



CT-S500 Casiotone

Quick Start Guide

For more detailed information about the product and its operation, visit the CASIO website.
Available Information: User's Guide, etc.
<https://support.casio.com/global/en/emi/manual/CT-S500/>



After reading this document, keep it in a safe place along with the warranty certificate. Be sure to read the "Safety Precautions" in the separate "READ THIS!" sheet, and use the product correctly.

EN

CASIO®

Included Accessories

- Music Stand
 - Wireless MIDI & audio adaptor
 - Strap Lock (enclosed with music stand)
 - Leaflets
 - READ THIS! Sheet
 - Other (Warranty, etc.)
- Items included as accessories are subject to change without notice.

Preparation

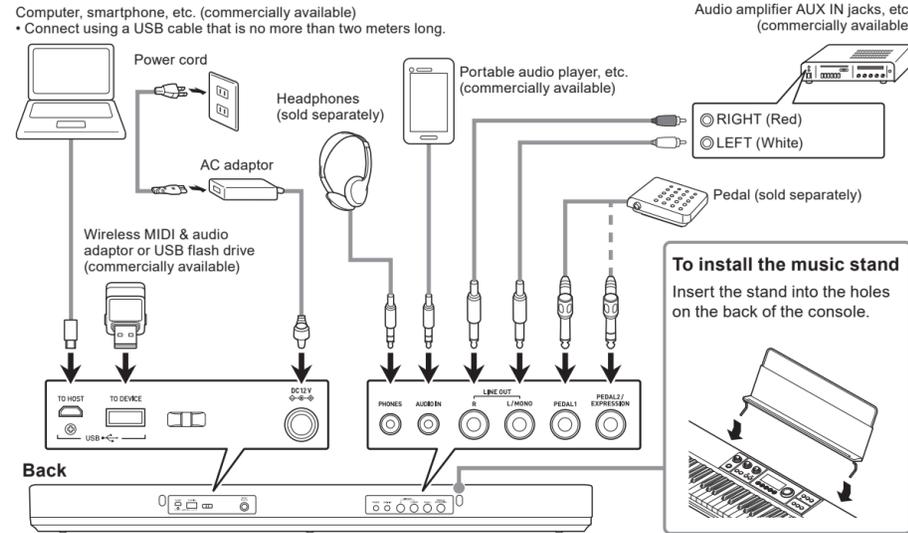
Preparing a Power Supply

Using the AC Adaptor

- 1 Connect the AC adaptor as shown in the illustration on the right.
 - Make sure that you use only the AC adaptor specified for this Digital Keyboard.

Using Batteries

- 1 Bottom of console
Open
- 2 Load six AA-size batteries.
- 3 Tabs
Close
- 4 Specify the battery type. See "Configuring Function Settings" on the reverse side of this sheet.



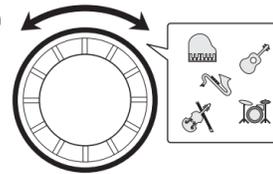
Playing with a Different Sound

1



To select a tone

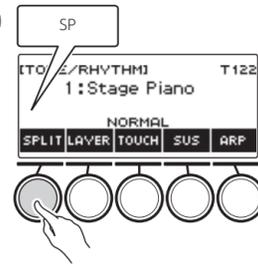
2



Category	No.	Category	No.
PIANO	1 -	SYNTH-BRASS	321 -
HARPSICHORD	32 -	SAX	332 -
ELEC.PIANO	36 -	REED	355 -
CLAVI	65 -	PIPE	362 -
VIB./CHR.PERC.	73 -	SYNTH-LEAD	380 -
ELEC.ORGAN	88 -	SYNTH-PAD	457 -
PIPE ORGAN	126 -	CHOIR	512 -
ACCORDION	130 -	EDM SYNTH	530 -
ACOUS.GUITAR	140 -	CASIO CLASSIC	544 -
ELEC.GUITAR	157 -	INDIAN	560 -
ACOUS.BASS	212 -	INDONESIAN	580 -
ELEC.BASS	215 -	ARABIC	590 -
SYNTH-BASS	248 -	CHINESE	603 -
SOLO STRINGS	262 -	BRAZILIAN	623 -
STRING ENS.	271 -	ETHNIC OTHERS	627 -
SOLO BRASS	292 -	GM TONES	637 -
BRASS ENS.	305 -	DRUM SET	765 -

To change the keyboard's high-range and low-range tones

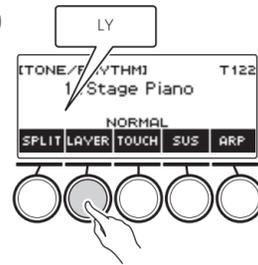
2



3 Select a tone for the keyboard's low range.

To play with two layered tones

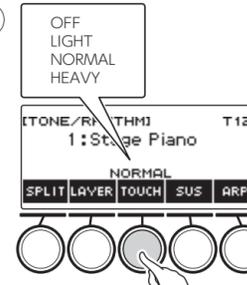
2



3 Select the tone you want to layer.

To play with Touch Response

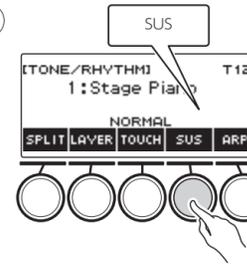
2



OFF: No Touch Response.
LIGHT: Louder notes with lighter touch than NORMAL.
NORMAL: Normal Touch Response.
HEAVY: Louder notes require a heavier touch than NORMAL.

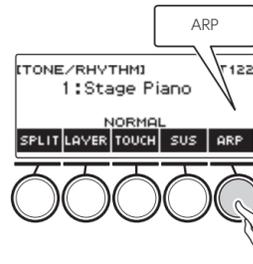
To play with sustain

2

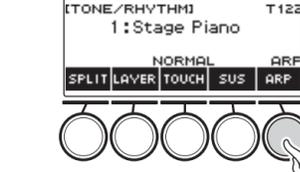


To sound arpeggio phrases automatically

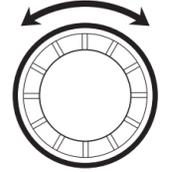
2



3 Enable the arpeggiator.

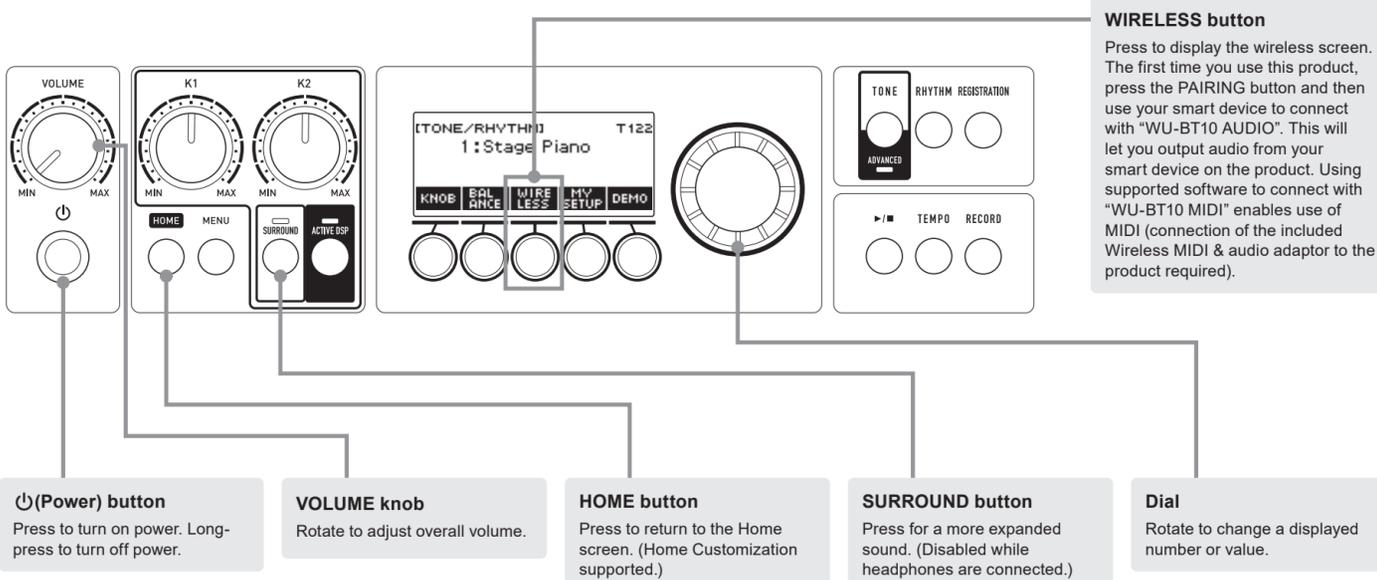


4 Select a type.



5 Play single notes and chords.

Basic Operation



Pitch Bend Wheel
Rotate for a smooth change in the pitch of a note that is sounding.

Auto Power Off
Automatically turns off power after 30 minutes of non-use. (On, Off switchable)

Touch Response
Pressing a key harder produces louder sound, while a softer key press produces softer sound.

Pedal
Sustains notes played while the pedal is depressed. Even if the keys played are released, notes are sustained as if the keys remain pressed, until the pedal is released.
You can connect a commercially available expression pedal to the PEDAL 2/EXPRESSION jack.

Applying the Effect You Want to a Tone (Active DSP)

1

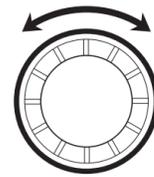


Light the ACTIVE DSP LED.

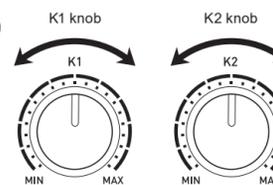
This enables Active DSP.

To use the knobs to change the effect

2 Select an effect.



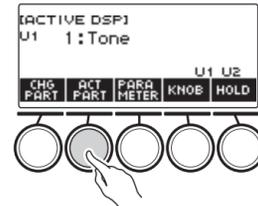
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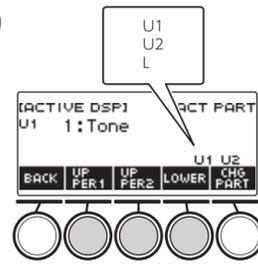
K3 knob (left side of product)

To change the part where the effect is applied

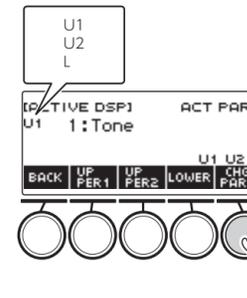
2 Select the part where you want to apply the effect.



3



4 Select the part whose effect you want to change.

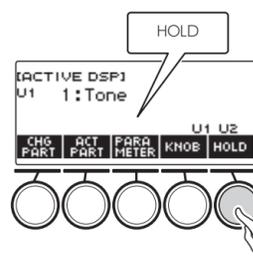


U1: Upper 1 part effect changed.
U2: Upper 2 part effect changed.
L: Low part effect changed. (Initial default: disabled)

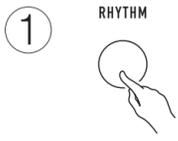
5 Play something on the keyboard as you change the effect with the effect selector knobs.

To use other functions with Active DSP enabled

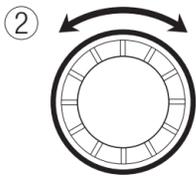
2



Selecting a Rhythm for Ensemble Play



To select a rhythm

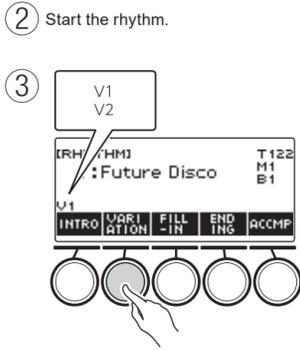


Category	No.
POPS	1 - 23
8 BEAT	24 - 29
16 BEAT	30 - 36
ROCK	37 - 57
DANCE	58 - 72
JAZZ	73 - 87
TRAD	88 - 98
LATIN I	99 - 120
LATIN II	121 - 137
WORLD I	138 - 157
WORLD II	158 - 190
COUNTRY	191 - 199
ENSEMBLE/ORCHESTRA	200 - 205
BALLAD	206 - 223
PIANO RHYTHMS	224 - 243

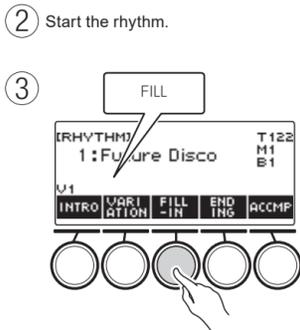
To play a rhythm



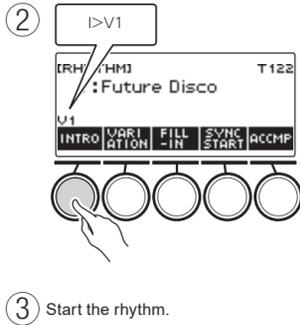
To change the pattern



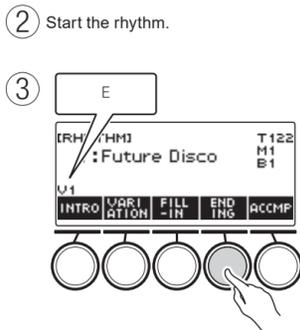
To insert a fill-in



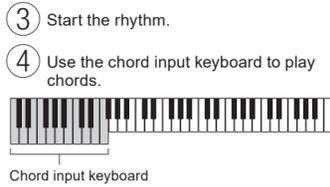
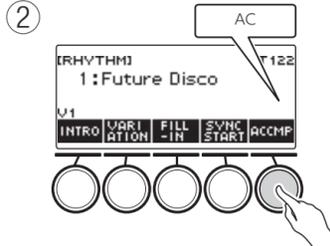
To insert an intro



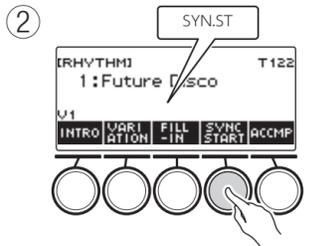
To insert an ending



To sound the accompaniment pattern with chords

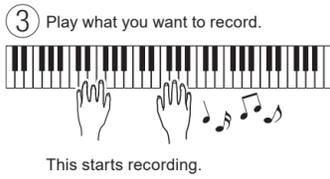
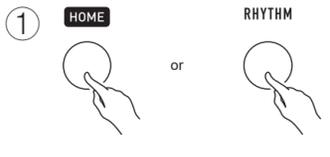


To start rhythm play as soon as you play a chord

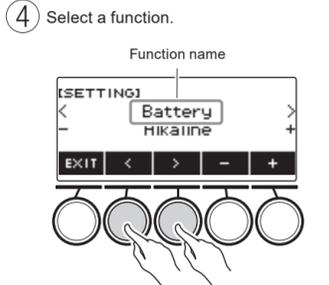
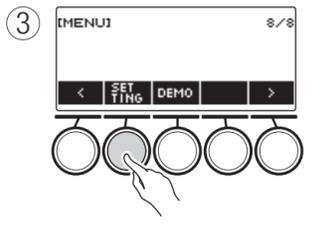
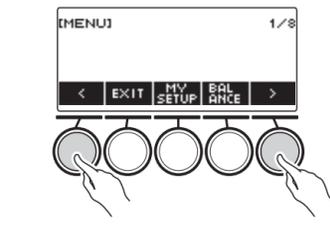
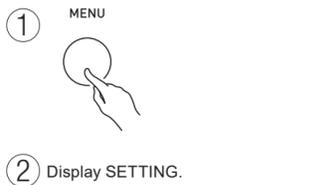


Step 3: Press the ACCMP button to display AC. Next, play a chord on the chord input keyboard.

Recording Your Performance

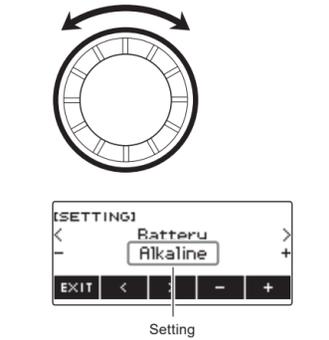


Configuring Function Settings



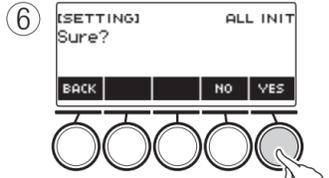
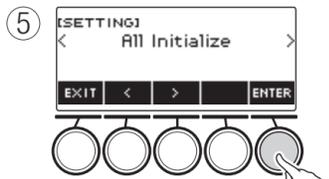
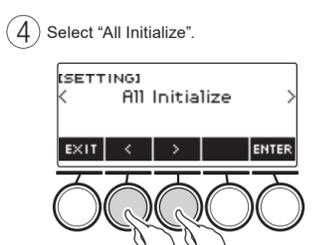
For information about functions, refer to the User's Guide available on the CASIO Website.

Change the setting value.



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

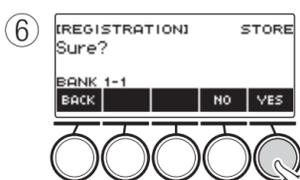
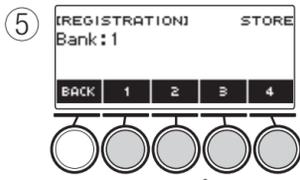
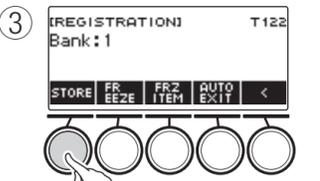
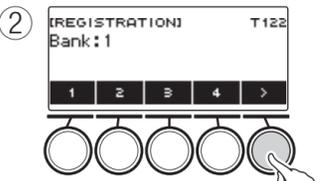
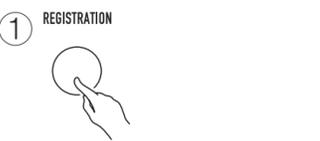
To initialize a setting



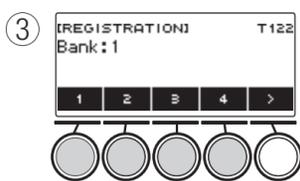
This causes a re-start.

Registering and Recalling Performance Setups

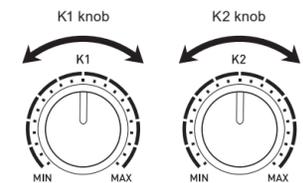
To register a setup



To recall a setup



Using Knobs to Change the Tone



K3 knob (left side of product)



- K1 knob: Cut off** (initial default)
- K2 knob: Resonance** (initial default)
- K3 knob: Modulation** (initial default)

Enabling Active DSP switches to special Active DSP settings.

Product Specifications

Model: CT-S500
Keyboard: 61 keys
Touch Response: 3 levels, Off
Maximum Polyphony: 64 notes
Tone Functions: 800 preset tones
Effects: Reverb (24 types, Tone, Off); Chorus (12 types, Tone); Delay (15 types, Tone); Active DSP (100 types, Tone); Equalizer (10 types, User); Surround
Metronome: Bell sound off, 1 to 16 beats; Tempo Range: 20 to 255
Auto Accompaniment: 243 preset rhythms, 50 user rhythms, 243 one-touch presets, INTRO, ENDING; chord input mode switching
Registration: Maximum 64 setups (4 setups × 16 banks), Registration sequence, Freeze
Demo Function: 1 Demo Song
Function Volume Adjustment: Metronome, Rhythm, Song
APP Function: 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)
Sampling: 1 sampling melody, 1 sampling drum set, Sampling frequency: 44.1 kHz, Sampling channels: stereo, Sampling bits: 16, Loop
Other Functions: Transpose (±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 = 440.0 Hz), 12 Auto Harmonize types; 150 Arpeggiator types; MIDI controller
Pitch Bend Wheel: 0 to 24 semitones
Control Knobs: 3, Knob parameter control
MIDI: 16-channel multi-timbre receive; GM Level 1 standard
Input/Output Terminals: PHONES jack: Stereo mini jack (3.5mm); LINE OUT jack: Standard jack (6.3mm) × 2; AUDIO IN jack: Stereo mini jack (3.5mm) (Input impedance: 10kΩ, Input sensitivity: 200mV); USB TO HOST port: micro B; USB TO DEVICE port: Type A; PEDAL 1 jack: Standard jack (6.3mm) (pedal sustain, sostenuto, soft, start/stop, fill-in, arpeggiator hold, registration sequence); PEDAL 2/EXPRESSION jack: Standard jack (6.3mm) (expression, master volume, balance, tempo)
Power Jack: 12VDC
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 eneloop batteries. eneloop 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-A12150LW (JEITA Standard, with unified polarity plug)
Speakers: 13 cm × 6 cm (oval) × 2 (Output: 2.5W+2.5W)
Power consumption: 12V --- 7.5W
LCD: Adjustable contrast
Dimensions: 93.0(W) × 25.8(D) × 9.1(H) cm (36 5/8 × 10 3/16 × 3 9/16 inch)
Weight: Approximately 4.7 kg (10.4 lbs) (Excluding batteries)
 Specifications and designs are subject to change without notice.

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 • Company and product names used in this manual may be registered trademarks of others.

Declaration of Conformity

Model Number: CT-S500
 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/CT-S500/>

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

- Saving a Setup (My Setup)
- Saving and Recalling Setups (Registration)
- 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)
- Changing the Volume Balance Between Keyboard Play and Rhythm Play (Balance)
- Making Transitions Between Upper Part Notes Smoother (Upper Portamento)
- Other



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