

ROLAND TEACHING LABORATORY SYSTEM



 Roland

ROLAND TEACHING LABORATORY SYSTEM TL-12

The Roland Teaching Laboratory System is a music education system, extremely effective in teaching groups how to play electronic pianos, electronic organs, and synthesizers. The system requires no special installation or other equipment, and can be connected easily to any keyboard instruments made by Roland.

The TL-12 has the following features.

Each system can accommodate up to 12 students. Twelve instruments can be connected to a TL-12 in a group teaching situation. Additional main units can be connected to teach up to 48 students at one time.

Teaching smaller groups

The functions of each main unit can be divided into three sub-functions for teaching three different groups at one time. The unit can also be used to provide private lessons for a single student.

Connectable to other audio equipment

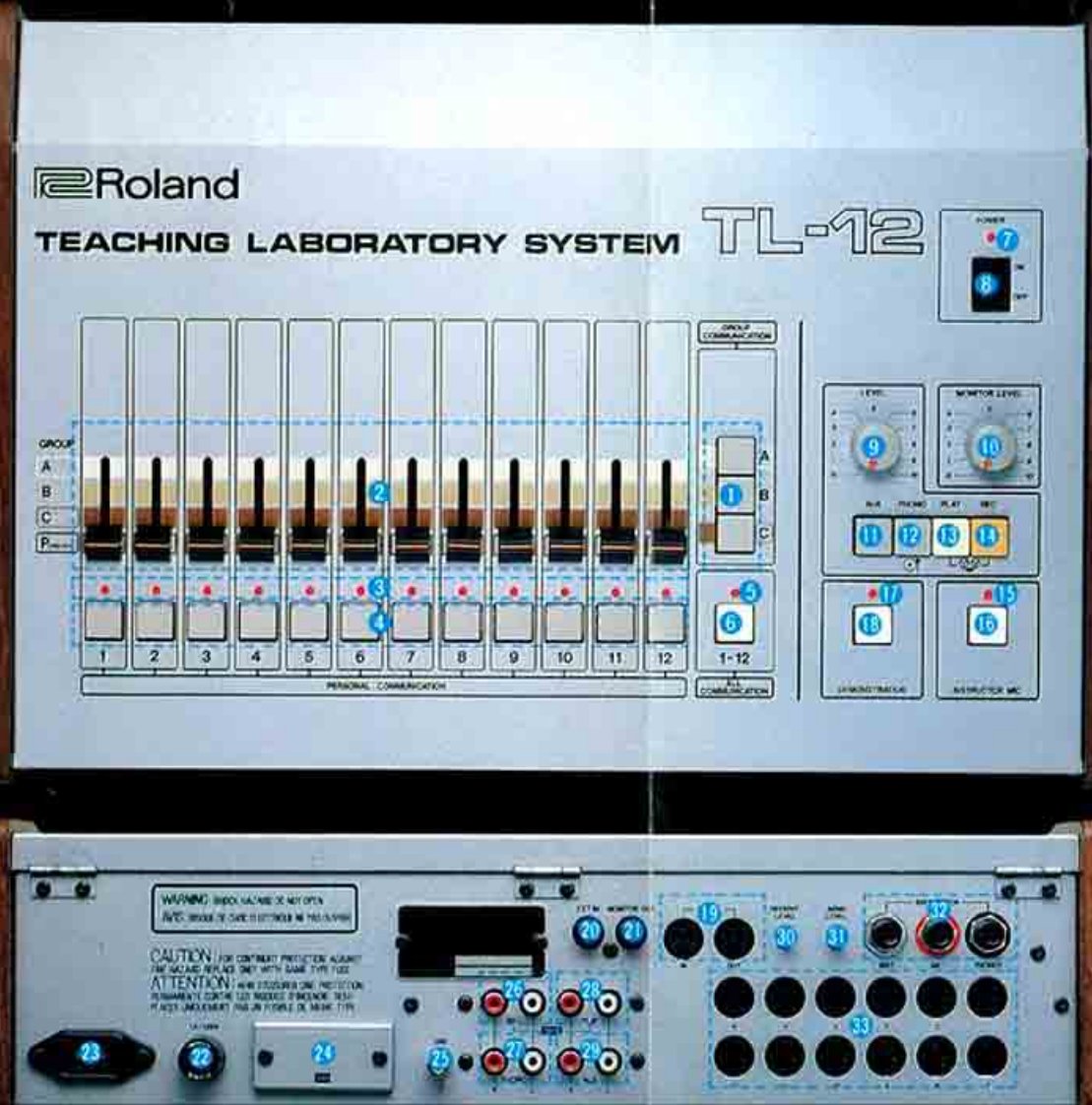
Tape recorders, record players, rhythm machines and other commercially marketed external equipment can be easily hooked to the TL-12, for listening to records or tapes. The performances of students can even be recorded to make classroom teaching as effective as possible.

Easy to install

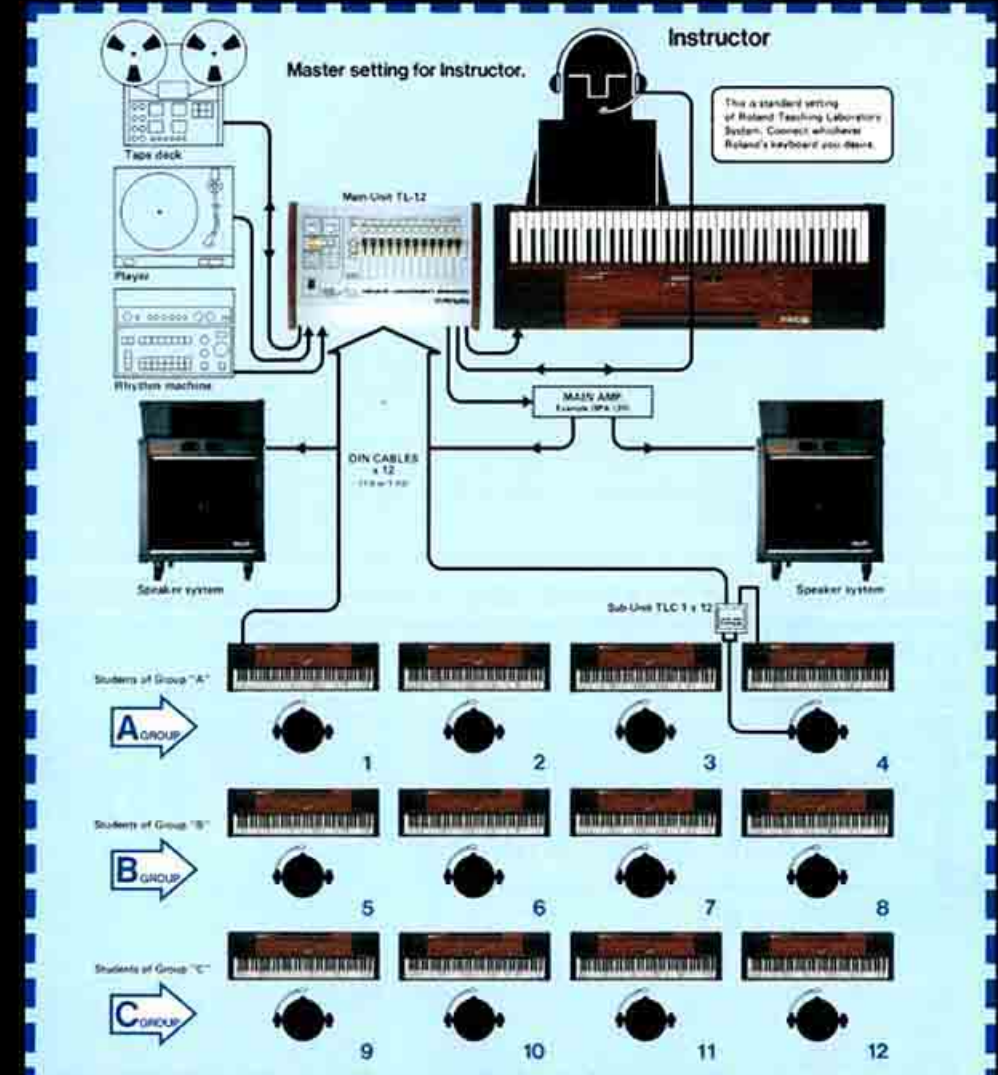
The TL-12 requires no special installation. A connection box and electric cords are all that is needed to adjust the system to changing classroom situations.

CONTROL PANNEL

- 1 Group communication button
- 2 Personal select switch
- 3 Communication indicator
- 4 Personal communication button
- 5 All communication indicator
- 6 All communication button
- 7 Power indicator
- 8 Power switch
- 9 Play level
- 10 Monitor level
- 11 AUX button
- 12 PHONO button
- 13 TAPE-PLAY button
- 14 TAPE-REC button
- 15 Instructor mic indicator
- 16 Instructor mic button
- 17 Demonstration indicator
- 18 Demonstration button
- 19 DIN connector
- 20 IN (Main-unit)
- 21 OUT (Sub-unit)
- 22 EXT IN (External unit input jack)
- 23 Monitor out
- 24 Fuse holder
- 25 AC inlet
- 26 Name plate
- 27 GND
- 28 TAPE-REC
- 29 PHONO
- 30 TAPE-PLAY
- 31 AUX
- 32 Receive level
- 33 Send level
- 34 Teacher's connection jack
- 35 INST (Instrument)
- 36 MIC (Microphone; red washer)
- 37 PHONES (Headphones; black washer), Headset
- 38 DIN connector (for connection with student's unit)



Typical Usage of the TL-12 Roland Teaching Laboratory System



Five different communication controls

1 Communicating with all students
The "All Communication Button" is provided for communicating with the entire class.

2 Private lessons
To communicate with only one student sitting at seat 4, for example, the instructor presses personal communication button No. 4. The teacher communicates with only one student; all others are excluded at this time.

3 Group teaching
The personal select switches, 1 through 12, can be divided into groups, A, B, or C, to communicate with one group of students at one time.

4 Demonstration
The performance of any student can be heard by all other students when the demonstration button is pressed by the teacher.

5 Rehearsals
When the personal select switch is turned to "Personal", the student can listen to his own performance with no outside interruption.



SPECIFICATIONS

- Maximum number of students: 12 (Expandable up to 48)
 - Teaching style: group instruction (3 groups)
- External input/output terminals**
- Student connector jack (DIN connector: DIN5P) x 12
 - Stacking jack (DIN connector: DIN5P) IN x 1, OUT x 1
 - Instructor connector jack
 - INST (instrument) input (6.5φ standard stereo jack, -10dBm, 50kΩ min.) x 1
 - MIC input (6.5φ standard jack, -60dBm, 10kΩ) x 1
 - PHONE output (6.5φ standard stereo jack, 16Ω min.) x 1
 - TAPE-PLAY (Pin jack, -10dBm, 20kΩ min.) x 2
 - TAPE-REC (Pin jack, -10dBm, 1kΩ max.) x 2
 - PHONO input (Pin jack, 5mV, 47kΩ, RIAA) x 2
 - AUX input (Pin jack, -10dBm, 50kΩ min.) x 1
 - Monitor output (6.5φ standard jack, -10dBm, 1kΩ max.) x 1
 - EXT IN (6.5φ standard jack, -10dBm, 50kΩ min.) x 1
 - Power consumption: 12W
 - Outside dimensions: 456(W) x 300(D) x 116(H) mm
(17-15/16" x 11-13/16" x 4-9/16")
 - Weight: 4.3 kg (9 lb. 8 oz.)
- Accessories**
- Connection cord (between the instrument and the TL-12)
 - Expansion cord (DIN5P)

ACCESSORIES

CONNECTING BOX TLC-1



The TLC-1 sub-unit is used to connect a student's RHS-100 microphone-connected headphone with the Piano Plus and TL-12 main-unit.

• Dimensions: 69(W) x 50(D) x 32(H)mm (2-11/16" x 1-15/16" x 1-1/4")

CONNECTION CORDS T-5 (DIN 5P, 5m)



HEAD SET RHS-200



This set combines high-performance headphones with a microphone designed exclusively for use with the teaching laboratory system. The TLC-1 connection box is necessary for using the set.

T-10 (DIN 5P, 10m)



Extension cords for connecting the TL-12 and Piano Plus are available in two lengths; the T-5 is 5m long and the T-10 is 10m long.

Roland electronic pianos and synthesizers are best suited for the TL-12

PIANO PLUS ELECTRONIC PIANOS

PIANO PLUS-100 (HP-100)



PIANO PLUS-20 (HP-20)



PIANO PLUS-20S (HP-20S)



SYNTHESIZERS

SUPER JX (JX-10) POLYPHONIC SYNTHESIZER



JX-8P POLYPHONIC SYNTHESIZER



α JUNO-2 POLYPHONIC SYNTHESIZER



α JUNO-1 POLYPHONIC SYNTHESIZER



SH-101 MONOPHONIC SYNTHESIZER



MGS-1 MODULATION GRIP SET



• Specifications and appearance subject to change without notice.