

**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

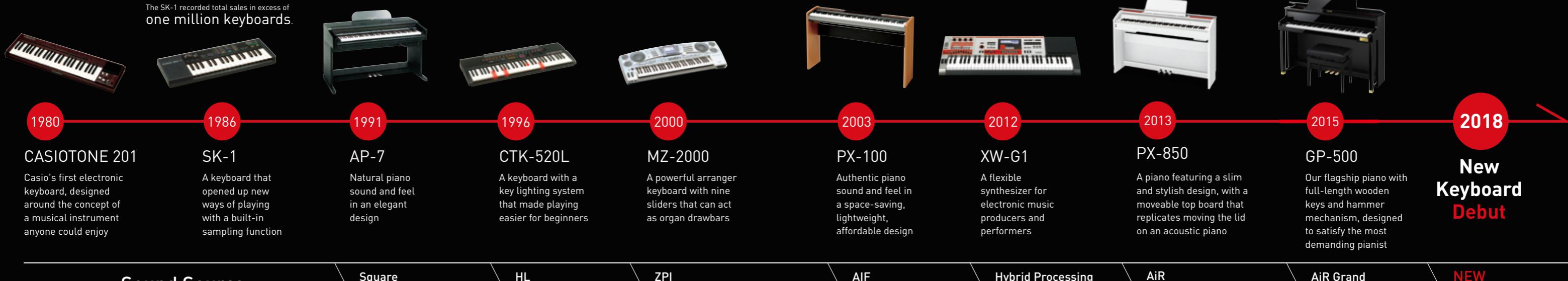
Casio wants as many people as possible to enjoy making music, and to share the joy of music with the world. We express these desires by saying "Go Beyond Sound." Combining 70+ years of technological innovation and expertise with creative thinking, Casio seeks to overturn conventional and established 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.



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.

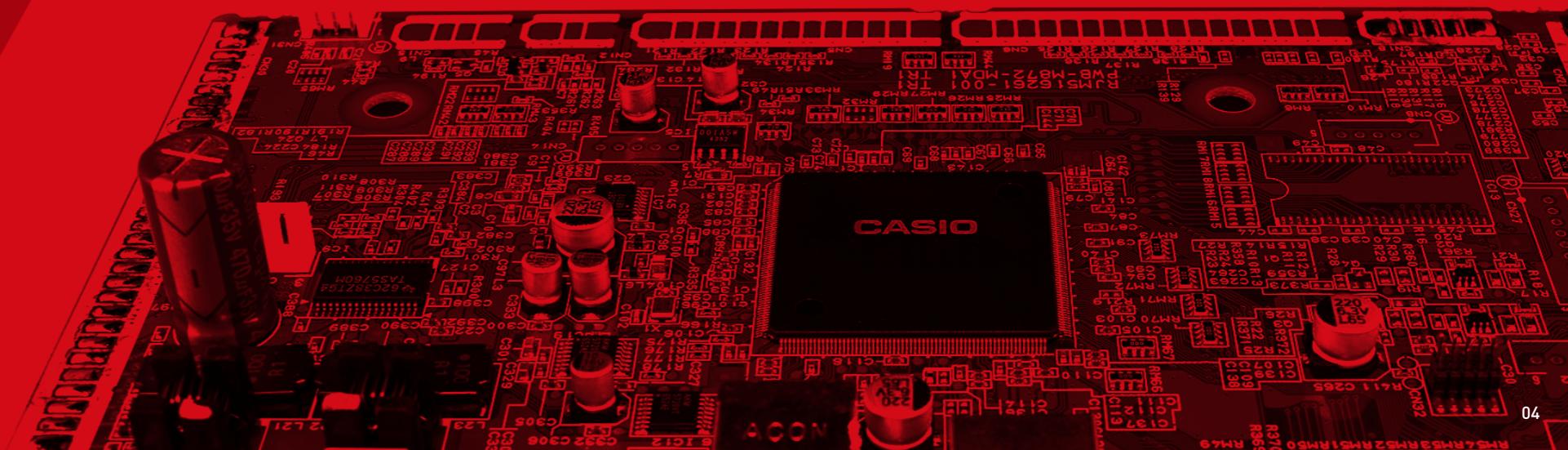
The AiR Sound Source used advanced technology to accurately convey the complex nuances of a grand piano, earning the trust of pianists by elevating the sound of digital pianos to a new level.

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



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

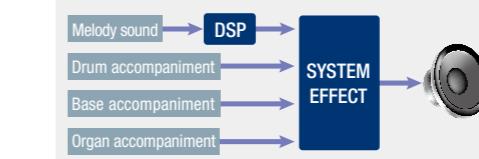
High-performance DSP effects and EQ driven by a powerful new processor

## Xpression

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.

Conventional



AiX



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.



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

# 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 • Pitch bend wheel • USB to HOST • USB to Device

## SPECIFICATIONS

Function	CT-X5000	CT-X3000	CT-X800	CT-X700
KEYBOARD	NUMBER OF KEYS 61 TOUCH RESPONSE 3 types, off TOUCH ON / OFF BUTTON —	NUMBER OF KEYS 61 TOUCH RESPONSE 3 types, off TOUCH ON / OFF BUTTON —	NUMBER OF KEYS 61 TOUCH RESPONSE 3 types, off TOUCH ON / OFF BUTTON ●	NUMBER OF KEYS 61 TOUCH RESPONSE 3 types, off TOUCH ON / OFF BUTTON ●
TONE GENERATOR	TECHNOLOGY AIX POLYPHONY 64	TECHNOLOGY AIX POLYPHONY 64	TECHNOLOGY AIX POLYPHONY 48	TECHNOLOGY AIX POLYPHONY 48
LCD	SIZE 108 x 38 mm TYPE Character BACKLIGHT ● (White)	SIZE 108 x 38 mm TYPE Character BACKLIGHT ● (White)	SIZE 108 x 38 mm TYPE Character BACKLIGHT ● (White)	SIZE 108 x 38 mm TYPE Character BACKLIGHT ● (White)
NUMERIC KEYPAD	●	●	●	●
TONES	NUMBER OF DIRECT SELECT 800 CATEGORY BUTTON ● PIANO BUTTON ● (Tones Direct Select) TONE EDIT ● USER TONES 100	NUMBER OF DIRECT SELECT 800 CATEGORY BUTTON — PIANO BUTTON — TONE EDIT ● USER TONES 100	NUMBER OF DIRECT SELECT 600 CATEGORY BUTTON — PIANO BUTTON ● TONE EDIT — USER TONES —	NUMBER OF DIRECT SELECT 600 CATEGORY BUTTON — PIANO BUTTON ● (White) TONE EDIT — USER TONES —
LAYER	LOWER1, LOWER2, UPPER1, UPPER2	LOWER1, LOWER2, UPPER1, UPPER2	LOWER, UPPER1, UPPER2	LOWER, UPPER1, UPPER2
PORTEAMENTO (BUTTON)	●	●	—	—
PANEL SUSTAIN	●	●	—	—
EFFECTS	SYSTEM REVERB 32 types SYSTEM CHORUS 16 types SYSTEM DELAY 20 types DSP 100 types VIRTUAL HALL / ULTRA WIDE Included in Reverb	SYSTEM REVERB 24 types SYSTEM CHORUS 12 types SYSTEM DELAY 15 types DSP 100 types VIRTUAL HALL / ULTRA WIDE Included in Reverb	SYSTEM REVERB 20 types SYSTEM CHORUS 10 types SYSTEM DELAY ● (Preset to tones) DSP ● (Preset to tones) VIRTUAL HALL / ULTRA WIDE Included in Reverb	SYSTEM REVERB 20 types SYSTEM CHORUS 10 types SYSTEM DELAY ● (Preset to tones) DSP ● (Preset to tones) VIRTUAL HALL / ULTRA WIDE Included in Reverb
RHYTHMS	MASTER EQ 10 types + 1 User 235 NUMBER OF DIRECT SELECT 6 x 2 RHYTHM VARIATION 4 TAP BUTTON with AUTO START ● SYNCHRO STOP ● YAMAHA'S FINGERING ● ONE TOUCH PRESET ● AUTO HARMONIZE ● RHYTHM EDIT ● (Pattern Sequencer) USER RHYTHMS 100	MASTER EQ 10 types 235 NUMBER OF DIRECT SELECT — RHYTHM VARIATION 4 TAP BUTTON with AUTO START ● SYNCHRO STOP ● YAMAHA'S FINGERING ● ONE TOUCH PRESET ● AUTO HARMONIZE ● RHYTHM EDIT ● (Pattern Sequencer) USER RHYTHMS 50	MASTER EQ 10 types 195 NUMBER OF DIRECT SELECT — RHYTHM VARIATION 2 TAP BUTTON with AUTO START ● SYNCHRO STOP ● YAMAHA'S FINGERING ● ONE TOUCH PRESET ● AUTO HARMONIZE ● RHYTHM EDIT — USER RHYTHMS 10	MASTER EQ 10 types 195 NUMBER OF DIRECT SELECT — RHYTHM VARIATION 2 TAP BUTTON with AUTO START ● SYNCHRO STOP ● YAMAHA'S FINGERING ● ONE TOUCH PRESET ● AUTO HARMONIZE ● RHYTHM EDIT — USER RHYTHMS 10
METRONOME	●	●	●	●
ARPEGGIATOR	150 types	150 types	100 types	100 types
MUSIC PRESET	310 types	310 types	310 types	310 types
SONGS	LESSON FUNCTION ● USER SONGS ● (Direct Play from USB Flash)	LESSON FUNCTION ● USER SONGS ● (Direct Play from USB Flash)	LESSON FUNCTION ● USER SONGS ● (Direct Play from USB Flash)	LESSON FUNCTION ● USER SONGS 10
REGISTRATION	SET 8 sets x 16 banks LED ● FREEZE FUNCTION ● (Button) PEDAL SW ASSIGNABLE —	SET 8 sets x 16 banks LED — FREEZE FUNCTION ● (Button) PEDAL SW ASSIGNABLE —	SET 8 sets x 16 banks LED — FREEZE FUNCTION ● (Button) PEDAL SW ASSIGNABLE ●	SET 4 sets x 8 banks LED — FREEZE FUNCTION ● (Button) PEDAL SW ASSIGNABLE ●
CHORD BOOK	—	—	●	●
MIXER	42 parts	42 parts	—	—
TRANSPOSE	MASTER TRANSPOSE BUTTON ● (Up/Down)	MASTER TRANSPOSE BUTTON ● (Up/Down)	—	—
TUNING	●	●	●	●
OCTAVE SHIFT	● (Up/Down)	● (Up/Down)	● (Up/Down)	● (Up/Down)
SCALE SETTING	PRESET 17 FINE TUNE ●	PRESET 17 FINE TUNE ●	PRESET 17 FINE TUNE —	PRESET 17 FINE TUNE —
MIDI RECORDER	TRACKS 17 tracks SONGS 10	TRACKS 17 tracks SONGS 10	TRACKS 6 tracks SONGS 5	TRACKS 6 tracks SONGS 5
MEMORY CAPACITY	40,000 notes (for each song)	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 EDIT FUNCTION ●	USER PHRASES 100 EDIT FUNCTION ●	USER PHRASES 100 EDIT FUNCTION —	USER PHRASES — 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) AUDIO IN ● USB TO HOST ● USB TO DEVICE ●	PHONES / OUTPUT ● LINE OUT ● (R, L/MONO) MIC IN ● PEDAL 2 (Assignable second pedal) AUDIO IN ● USB TO HOST ● USB TO DEVICE ●	PHONES / OUTPUT ● LINE OUT ● (R, L/MONO) MIC IN ● PEDAL 2 (Assignable second pedal) AUDIO IN ● USB TO HOST ● USB TO DEVICE ●	PHONES / OUTPUT ● LINE OUT ● (R, L/MONO) MIC IN ● 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	RHYTHM / SONG
SPEAKERS	10 cm x 2 (Strengthen)	10 cm x 2 (Strengthen)	12 cm x 2	12 cm x 2
BASS REFLEX	●	●	—	—
ON / OFF	●	●	—	—
AMPLIFIERS	15W + 15W	6W + 6W	2.5W + 2.5W	2.5W + 2.5W
POWER SUPPLY	DC 24V	DC 12V	DC 9.5V	DC 9.5V
BATTERY	—	D type x 6	AA type x 6	AA type x 6
MUSIC STAND	● (Tablet Supported)	● (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	948 x 350 x 109 mm
WEIGHT	7.0 kg	6.9 kg	4.4 kg	4.3 kg

# CASIO®

Go Beyond Sound

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

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

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