

**CASIO**®

CASIO DIGITAL KEYBOARD

**CT-X**



**AiX**  
SOUND SOURCE

As a global leader in electronic musical instruments, Casio uses advanced digital technologies to make playing music more personal.

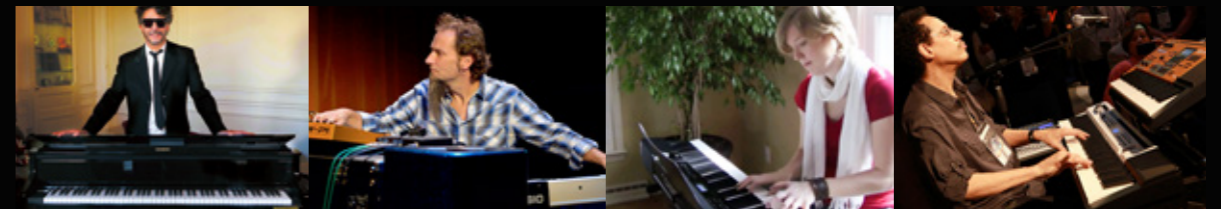
# 0 to 1 Production

Casio's "0 to 1" concept expresses our overall goal of producing "something from nothing," contributing to society by creating high-value products that can be used to express and enhance culture. Casio's products are brought to life through the combination of revolutionary technology and innovative ideas born from the user's perspective. This "0 to 1" approach has defined Casio's identity since day one, and it serves as a backdrop as we design musical instruments that are treasured by musicians around the globe.



# Go Beyond Sound

Casio wants as many people as possible to enjoy making music, and to share the joy of music with the world. We express these desires by saying "Go Beyond Sound." Combining 70+ years of technological innovation and expertise with creative thinking, Casio seeks to overturn conventional and established ideas, such as "instruments are only for people who know how to play." Casio's instruments transcend the traditional framework of musical instruments, emphasizing musical freedom over rigidity.



## Originality and Innovation

Building on our legacy, Casio's electronic musical instruments will continue to inspire the world's musical population to grow by combining exceptional technology with creative, outside-the-box thinking.

The SK-1 recorded total sales in excess of one million keyboards.

Year	Model	Description	Sound Source
1980	CASIOTONE 201	Casio's first electronic keyboard, designed around the concept of a musical instrument anyone could enjoy	Sound Source
1986	SK-1	A keyboard that opened up new ways of playing with a built-in sampling function	Sound Source
1991	AP-7	Natural piano sound and feel in an elegant design	Square Sound Source
1996	CTK-520L	A keyboard with a key lighting system that made playing easier for beginners	HL Sound Source
2000	MZ-2000	A powerful arranger keyboard with nine sliders that can act as organ drawbars	ZPI Sound Source
2003	PX-100	Authentic piano sound and feel in a space-saving, lightweight, affordable design	AiF Sound Source
2012	XW-G1	A flexible synthesizer for electronic music producers and performers	Hybrid Processing Sound Source
2013	PX-850	A piano featuring a slim and stylish design, with a moveable top board that replicates moving the lid on an acoustic piano	AiR Sound Source
2015	GP-500	Our flagship piano with full-length wooden keys and hammer mechanism, designed to satisfy the most demanding pianist	AiR Grand Sound Source
2018	New Keyboard Debut		NEW Sound Source



Breaking tradition to create incredible sound quality  
in a portable instrument.

AiX stays true to the quality of our award-winning AiR Sound Source,  
which earned the unwavering loyalty of pianists around the world.

The AiR Sound Source used advanced technology to accurately convey the complex nuances of a  
grand piano, earning the trust of pianists by elevating the sound of digital pianos to a new level.

The new AiX Sound Source carries on the fidelity ideal that was cultivated during  
AiR Sound Source development



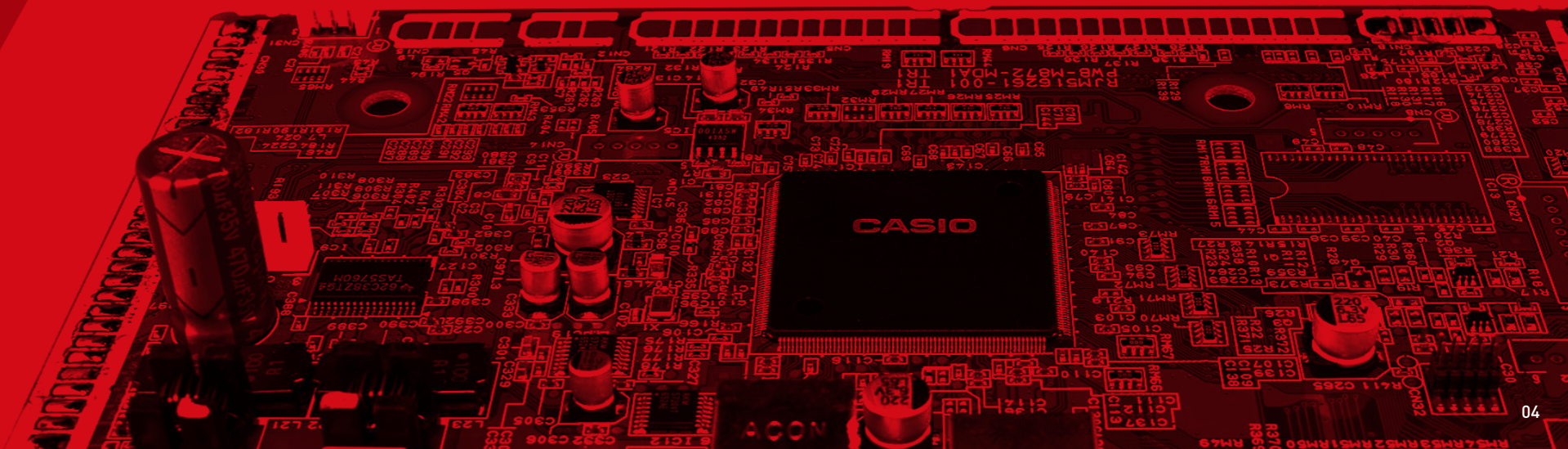
**AiX**  
SOUND SOURCE

The revolutionary new AiX Sound Source  
will completely transform your idea of  
how a portable keyboard should sound.

In 2018, Casio has introduced the all-new AiX Sound Source,  
designed from the ground up for a new era of keyboards.

In reexamining our sound and hardware design processes,  
we've achieved a level of sonic fidelity that will change the world's  
expectations of portable electronic keyboards.

AiX delivers an incredible playing experience for any level of musician.





# Go Anywhere, Sound Monstrous

From the moment you first touch the keys, you'll find yourself doubting your ears. The CT-X packs sensationally authentic, high-quality sound into a portable instrument. Even keyboardists who are only satisfied with high-end instruments will be shocked out of complacency by the CT-X's impressive performance.



# CT-X

Powered by **AIX**  
SOUND SOURCE



# Exceptional Sound

Casio leverages some of its most advanced technologies in the CT-X series, creating an unprecedented playing experience for any keyboardist.

Never before has a portable keyboard sounded so good.



## Acoustic

High tone quality capable of reproducing subtle nuances of acoustic instruments

## Intelligent

High-performance DSP effects and EQ driven by a powerful new processor

## Expression

Wide range of built-in tones with unique and powerful expression capabilities

The new AiX Sound Source for Casio keyboards has been completely redesigned from the ground up. It combines a cutting-edge processor's high-performance DSP effects and EQ with meticulously-sculpted instrument sounds, such as acoustic and electric pianos, guitars, drums, and more. These sounds come to life with clarity and expression that is unparalleled in portable keyboards.



## Enhanced amplifier and speakers highlight the AiR Sound Source's exceptional fidelity

A 15W+15W amplifier puts out the most power in its class. High-performance speakers provide clear, powerful sound. A newly-designed bass reflex enclosure delivers deep, rich bass (CT-X5000).

High-precision acoustic correction ensures clear, tight, authentic sound while suppressing excess resonance and maintaining full bass response.

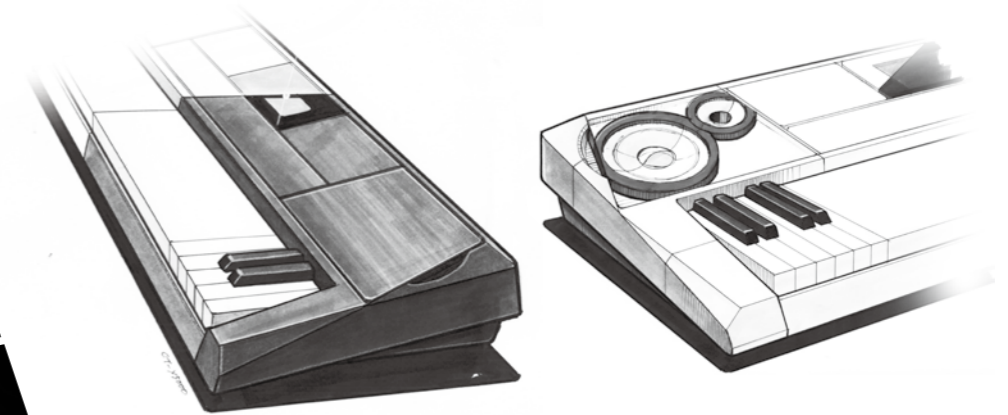


\*The mesh speaker grill is permanently affixed, and is shown removed here for illustrative purposes only. Please do not attempt to remove it.



# Aggressive Styling and Intuitive Operation

The CT-X's distinctive styling puts a bold face on its incredible sound, and delivers an intuitive-yet-sophisticated playing experience through its easy controls.



## Cockpit design

Reminiscent of an airplane's cockpit, the controls are grouped in tiled sections. Each control's location feels natural, so you can focus on your playing.



## Futuristic design

Overlapping crimson rings surround the speakers and ports. These striking, forward-thinking accents add a powerful visual element to match the powerful sound.



## Rugged design

The aggressive body styling comprises a bold, angular shape with multi-textured surfaces. This lends an impression of clarity and power, while ensuring that the CT-X can withstand rigorous play.



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# Top Ten Features of the Flagship CT-X5000

## Sound

### 1. Superior sound

#### New AiX Sound Source development

Casio's commitment to authentic sound results in stunning pianos, vibrant strings, expressive drums, and so much more. It is the best-sounding instrument in its class, by far.



### 2. Enhanced sound impact

#### High-volume amplifier + high-performance bass reflex speakers

The 15W+15W high-output amplifier and newly-designed bass reflex speakers deliver monstrous power, indoors or out.

### 3. Wide-ranging acoustic effects

#### High-performance DSP & system effects

In addition to the highly polished instrument Tones, 100 DSP effects and algorithms are available. The huge variety includes amplifier models, reverbs, delays, choruses, vintage pedal effects, and much more.

## Compose & Arrange

### 7. Original song recording

#### 17-track MIDI recorder

Record up to 10 original songs, with step recording and editing functions.



### 8. Multi-channel mixer

#### Mixer control of 42 parts

The multi-channel mixer with optimal mix-down capabilities lets you fine-tune your compositions and performances.



## Performance

### 4. Great-sounding Rhythms

#### Accompaniment for the modern age

The updated built-in Rhythms let you perform in a huge variety of musical genres, from old favorites to contemporary electronic music.

### 5. Phrase recording and playback

#### Always useful, always ready

Record musical phrases, drum patterns, sound effects, or other patterns that you can recall instantly while playing.

### 6. Favorite setting registration

#### Your signature sounds and settings at your fingertips

These buttons let you store up to 128 registrations, which let you instantly recall Tones, Rhythms, Delay, Chorus, EQ, and much more.

## Expandability

### 9. Flexible Tone and Rhythm editing

#### Dedicated user area for storing your creations

After customizing your CT-X, use the free data management software from Casio to exchange data between CT-X and a computer.

### 10. Connectivity for performing, composing & arranging

#### Perfect at home, on stage, or in the studio

Audio In/Out, sustain & assignable pedal jacks, and USB device port and USB host port are included.



### Artists' Voices

"The quality of the sound source is amazing. This keyboard's a joy to play!"  
 "It's small, lightweight and attractive! And you can perform outdoors or on the street." "Every sound stands out clearly."  
 "The piano and electronic piano sounds are especially convincing. It's terrific for playing jazz and ballads."  
 "I love the speakers' wide dynamic range and powerful bass sound."  
 "Every sound is nicely balanced, even with auto accompaniment."  
 "The sound of the World Music system is especially good." "The red accent gives the black speakers a really cool look."  
 "You can sense Casio's personality in the Sound Source." "The Strings sound reproduction is superb." Others...





# Lineup



## CT-X5000

- 800 tones • 235 rhythms • 64 poly • Tone edit • 100 user tone • Rhythm edit
- 100 user rhythm • 4 layer sound • 32 reverb • 16 chorus • 20 delay • 100 DSP
- 10 EQ • 1 USER EQ • 4 rhythm variation • Synchro stop
- Alternative new chord fingering method selectable • Phrase recorder
- Pitch bend wheel • Modulation button • 1 assignable pedal • Direct select button
- 15W + 15W significant wattage • 17 track MIDI recorder • 128 registration • Freeze



## CT-X3000

- 800 tones • 235 rhythms • 64 poly • Tone edit • 100 user tone • Rhythm edit
- 50 user rhythm • 4 layer sound • 24 reverb • 12 chorus • 15 delay
- 100 DSP • 10 EQ • 4 rhythm variation • Synchro stop
- Alternative new chord fingering method selectable • Phrase recorder
- Pitch bend wheel • 1 assignable pedal • 17 track MIDI recorder
- 128 registration • Freeze



## CT-X800

- 600 tones • 195 rhythms • 48 poly • 20 reverb • 10 chorus • 10 EQ
- Synchro stop • Alternative new chord fingering method selectable
- 310 music preset • 32 registration • Freeze
- 6 track MIDI recorder • Pitch bend wheel • USB to HOST • USB to Device



## CT-X700

- 600 tones • 195 rhythms • 48 poly • 20 reverb • 10 chorus • 10 EQ
- Synchro stop • Alternative new chord fingering method selectable
- 310 music preset • 32 registration • Freeze
- 6 track MIDI recorder • USB to HOST

## SPECIFICATIONS

Function	CT-X5000	CT-X3000	CT-X800	CT-X700
KEYBOARD	NUMBER OF KEYS	61	61	61
	TOUCH RESPONSE	3 types, off	3 types, off	3 types, off
	TOUCH ON / OFF BUTTON	—	—	●
TONE GENERATOR	TECHNOLOGY	AiX	AiX	AiX
	POLYPHONY	64	64	48
LCD	SIZE	108 x 38 mm	108 x 38 mm	108 x 38 mm
	TYPE	Character	Character	Character
	BACKLIGHT	● (White)	● (White)	● (White)
NUMERIC KEYPAD	●	●	●	●
TONES	NUMBER OF TONES	800	800	600
	NUMBER OF DIRECT SELECT	10 x 2	—	—
	CATEGORY BUTTON	●	●	●
	PIANO BUTTON	● (Tones Direct Select)	—	●
	TONE EDIT	●	●	—
	USER TONES	100	100	—
LAYER	LOWER1, LOWER2, UPPER1, UPPER2	LOWER1, LOWER2, UPPER1, UPPER2	LOWER, UPPER1, UPPER2	LOWER, UPPER1, UPPER2
PORTAMENTO (BUTTON)	●	●	—	—
PANEL SUSTAIN	●	●	—	—
EFFECTS	SYSTEM REVERB	32 types	24 types	20 types
	SYSTEM CHORUS	16 types	12 types	10 types
	SYSTEM DELAY	20 types	15 types	● (Preset to tones)
	DSP	100 types	100 types	● (Preset to tones)
	VIRTUAL HALL / ULTRA WIDE	Included in Reverb	Included in Reverb	Included in Reverb
	USER DSP	●	—	—
	MASTER EQ	10 types + 1 User	10 types	10 types
	USER RHYTHMS	100	50	10
RHYTHMS	NUMBER OF RHYTHMS	235	235	195
	NUMBER OF DIRECT SELECT	6 x 2	—	—
	RHYTHM VARIATION	4	4	2
	TAP BUTTON with AUTO START	●	●	●
	SYNCHRO STOP	●	●	●
	YAMAHA'S FINGERING	●	●	●
	ONE TOUCH PRESET	●	●	●
	AUTO HARMONIZE	●	●	●
	RHYTHM EDIT	● (Pattern Sequencer)	● (Pattern Sequencer)	—
	USER RHYTHMS	100	50	10
	METRONOME	●	●	●
	SIMULTANEOUSLY WITH RHYTHM	●	●	●
ARPEGGIATOR	150 types	150 types	100 types	
MUSIC PRESET	310 types	310 types	310 types	
SONGS	NUMBER OF SONGS	30	30	160
	LESSON FUNCTION	●	●	●
USER SONGS	● (Direct Play from USB Flash)	● (Direct Play from USB Flash)	10	
REGISTRATION	SET	8 sets x 16 banks	8 sets x 16 banks	4 sets x 8 banks
	LED	●	●	—
	FREEZE FUNCTION	● (Button)	● (Button)	● (Button)
	PEDAL SW ASSIGNABLE	●	●	●
CHORD BOOK	—	—	●	
MIXER	42 parts	42 parts	—	
TRANSPOSE	NUMBER OF TRANSPOSE	●	●	●
	MASTER TRANSPOSE BUTTON	● (Up/Down)	● (Up/Down)	—
TUNING	●	●	●	
OCTAVE SHIFT	● (Up/Down)	● (Up/Down)	●	
SCALE SETTING	PRESET	17	17	17
	FINE TUNE	●	●	—
MIDI RECORDER	TRACKS	17 tracks	17 tracks	6 tracks
	SONGS	10	10	5
	MEMORY CAPACITY	40,000 notes (for each song)	40,000 notes (for each song)	40,000 notes (for each song)
	EDIT FUNCTION	●	●	—
PHRASE RECORDER	●	●	—	
USER PHRASES	100	100	—	
EDIT FUNCTION	●	●	—	
PHRASE PAD	4	4	—	
PITCH BEND WHEEL	●	●	●	
MODULATION BUTTON	● (Button, Assignable)	—	—	
JOG DIAL	●	●	—	
TERMINALS	PHONES / OUTPUT	●	●	●
	LINE OUT	● (R, L/MONO)	—	—
	MIC IN	●	—	—
	PEDAL	2 (Assignable second pedal)	2 (Assignable second pedal)	1
	AUDIO IN	●	●	●
	USB TO HOST	●	●	●
	USB TO DEVICE	●	●	●
SMARTPHONE SHED	—	—	●	
AUDIO PLAYER	.wav	.wav	—	
MELODY CANCEL BY AUDIO PLAYER	●	●	—	
MELODY CANCEL BY AUDIO IN	●	●	●	
MIC EFFECT	● (Reverb, Chorus, Delay)	—	—	
EXPANSION	TONE / RHYTHM / SONG	TONE / RHYTHM / SONG	RHYTHM / SONG	
SPEAKERS	NUMBER OF SPEAKERS	10 cm x 2 (Strengthen)	10 cm x 2 (Strengthen)	12 cm x 2
	BASS REFLEX ON / OFF	●	●	—
AMPLIFIERS	15W + 15W	6W + 6W	2.5W + 2.5W	
POWER SUPPLY	DC 24V	DC 12V	DC 9.5V	
BATTERY	—	D type x 6	AA type x 6	
MUSIC STAND	● (Tablet Supported)	● (Tablet Supported)	● (Tablet Supported)	
DIMENSIONS	948 x 384 x 116 mm	948 x 384 x 116 mm	948 x 350 x 109 mm	
WEIGHT	7.0 kg	6.9 kg	4.4 kg	



**CASIO**<sup>®</sup>

Go Beyond Sound

**CASIO COMPUTER CO., LTD.** Tokyo, Japan

<http://world.casio.com/>

• Displays shown in this catalog are photographic images. • The mesh speaker grille is not actually removable.