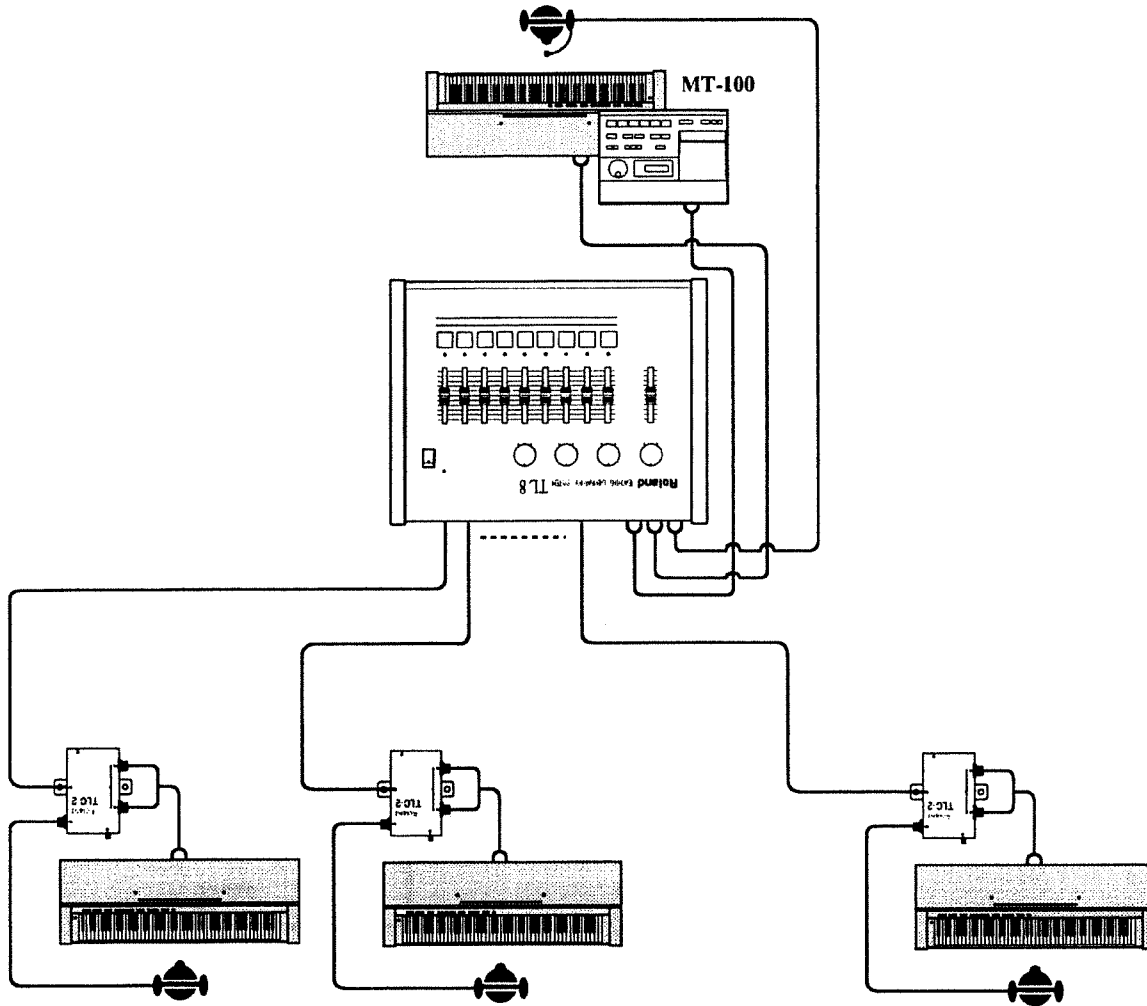


### Teaching Example

Let each student practice at his or her own tempo. You can then monitor their progress using the COMMUNICATION Buttons. Provide personal instruction as required.

This setup can be used for teaching a different song to each student.

## 2. General Lessons



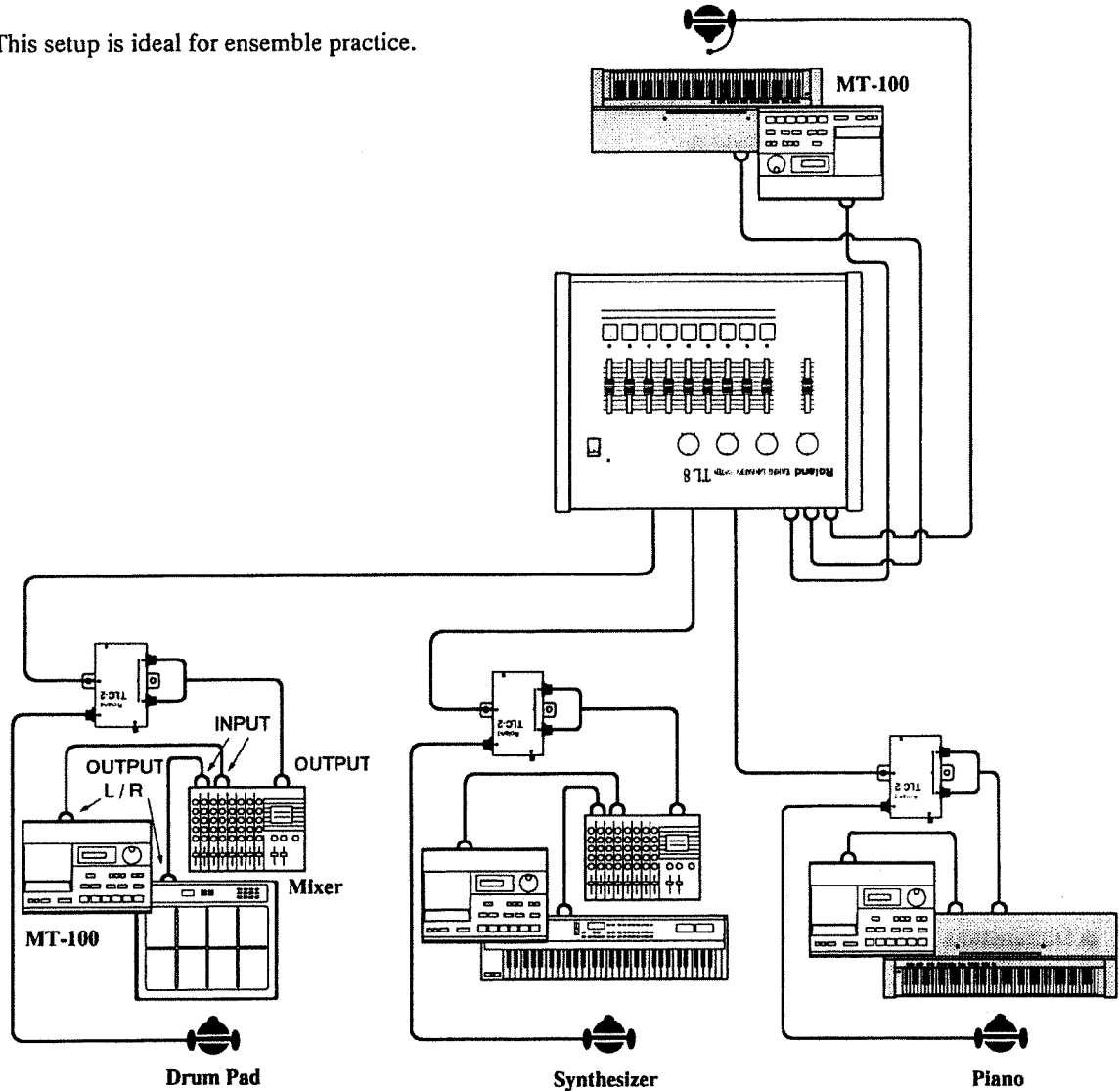
This setup is ideal for teaching many students who are at the same general level. When you have 7 or 8 students, General lessons may be easier and more suitable than Private lessons.

### Teaching Example

You can have all the students practice the same music ( right hand / left hand part practice, etc. ) to the rhythm and accompaniment of the MT-100.

### 3. Ensemble Lessons

This setup is ideal for ensemble practice.



#### Teaching Example

You can have your students play one song in different parts. Each student practices playing in his or her own tempo to the accompaniment of the MT-100.

- |           |                                |                  |
|-----------|--------------------------------|------------------|
| Student 1 | Practices Melody ( Piano )     | → Private Lesson |
| Student 2 | Practices Bass ( Synthesizer ) | → Private Lesson |
| Student 3 | Practices Rhythm ( Drum Pad )  | → Private Lesson |

When the students have reached equal ( or near equal ) performance levels, start ensemble practice. Have the ensemble play to the accompaniment of the teacher's MT-100.

# SPECIFICATIONS

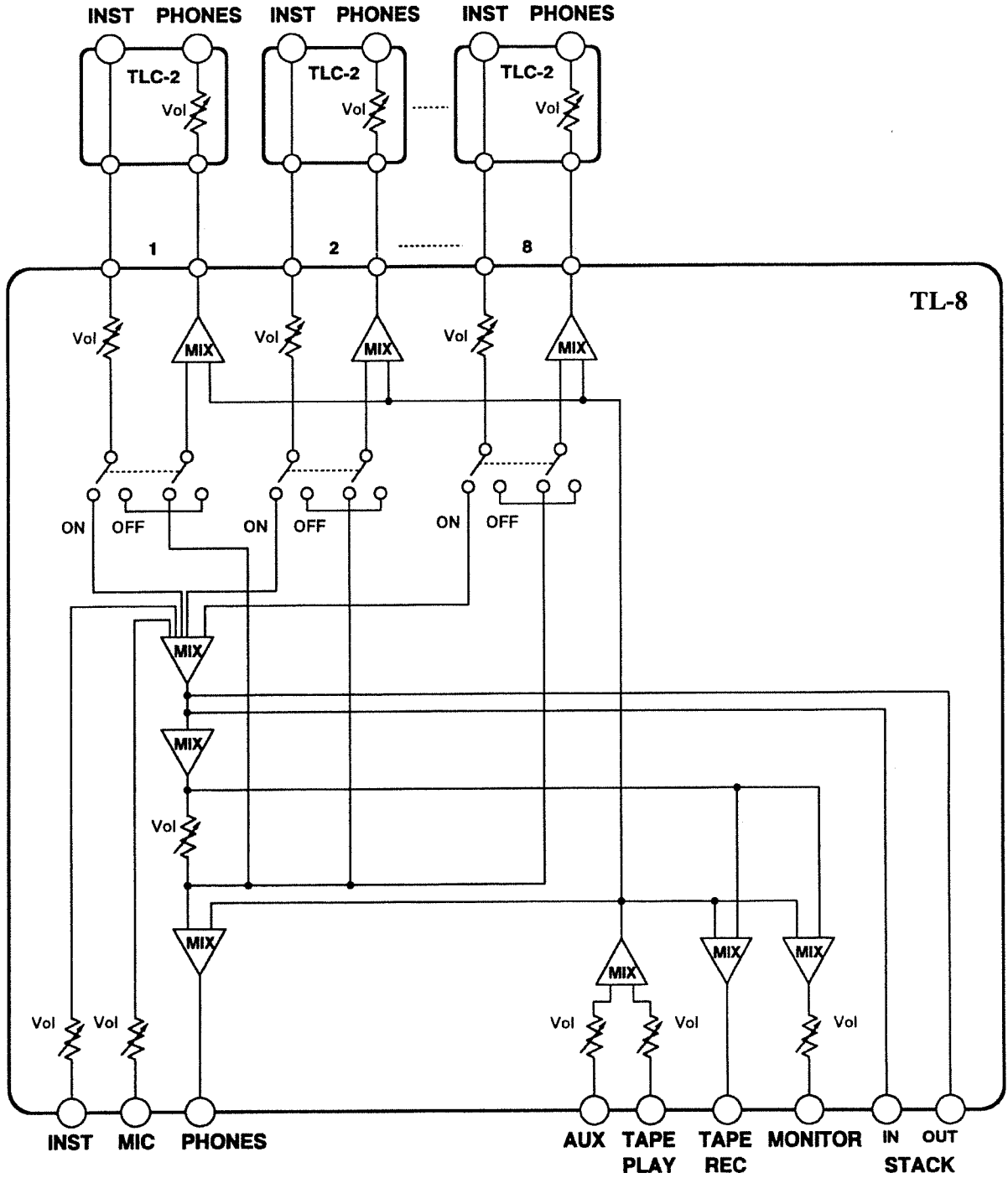
## TL-8 : Teaching Laboratory System

- **Controls**
  - Communication Buttons/Indicators × 8
  - Communication Level Sliders × 8
  - All Button/Indicator
  - All Level Slider
  - Instrument Level Slider
  - MIC Level Knob
  - AUX Level Knob
  - TAPE Level Knob
  - Monitor Level Knob
  - Power Switch/Indicator
  
- **Connectors**
  - DIN Connectors (lock type) × 8
  - Stack Jack IN/OUT (1/4 inch stereo phone jack) × 2
  - Phones Jack (for Instructor : 1/4 inch stereo phone jack)
  - MIC Jack (for Instructor : 1/4 inch phone jack)
  - Instrument Jack L/R (for Instructor : 1/4 inch phone jack)
  - AUX Jack L/R (1/4 inch phone jack) × 2
  - TAPE PLAY Jack L/R (RCA phono jack) × 2
  - TAPE REC Jack L/R (RCA phono jack) × 2
  - Monitor Jack L/R (RCA phono jack) × 2
  
- **Power Supply**
  - AC12V : BOSS AC Adaptor BRB-120/-220/-240E/-240A
  
- **Current Draw**
  - 1000mA (BOSS AC Adaptor BRB-120/-220/-240E/-240A)
  
- **Dimensions**
  - 305 (W) × 246 (D) × 89 (H)mm
  - 12-1/16 (W) × 9-11/16 (D) × 3-9/16 (H) inches
  
- **Weight**
  - 2.9kg/6 lbs-7 oz
  
- **Accessories**
  - AC Adaptor : BOSS AC Adaptor BRB-120/-220/-240E/-240A
  - Stack Cord (1/4 inch stereo phone plug cord) × 1
  - Cord Clamp × 1
  
- **Options**
  - Connecting Box : TLC-2
  - Connection Cord (TL-8 ↔ TLC-2)DIN plug, lock type cord : TC-5 (5m)/TC-10 (10m)
  - Head Set : RHS-300
  - Headphones : RH-80

※ Specifications are subject to change without notice.



## ■ Signal Flow



**IMPORTANT:** THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE : NEUTRAL  
BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.  
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

## Information

● When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

### U. S. A.

Roland Corp US  
7200 Dominion Circle  
Los Angeles, CA. 90040 - 3647  
U. S. A.  
☎ (213)685 - 5141

### CANADA

Roland Canada Music Ltd.  
(Head Office)  
5480 Parkwood  
Richmond B. C., V6V 2M4  
CANADA  
☎ (604)270 - 6626

Roland Canada Music Ltd.  
9425 Transcanadienne  
Service Rd. N.,  
St Laurent, Quebec H4S 1V3  
CANADA  
☎ (514)335 - 2009

Roland Canada Music Ltd.  
346 Watline Avenue,  
Mississauga, Ontario L4Z 1X2  
CANADA  
☎ (416)890 - 6488

### AUSTRALIA

Roland Corporation  
(Australia) Pty. Ltd.  
(Head Office)  
38 Campbell Avenue  
Dee Why West. NSW 2099  
AUSTRALIA  
☎ (02)982 - 8266

Roland Corporation  
(Australia) Pty. Ltd.  
(Melbourne Office)  
50 Garden Street  
South Yarra, Victoria 3141  
AUSTRALIA  
☎ (03)241 - 1254

### NEW ZEALAND

Roland Corporation (NZ) Ltd.  
97 Mt. Eden Road, Mt. Eden,  
Auckland 3  
NEW ZEALAND  
☎ (09)3098 - 715

### UNITED KINGDOM

Roland(UK)Ltd.  
Rye Close  
Ancells Business Park  
Fleet  
Hampshire GU13 8UY  
UNITED KINGDOM  
☎ 0252 - 816181

### GERMANY

Roland Elektronische  
Musikinstrumente  
Handelsgesellschaft mbH.  
Oststrasse 96,  
2000 Norderstedt  
GERMANY  
☎ 040/52 60 090

### BELGIUM/HOLLAND/ LUXEMBOURG

Roland Benelux N. V.  
Houlstraat 1  
B - 2260 Oevel - Westerlo  
BELGIUM  
☎ (0032)14 - 575811

### DENMARK

Roland Scandinavia as  
Langebrogade 6  
Box 1937  
DK - 1023 Copenhagen K.  
DENMARK  
☎ 31 - 95 31 11

### SWEDEN

Roland Scandinavia as  
DanvikCenter 2B A, 2 tr.  
S - 131 30 Nacka,  
SWEDEN  
☎ 08 - 702 00 20

### NORWAY

Roland Scandinavia  
Ave. Norge  
Lilleakerveien 2  
Postboks 95 Lilleaker  
N - 0216 Oslo 2  
NORWAY  
☎ 02 - 73 00 74

### FINLAND

Fazer Musik Inc.  
Länsituulentie  
POB 169  
SF - 02101 Espoo  
FINLAND  
☎ 0 - 43 50 11

### ITALY

Roland Italy S. p. A.  
Viale delle Industrie 8  
20020 ARESE MILANO  
ITALY  
☎ 02 - 93581311

### SPAIN

Roland Electronics  
de España, S. A.  
Calle Bolivia 239  
08020 Barcelona  
SPAIN  
☎ 93 - 308 - 1000

### SWITZERLAND

Musitronic AG  
Gerberstrasse 5, CH - 4410  
Liestal  
SWITZERLAND  
☎ 061/921 16 15

### Roland CK (Switzerland) AG

Hauptstrasse 21/Postfach  
CH - 4456 Tenniken  
SWITZERLAND  
☎ 061/98 60 55  
Repair Service by Musitronic AG

### FRANCE

Musikengro  
102 Avenue Jean - Jaures  
69007 Lyon Cedex 07  
FRANCE  
☎ (7)858 - 54 60

### Musikengro

(Paris Office)  
Centre Region Parisienne  
41 rue Charles - Fourier,  
94400 Vitry s/Seine  
FRANCE  
☎ (1)4680 86 62

### AUSTRIA

E. Dematte & Co.  
Neu - Rum Siemens - Strasse 4  
A - 6021 Innsbruck Box 591  
AUSTRIA  
☎ (0512)63 451

### GREECE

V. Dimitriadis & Co. Ltd.  
2 Phidiou Str., GR 106 78  
Athens  
GREECE  
☎ 1 - 3620130

### PORTUGAL

Casa Caius Instrumentos  
Musicais Lda.  
Rua de Santa Catarina 131  
Porto  
PORTUGAL  
☎ 02 - 38 44 56

### HUNGARY

Intermusica Ltd.  
Warehouse Area 'DEPO'  
Budapest, P.O. Box 3,  
2045 Torokbalint  
HUNGARY  
☎ (1)1868905

### ISRAEL

D.J.A. International Ltd.  
25 Pinsker St.,  
Tel Aviv  
ISRAEL  
☎ 03 - 283015

### BRAZIL

FORESIGHT Corporation  
R. Alvarenga 591  
CEP - 05509 Sao Paulo  
BRAZIL  
FAX: (011)210 - 0286

### HONG KONG

Tom Lee Music Co., Ltd.  
Service Division  
22 - 32 Pun Shan Street,  
Tsuen Wan,  
New Territories,  
HONG KONG  
☎ 415 - 0911

### SINGAPORE

Swee Lee Company  
Bras Basah Complex #03 - 23  
Singapore 0178  
SINGAPORE  
☎ 3367886

### THAILAND

Theera Music Co., Ltd.  
330 Verg Nakorn Kasem, Soi 2  
Bangkok 10100,  
THAILAND  
☎ 2248821

### MALAYSIA

Syarikat Bentley  
No.142, Jalan Bukit Bintang  
55100 Kuala Lumpur  
MALAYSIA  
☎ 2421288

### INDONESIA

PT Galestra Inti  
Kompleks Perkantoran  
Duta - Merlin Blok C/59  
Jl. Gajah mada No.3 - 5  
Jakarta 10130  
INDONESIA  
☎ (021) 354604, 354606

### TURKEY

Barkat Sanayi ve Ticaret  
Siraselviter Cad. 86/6 Taksim  
Istanbul  
TURKEY  
☎ 149 93 24

### CYPRUS

Radex Sound Equipment Ltd.  
17 Panteli Katelari Str.  
P.O.Box 2046, Nicosia  
CYPRUS  
☎ 453426, 466423



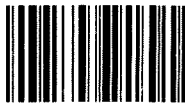
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