



## Using a Lesson to Master Song Play

1 LESSON

To select the song you want to learn

2

To select a lesson part

2

RIGHT: Right-hand part lesson  
LEFT: Left-hand part lesson  
BOTH: Both-part lesson

3

To play using the Easy Mode

2

3

To practice with the lesson functions

2

LISTEN: Listen to the example until you remember the song.  
WATCH: Play while watching the keys that light.  
REMEMBER: Play without keyboard lighting.

To loop a section between points A and B

4

To use the Challenge Mode to check your results

2

3

## Selecting a Rhythm for Ensemble Play

1 RHYTHM

To select a rhythm

2

Category	No.
POPS	1 - 12
8 BEAT	13 - 16
16 BEAT	17 - 20
ROCK	21 - 32
DANCE	33 - 41
JAZZ	42 - 52
TRAD	53 - 59
LATIN I	60 - 75
LATIN II	76 - 91
WORLD I	92 - 110
WORLD II	111 - 157
COUNTRY	158 - 163
ENSEMBLE/ORCHESTRA	164 - 168
BALLAD	169 - 180
PIANO RHYTHMS	181 - 200

To play a rhythm

3

To change the pattern

2 Start the rhythm.

3

To insert a fill-in

2 Start the rhythm.

3

To insert an intro

2

3 Start the rhythm.

To insert an ending

2 Start the rhythm.

3

To sound the accompaniment pattern with chords

2

3 Start the rhythm.

4 Use the chord input keyboard to play chords.

To start rhythm play as soon as you play a chord

2

3 Press the ACCMP button to display AC. Next, play a chord on the accompaniment keyboard.

## Recording Your Performance

1 HOME or RHYTHM

2 RECORD

3 Play what you want to record.

This starts recording.

4 Stop recording.

5 Playback your recording.

## Configuring Function Settings

1 MENU

2 Display SETTING.

3

4 Select a function.

5 Change the setting value.

4 Select "All Initialize".

5

6

For information about functions, refer to the User's Guide available on the CASIO Website.

Example: To specify the battery type  
Alkaline: Alkaline batteries  
Ni-MH: Rechargeable nickel metal hydride batteries

## Product Specifications

**Model:** LK-S450  
**Keyboard:** 61 keys  
**Touch Response:** 3 levels, Off  
**Lighted Keys:** Maximum number of keys simultaneously lit: 10, can be turned off  
**Maximum Polyphony:** 48 notes  
**Tone Functions:** 600 preset tones  
**Effects:** Reverb (20 types, Off); Chorus (10 types, Tone); DSP  
**Metronome:** Bell sound off, 1 to 16 beats; Tempo Range: 20 to 255  
**Song Bank:** 160 preset songs; Part Off Function: Left-hand, right-hand, both hand  
**Lesson Function:** 3 lesson types (LISTEN, WATCH, REMEMBER); Left-hand, right-hand, both-hand lesson parts; AB repeat; voice fingering guide; next note guide; evaluation points  
**Auto Accompaniment:** 200 preset rhythms, 10 user rhythm, 200 one-touch presets, INTRO, ENDING; chord input mode switching  
**Chord Book Function:** Chord guide  
**Demo Function:** 110 built-in Song Bank songs  
**Function Volume Adjustment:** Metronome, Rhythm, Song  
**MIDI Recorder:** Real-time Recording, Playback; Tone recording songs: 1 song, Rhythm recording songs: 1 song, Multi-track recording songs: 5 songs, 6 tracks (1 system track, 5 solo tracks); Capacity: Approximately 40,000 notes (one song)  
**Other Functions:** Transpose ( $\pm 1$  octave,  $-12$  to  $0$  to  $+12$  semitones); Octave Shift ( $-3$  to  $0$  to  $+3$  octave); Tuning (A4 = 415.5 to 465.9 Hz; Default = 440.0Hz)  
**APP Function:** iOS, Android supported (connected via the USB terminal)  
**MIDI:** 16-channel multi-timbre receive; GM Level 1 standard  
**Input/Output Terminals:** PHONES/OUTPUT jack: Stereo mini jack (3.5mm); MIC IN jack: Standard jack (6.3mm) (Input impedance: 3k $\Omega$ , Input sensitivity: 10mV); AUDIO IN jack: Stereo mini jack (3.5mm) (Input impedance: 10k $\Omega$ , Input sensitivity: 200mV); USB TO HOST port: micro B; USB TO DEVICE port: Type A; PEDAL jack: Standard jack (6.3mm) (pedal sustain, sostenuto, soft, start/stop, fill-in)  
**Power Jack:** 9.5VDC  
**Power Supply:** 2-way power supply; Auto Power Off (30-minute trigger time; Can be disabled)  
 Batteries: 6 AA-size alkaline batteries or AA-size rechargeable nickel metal hydride batteries; Approximately 3 hours (alkaline batteries) or approximately 3 hours (nickel metal hydride batteries) continuous operation\*  
 \* Measured values while using enloop batteries. enloop is a trademark of Panasonic Corporation.  
 • Actual continuous operation time may be shorter due to battery type, performance type, and usage environment.  
 • Specifying the wrong battery type can cause incorrect display of the battery level and sudden loss of power.  
 AC Adaptor: AD-E95100L (JEITA Standard, with unified polarity plug)  
**Speakers:** 13 cm  $\times$  6 cm (oval)  $\times$  2 (Output: 2.5W+2.5W)  
**Power consumption:** 9.5V --- 7.5W  
**LCD:** Adjustable contrast  
**Dimensions:** 93.0(W)  $\times$  25.8(D)  $\times$  8.4(H) cm (36 5/8  $\times$  10 3/16  $\times$  3 5/16 inch)  
**Weight:** Approximately 4.6 kg (10.1 lbs) (Excluding batteries)  
 Specifications and designs are subject to change without notice.

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**Declaration of Conformity**

Model Number: LK-S450  
 Trade Name: CASIO COMPUTER CO., LTD.  
 Responsible party: CASIO AMERICA, INC.  
 Address: 570 MT. PLEASANT AVENUE, DOVER, NEW JERSEY 07801  
 Telephone number: 973-361-5400  
 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
 (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

A labels rating is affixed to the bottom of the product.

## Functions Not Covered in This Manual

These instructions provide general information about main functions. For more detailed information, refer to the "User's Guide".

<https://support.casio.com/global/en/emi/manual/LK-S450/>

The "User's Guide" includes information on the topics listed below.

- Saving a Setup (My Setup)
- Changing the Pitch in Octave Units (Octave Shift)
- Changing the Pitch in Semitone Units (Transpose)
- Changing the Scale (Scale Tuning)
- Playing with a More Expanded Sound (Surround)
- Singing Karaoke
- Other