





We love music. We live music.

Electronics maker CASIO uses its tremendous creative energy to develop innovative products for leisure, school and office. Products that thrill, encourage learning and make businesses run more smoothly. In short, products that enrich our lives and help society progress. The difference we can make in this way is both our calling and our motivation.

CASIO sees itself as a driving force in the industry, helping shape the flow of the market through revolutionary developments. In the area of music instruments, for example, CASIO has introduced advanced sound and functional properties into its introductory models, the kind of features that have previously been the exclusive domain of high-end product lines.

We know from our own experience that making music with an instrument brings a unique personal enrichment – a piece of “aural” quality of life and an expression of joy and creativity. Music is also a universal, emotional language that links us together and bridges generations and cultures throughout the world. We want to make this special experience available to as many people as possible – with high-quality, affordable brand-name instruments from CASIO.

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The best sound
has many facets

www.celviano.eu

For more than 20 years CASIO has given its heart and soul to the dream of piano playing. The ultimate goal: the perfect recreation of the infinite possibilities for music expression held within a real grand piano. Each new CELVIANO digital piano brings the sound one step closer to authentic, makes the feel more realistic, and the design even more elegant.

The action of the keys and liveliness of the instrument have achieved levels to satisfy even the greatest doubters. And then there is the wealth of modern playing.

05

The current CELVIANO series – AP-220, AP-420, AP-620 – reflects the state-of-the-art for production of high-end digital pianos: the newly developed sound source – Linear Morphing AiF – offers the entire spectrum of authentic grand piano tones from Pianissimo to Fortissimo without abrupt changes to the sound during the transitions. The touch and note replay behavior for the scaled hammer action keyboards has been improved. The new “Tri-Sensor” concept makes even the most complex and demanding playing techniques possible. **Developing virtuosos. Virtuoso playing.**



In the beginning there was sound

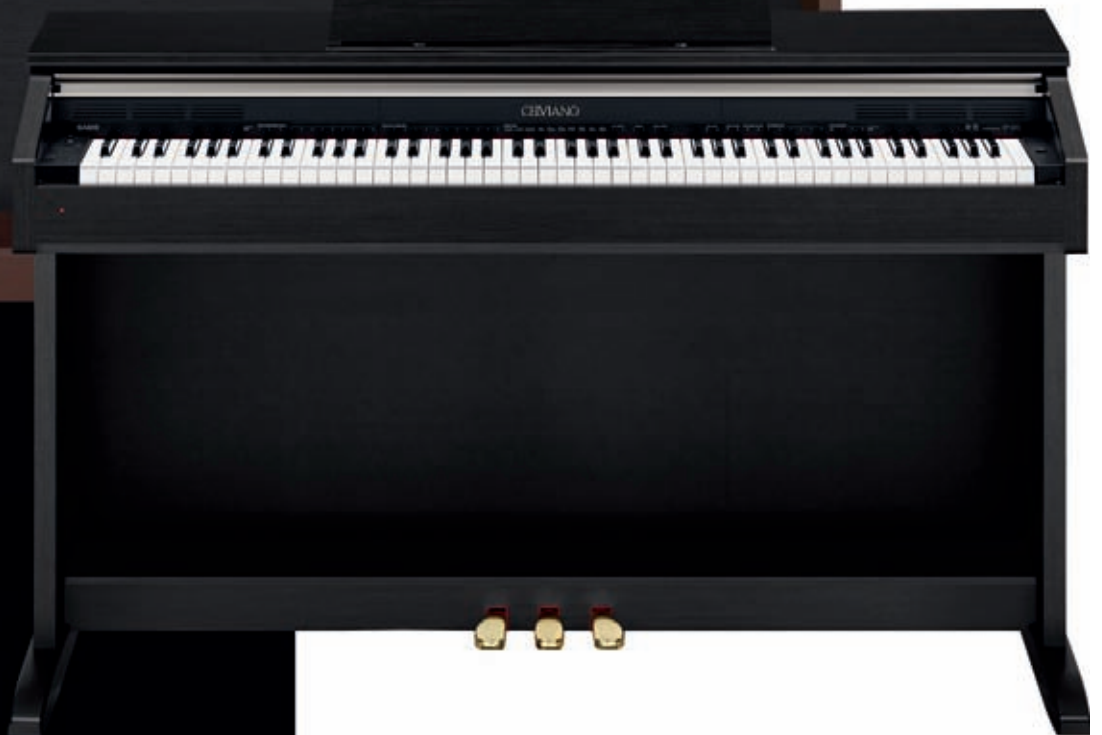
Making the jump into the CELVIANO world has never been so full of expression and liveliness. The AP-220's advanced sampling technologies lend its 16 convincing AiF tones the finest nuances, while the scaled hammer action keyboard possesses three sensors to measure even the finest keystroke movement. Yet we lavished just as much attention to the instrument's stylish design as we did to its luxurious sound characteristics.

CASIO®

AP-220BN (brown)



AP-220BK (black)



AP-220

07

CELVIANO

- new Linear Morphing AiF sound source
- new 3-sensor hammer action
- new 2 x 8 watt speaker system
- 16 tones
- USB terminal



CELVIANO

08

From Pianissimo to Fortissimo

The AP-420 brings together authentic piano sound with an extremely realistic touch, supplemented with a wealth of modern functions like an SD memory card slot and Line out. That makes the CELVIANO the perfect learning instrument for piano students ready to bring their skills to a broader public (2 x 20 watt speakers). The elegant front console also lends the instrument a fine visual look.

AP-420BK (black)



AP-420BN (brown)

AP-420

09

- new Linear Morphing AiF sound source
- new 3-sensor hammer action
- Keyboard with matted "Ivory Touch" surface
- new 2 x 20 watt speaker system
- 16 tones
- USB terminal, SD memory card slot, Line out



CELVIANO

10

Welcome to the top

Brilliant sound, premium workmanship, outstanding design – these are the hallmarks of the top models in the CELVIANO series. The AP-620 offers musicians extensive auto accompaniment options, yet even simple piano pieces turn into something special. Hear the difference for yourself! Additional features of this modern high-end piano: Registration presets, 16 track sequencer and a rhythm editor. The deep love for detail also resonates in the ivory look and feel of the keyboard.



AP-620BK (black)

AP-620

11



- new Linear Morphing AiF sound source
- new 3-sensor hammer action
- Keyboard with matted "Ivory Touch" surface
- new 2 x 30 watt speaker system
- 250 tones/180 rhythms
- USB terminal, SD memory card slot, Line out

Perfect sound takes form

You'll be astonished at the wealth of sounds produced by the compact, stylish digital pianos in the **PRIVIA series**. Close your eyes and you'll believe you're sitting at a concert grand, even while you're playing a light, portable instrument featuring a modern design concept.

The latest generation of PRIVIA instruments once again takes cues for its sound and keyboard concept from the best – that is, from a grand piano. When it comes to design, though, it definitely follows the beat of its own drummer. The innovative design transforms the beauty of the classical piano into today's modern residential environments. The cultures of music and the home are combined harmoniously.

The new Linear Morphing AiF sound source is unprecedented in the compact digital piano class. That means that the complex stereo samples for the new generation of PRIVIA now offer four instead of three dynamic levels, with extremely fine resolution of transitions. The spectrum from piano to forte can now be played across all interim stages without any distortion. The key action has also been made more natural. Three sensors provide a finely tuned measurement of key movement, allowing for repeated playing of a note without having to return the key completely to the unweighted position.

Also the CASIO **CDP models** boast top notch sound and keyboard properties. Both models feature high quality 48-note AHL sound generation as well as scaled hammer action keyboards. In addition they sport many time-tested and innovative features known from the other CASIO instrument series. To sum it up: high brand quality at an astonishingly reasonable price.



CASIO®



GDP-120



PX-735WE (white)

PRIVIA Technology – make mu

AiF sound source – Brilliant sound and incredible power in expression

A very special highlight at the heart of the instruments is the AiF sound source technology with Linear Morphing:



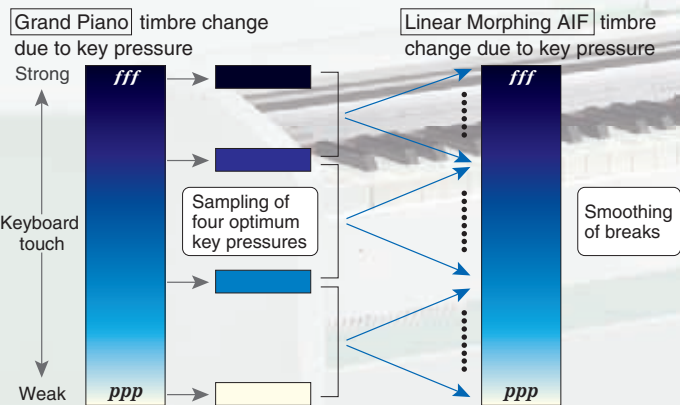
The innovative AiF tones produce a first-class sound that is perfectly suited to classical piano pieces as well as other genres. Complex stereo recordings from a top-quality grand piano (samples) with four dynamic levels provide

a truly authentic sound and allow you to play across a range of dynamics from pianissimo to fortissimo without any tonal distortion or audible leaps. Just like a high-quality acoustic instrument.

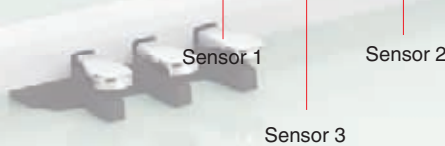
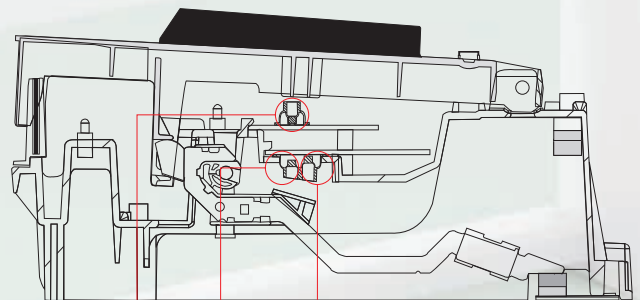


Tri-sensor hammer action – The latest technology meets traditional piano feeling

The scaled hammer-action keyboard with 88 touch-sensitive, weighted keys is based on the keyboard of a grand piano and provides an authentic playing experience. There are also three sensors instead of the conventional two – this enables key movements to be measured precisely. A note can be pressed more than once without the key having to return completely to its starting position. The “tri-sensor” design enables even the most sophisticated of playing techniques to be achieved.



The AiF stereo piano samples are impressive on many levels: Even when listening through headphones, you can recognise a clearly defined overtone spectrum, excellent dynamic graduation and an element of warmth that will delight beginners and more advanced players alike.



Music with heart and passion

Easy to play – Light, compact and portable

Just imagine if Mozart had been able to fit his piano under his arm and play using a set of headphones ... anytime, anywhere ... He would probably have been able to compose and perform much, much more.

The fullness of sound that unfolds from the compact and stylish digital pianos is amazing! You could almost believe that you are sitting at a grand piano – while in actual fact it is a light, portable instrument with a modern design. In comparison to the acoustic piano, however, it has a whole host of benefits: PRIVIA digital pianos are compact and never need to be tuned; the volume is adjustable; there are two headphone connections and a host of convenient functions.

With all these impressive features, it is almost impossible to believe that the PRIVIA models weigh in at between just 11 kg and 34 kg. And thanks to their compact size, they can be quickly and easily stored away in the smallest of apartments. Indeed, anyone who assumes them to be budget pianos, even from a technical point of view, is mistaken.

Design – A modern interpretation of the piano's beauty

Bigger on the inside than it is on the outside: With the PRIVIA models, CASIO presents a range of externally compact and light digital pianos that dwarf even the largest models with their impressive range of features. As far as the sound and keyboard concept are concerned, PRIVIA digital pianos are based on the best – the grand piano – but in terms of outward design, it chooses to do its own thing. The minimalistic, stylish and modern design is a striking point of contrast to the extraordinary range of sounds.



PX-135

NEW

- new Linear Morphing AiF sound source
- new hammer action with 3 sensors
- new speaker system (2 x 8 watt)
- 18 tones
- USB terminal

Privia



PX-135WE (white)

PX-135BK (black)

Images show optional accessoires (stand CS-67BK/WE, 3 pedals SP-32).

Full sound in black or white

An expressive sound and a keyboard that captures repeated keystrokes so finely that even quick passages sound absolutely convincing – the PRIVIA PX-135 motivates its players to hone their skills to the finest. This introductory model to the PRIVIA series weighs only 11.2 kg (without stand), making it easy to transport, yet also requires only a few steps to mount onto its classy looking piano stand (optional) – your toughest decision will be between the jet black or pure white versions.

CASIO®



PX-330BK (black)

PX-330

- new Linear Morphing AiF sound source
- new 3-sensor hammer action
- LCD, SD memory card slot, registration memory (set ups)
- 250 tones/180 rhythms
- USB, Standard Midi, Line in/out, Pitch Bend Wheel

Images show optional accessoires (stand CS-67BK, 3 pedals SP-32).

Privia

Successful Appearance

The PRIVIA PX-330 combines the properties that musicians treasure up on the stage or in the studio: 250 outstanding tones (including GM sounds), 180 stirring rhythms, 8 excellent digital effects and a wide range of connectivity options, including stereo line in and line out. As an extra bonus there is a 16 track sequencer for recording your own compositions.





PX-735BK (black)

Plenty of room for inspiration

A fine instrument, full of sound. The PRIVIA PX-735 is notable for its integrated piano stand and high-quality metal 3-pedal unit, yet will turn heads for its surround sound that emanates out quite naturally in all three dimensions. Experience this extraordinary wealth of sound for yourself and dive into your own individual playing. And once your session is done, one simple push closes the keyboard cover. A sensitive instrument down to the last detail.

CASIO®

PX-735BN (brown)



PX-735WE (white)

PX-735

NEW

19

Privia

- new Linear Morphing AiF sound source
- new 3-sensor hammer action
- new 2 x 8 watt speaker system
- 18 tones
- USB terminal



Pure piano pleasure presumed

The PRIMA PX-830 is focused on pure piano playing. That starts with the refined matt keys (ivory touch) with a pleasing playing action. The hammer and repeating action on the keys is just as luxurious as the 128-tone AiF sound source with Linear Morphing for dynamic sound behavior. The minimalist design provides a perfect counterpoint to the extraordinary wealth of sound.

CASIO®



PX-830BK (black)



PX-830

21

Privia

- new Linear Morphing AiF sound source
- new 3-sensor hammer action
- new 2 x 20 watt speaker system
- 16 tones
- USB terminal, Line out



CDP-120

Image shows optional accessoires (stand CS-44P).

Play and play back

Play and feel good: The CDP-120 and CDP-220R models in the COMPACT series offer future piano fans the key characteristics of a brand-name instrument. That ranges from impressive piano sound in AHL quality to weighted hammer action keys and striking digital effects. The CDP-220R also provides an expanded range of rhythm and accompaniment functions, including an impressive 700 tones.



CDP-220R

Image shows optional accessoires (stand CS-44P).

CDP-120 **NEW**

- AHL sound source
- Hammer action
- 2 x 8 watt speaker system
- 5 tones
- USB terminal

CDP-220R **NEW**

- AHL sound source
- Hammer action
- 2 x 8 watt speaker system
- 700 tones/200 rhythms
- USB terminal, SD memory card slot
- Piano/organ button

Digital pianos_Specifications

Everything you need to know ... and much more

Model		AP-220BK AP-220BN	AP-420BK AP-420BN	AP-620BK	PX-135BK PX-135WE
Keyboard	Number of Keys	88	88	88 (Ivory Touch)	88
	Key Action	"Tri-sensor" Scaled Hammer Action	"Tri-sensor" Scaled Hammer Action	"Tri-sensor" Scaled Hammer Action	"Tri-sensor" Scaled Hammer Action
Touch Response		3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off
Polyphony (maximum)		128	128	128	128
Tones		16 built-in tones: Grand Piano (Modern, Classic, Variation), Elec Piano, FM E. Piano, 60's E. Piano, Harpichord, Vibraphone, Pipe Organ, Jazz Organ, Elec Organ 1 & 2, Strings 1 & 2, Bass 1 & 2	16 built-in tones: Grand Piano (Modern, Classic, Variation), Elec Piano, FM E. Piano, 60's E. Piano, Harpichord, Vibraphone, Pipe Organ, Jazz Organ, Elec Organ 1 & 2, Strings 1 & 2, Bass 1 & 2	250 built-in tones: 6 Grand Piano (Modern) tones, 6 Grand Piano (Classic) tones, 9 Elec Piano tones, 6 Vibes/ Clavi tones, 13 Organ tones, 15 Strings/Synthpad tones, 17 Bass/Guitar tones, 36 Various tones, 128 GM tones, 14 drum sets	18 built-in tones: Grand Piano (Modern, Classic, Variation, Mellow, Bright), Elec Piano, FM E. Piano, 60's E. Piano, Harpichord, Vibraphone, Pipe Organ, Jazz Organ, Elec Organ 1 & 2, Strings 1 & 2, Bass 1 & 2
Sound Source		Linear Morphing AiF	Linear Morphing AiF	Linear Morphing AiF	Linear Morphing AiF
Stereo-sampled Piano Tone		Yes	Yes	Yes	Yes
Layer/Split		Yes	Yes	Yes	Yes
Digital Effects		Reverb (4 types), Chorus (4 types), Brilliance, DSP	Reverb (4 types), Chorus (4 types), Brilliance, DSP	Reverb (4 types), Chorus (4 types), Brilliance, DSP	Reverb (4 types), Chorus (4 types), Brilliance, DSP
Acoustic Resonance System		Yes	Yes	Yes	Yes
Rhythms (Auto-accompaniment)		–	–	180 (Preset) und 10 (User)	–
Tunes		60 Music Library tunes	60 Music Library tunes	60 Music Library tunes	60 Music Library tunes
Demo Songs		–	–	8	–
Song Expansion (User Tune)		1 Tune (up to approx. 65 KB)	1 Tune (up to approx. 65 KB)	up to 10 Tunes (approx. 320 KB per tune)	1 Tune (up to approx. 65 KB)
Lesson function	Part ON/OFF	Part ON/OFF	Part ON/OFF	Part ON/OFF	Part ON/OFF
	Lesson part	right hand, left hand	right hand, left hand	right hand, left hand	right hand, left hand
Duet Mode		Yes	Yes	Yes	Yes
Metronome		0, 2, 3, 4, 5, 6 beats; tempo range: 20 bis 255	0, 2, 3, 4, 5, 6 beats; tempo range: 20 bis 255	0, 2, 3, 4, 5, 6 beats; tempo range: 20 bis 255	0, 2, 3, 4, 5, 6 beats; Tempobereich: 20 bis 255
Recorder (Song Memory)		2 tracks, 1 song, approximately 5,000 notes	2 tracks, 1 song, approximately 5,000 notes	17 tracks (1 system track + 16 solo tracks), 5 songs, up to 10,000 notes per Song, Punch-in/Punch-out recording	2 tracks, 1 song, approximately 5,000 notes
Pedals		3 pedals (damper/soft/sostenuto)	3 pedals (damper/soft/sostenuto)	3 pedals (damper/soft/sostenuto)	Included SP-3 x 1 (terminal x 1) Optional SP-32: 3 pedals (damper/soft/sostenuto)
Half-pedal Operation (damper)		–	Yes	Yes	Yes (with optional SP-32 3-pedal unit)
Key Transpose		25 steps (–12/+12 semitones)	25 steps (–12/+12 semitones)	25 steps (–12/+12 semitones)	25 steps (–12/+12 semitones)
Tuning Control		A4=440Hz ±99 cent	A4=440Hz ±99 cent	A4=440Hz ±99 cent	A4=440Hz ±99 cent
Display		–	–	Yes (full-dot LCD with backlight)	–
SD Memory Card Slot		–	Yes*	Yes*	–
MIDI		Yes	Yes	Yes (GM Level 1 compatible)	Yes
Other Functions and Features		GRAND PIANO Buttons (Modern, Classic) ELEC PIANO Button Selectable Temperament Octave Shift Operation Lock Slide-type Keyboard Cover	GRAND PIANO Buttons (Modern, Classic) ELEC PIANO Button Selectable Temperament Octave Shift Operation Lock Slide-type Keyboard Cover	Rhythm Editor (10 user rhythms) Registration: Total 96 set-ups (12 presets x 8 banks), Music Presets (incl. chord progressions): 300 presets and 50 user areas, One Touch preset: 180 presets, GRAND PIANO Buttons (Modern, Classic), ELEC PIANO Button, 4 Rhythm Selector Buttons, Auto Harmonize, Stretch Tune (ON/OFF), Selectable Temperament, Octave Shift, Operation Lock, Slide-type Keyboard Cover	GRAND PIANO Buttons (Modern, Classic, Mellow) Selectable Temperament Octave Shift Operation Lock
Terminals	Headphones	2 (stereo standard, matched output)	2 (stereo standard, matched output)	2 (stereo standard, matched output)	2 (stereo standard, matched output)
	Pedal	–	–	–	1 (damper)
	Connector for 3-pedal Unit	–	–	–	Yes
	Line OUT	–	2 (L/MONO, R; standard)	2 (L/MONO, R; standard)	–
	Line IN	–	–	2 (L/MONO, R; standard)	–
	USB (To Host)/MIDI	Yes	Yes	Yes	Yes
	MIDI	–	–	IN/OUT	–
Speakers	Other	–	–	–	–
	Size	12 cm x 2	12 cm x 2,5 cm x 2	16 cm x 2,5 cm x 2	13 cm/6 cm x 2
	Amplifier	8 W + 8 W	20 W + 20 W	30 W + 30 W	8 W + 8 W
4 speakers/ 2-way system		–	Yes	Yes	–
Size (W x D x H)		1,395 x 432 x 835 mm	1,395 x 427 x 835 mm	1,412 x 492 x 900 mm	1,322 x 286 x 135 mm
With stand		1,395 x 432 x 835 mm	1,395 x 427 x 835 mm	1,412 x 492 x 900 mm	1,322 x 286 x 759 mm
Weight		37.5 kg	40.0 kg	57.1 kg	11.2 kg
With stand		37.5 kg	40.0 kg	57.1 kg	21.2 kg
Accessories		AC Adaptor, Score Book, Music Stand	AC Adaptor, Score Book, Headphones Hook	Score Book, Music Stand, Headphones Hook	Pedal (SP-3), AC Adaptor, Score Book, Music Stand
Stand		included	included	included	optional CS-67PBK/CS-67PWE

* up to 1 GB, ** up to 32 GB (SDHC compatible)

PX-330BK	PX-735BK/BN/WE	PX-830BK	CDP-120	CDP-220R
88	88	88	88	88
"Tri-sensor" Scaled Hammer Action	"Tri-sensor" Scaled Hammer Action	"Tri-sensor" Scaled Hammer Action	Scaled Hammer Action	Scaled Hammer Action
3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off
128	128	128	48	48
250 built-in tones: 6 Grand Piano (Modern) tones, 6 Grand Piano (Classic) tones, 9 Elec Piano tones, 6 Vibes/ Clavi tones, 13 Organ tones, 15 Strings/Synthpad tones, 17 Bass/Guitar tones, 36 Various tones, 128 GM tones, 14 drum sets	18 built-in tones: Grand Piano (Modern, Classic, Variation, Mellow, Bright), Elec Piano, FM E. Piano, 60's E. Piano, Harpsichord, Vibraphone, Pipe Organ, Jazz Organ, Elec Organ 1 & 2, Strings 1 & 2, Bass 1 & 2	16 built-in tones: Grand Piano (Modern, Classic, Variation), Elec Piano, FM E. Piano, 60's E. Piano, Harpsichord, Vibraphone, Pipe Organ, Jazz Organ, Elec Organ 1 & 2, Strings 1 & 2, Bass 1 & 2	5 built-in tones: Grand Piano 1, Grand Piano 2, Elec Piano, Harpsichord, Strings	700 built-in tones
Linear Morphing AiF	Linear Morphing AiF	Linear Morphing AiF	AHL	AHL
Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Layer only	Yes
Reverb (4 types), Chorus (4 types), Brilliance, DSP	Reverb (4 types), Chorus (4 types), Brilliance, DSP	Reverb (4 types), Chorus (4 types), Brilliance, DSP	Reverb (10 types), Chorus (5 types)	Reverb (10 types), Chorus (5 types)
Yes	Yes	Yes	-	-
180 (Preset) and 10 (User)	-	-	-	200 (Preset) and 10 (User)
-	60 Music Library tunes	60 Music Library tunes	-	152 tunes (incl. 50 Exercise Phrases)
8	-	-	5	-
up to 10 Tunes (approx. 320 KB per tune)	1 Tune (up to approx. 65 KB)	1 Tune (up to approx. 65 KB)	-	up to 10 tunes (approx. 320 KB total)
Part ON/OFF	Part ON/OFF	Part ON/OFF	-	Step Up Lesson
right hand, left hand	right hand, left hand	right hand, left hand	-	right hand, left hand, both hands
Yes	Yes	Yes	-	-
0, 2, 3, 4, 5, 6 beats; tempo range: 20 bis 255	0, 2, 3, 4, 5, 6 beats; tempo range: 20 bis 255	0, 2, 3, 4, 5, 6 beats; tempo range: 20 bis 255	-	0, 2, 3, 4, 5, 6 beats; tempo range: 20 bis 255
17 tracks (1 system track + 16 solo tracks), 5 songs, up to 10,000 notes per Song, Punch-in/Punch-out recording	2 tracks, 1 song, approximately 5,000 notes	2 tracks, 1 song, approximately 5,000 notes	-	6 tracks, 5 songs, 1 lesson song, up to 12,000 notes total
Included SP-3 x 1 (terminal x 2) Optional SP-32: 3 pedals (damper/soft/sostenuto)	3 pedals (damper/soft/sostenuto)	3 pedals (damper/soft/sostenuto)	Included SP-3 x 1 (terminal x 1)	Included SP-3 x 1 (terminal x 1)
Yes (with optional SP-32 3-pedal unit)	Yes	Yes	-	-
25 steps (-12/+12 semitones)	25 steps (-12/+12 semitones)	25 steps (-12/+12 semitones)	12 steps (-6/+5 semitones)	25 steps (-12/+12 semitones)
A4=440Hz ±99 cent	A4=440Hz ±99 cent	A4=440Hz ±99 cent	A4=440Hz ±100 cent	A4=440Hz ±50 cent
Yes (full-dot LCD with backlight)	-	-	-	Yes (full-dot LCD with backlight)
Yes*	-	Yes*	-	Yes**
Yes (GM Level 1 compatible)	Yes	Yes	Yes	Yes (GM Level 1 compatible)
Rhythm Editor (10 user rhythms), Registration: Total 96 set-ups (12 presets x 8 banks), Music Preset (incl. chord progressions): 300 presets and 50 user areas, One Touch preset: 180 presets, GRAND PIANO Buttons (Modern, Classic), ELEC PIANO Button, Auto Harmonize, Stretch Tune (ON/OFF), Selectable Temperament, Octave Shift, Operation Lock, 4 Rhythm Selector Buttons, Pitch Bend Wheel	GRAND PIANO Buttons (Modern, Classic, Mellow) Selectable Temperament Octave Shift Operation Lock Slide-type Keyboard Cover	GRAND PIANO Buttons (Modern, Classic), ELEC PIANO Button Selectable Temperament Octave Shift Operation Lock Slide-type Keyboard Cover	-	Rhythm Editor (10 User Rhythms), Registration: Total 32 set-ups (4 presets x 8 banks), Music preset: 305 presets, One Touch preset: 200 presets, Auto Harmonize, Arpeggiator, Scale Editor (preset scales: 16, User: 4) Sampling function: up to 8 sounds (including 3 drum sets), 10-seconds max. sampling time, Music Challenge Octave Shift, Pitch Bend Wheel, Chord Book, Piano/organ button
2 (stereo standard, matched output)	2 (stereo standard)	2 (stereo standard)	1 (stereo mini, matched output)	1 (stereo standard, matched output)
2 (damper/soft/sostenuto)	-	-	1 (sustain/assignable)	1 (sustain/assignable)
Yes	-	-	-	-
2 (L/MONO, R; standard)	-	2 (L/MONO, R; standard)	-	-
2 (L/MONO, R; standard)	-	-	-	-
Yes	Yes	Yes	Yes	Yes
IN/OUT	-	-	-	-
-	-	-	-	Audio IN (stereo mini), Mic IN
13 cm/6 cm x 2.5 cm x 2	12 cm x 2	12 cm x 2	12 cm/6 cm (oval) x 2	12 cm/6 cm (oval) x 2
8 W + 8 W	8 W + 8 W	20 W + 20 W	8 W + 8 W	8 W + 8 W
Yes	-	-	-	-
1,322 x 286 x 135 mm	1,374 x 298 x 792 mm	1,371 x 275 x 762 mm (keyboard cover closed) 1,371 x 363 x 893 mm (keyboard cover open)	1,322 x 286 x 129 mm	1,322 x 286 x 129 mm
1,322 x 286 x 759 mm	1,374 x 298 x 792 mm	1,371 x 275 x 762 mm/ 1,371 x 363 x 893 mm	1,322 x 373 x 753 mm	1,322 x 373 x 753 mm
11.6 kg	30.6 kg	33.5 kg	11.4 kg	12.0 kg
21.6 kg	30.6 kg	33.5 kg	19.3 kg	19.9 kg
Pedal (SP-3), AC Adaptor, Music Stand	AC Adaptor, Score Book, Music Stand	AC Adaptor, Score Book, Music Stand	Pedal (SP-3), AC Adaptor, Music Stand	Pedal (SP-3), AC Adaptor, Score Book, Music Stand
optional CS-67PBK	included	included	optional CS-44P	optional CS-44P

Electronic Musical Instruments
_KEYBOARDS 2011_2012

CASIO®



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Life's Joys, Plugged in

HIGH GRADE Series

With everything you need to ensure freedom to create, the current High Grade Series offers a user-friendly experimentation field for sound design and song recording. A wealth of tones, rhythms, and programming and editing functions, including recording options, ensures this series is a dream come true for all technophile keyboard enthusiasts.

ORIENTAL Series

The new Oriental Series keyboards will bring authentic worlds of sound to life, whether you wish to play traditional Arab folk music or modern Turkish pop. High-quality samples of the main oriental instruments, accompaniment functions with oriental rhythms and an oriental scale function open up a 1001 possibilities for musicians to explore their musical roots.

STANDARD Series

Something new to discover, experience and learn every day. High-quality teaching functions and initial expansion options make the Standard line of keyboards from CASIO perfect guides into the fascinating world of keyboards. CASIO's famous wealth of functions only increases the joy of discovering how many musical options are available.

LIGHTING KEYS Series

CASIO Lighted Key technology is perfect for achieving real success in self-teaching situations. Just like traditional instrumental instruction, the rehearsal pieces are broken down into individual movements which are then learned in stages. 03

The pedagogically tested lighted key system has consistently earned top marks – as a motivating learning concept for the home or as a supporting tool in instruction.

MINI Series

CASIO has completely re-worked its Mini Series to enable the little ones to actively experience music from an early age. The upgraded range includes a new sound source, a feature which is always quite exceptional in this market segment. The sound quality and fixtures are outstanding and these colourful playmates are also ideal for music education for young children due to their tones and rhythm.



CTK-6000



Power Adapter included.

Uncompromisingly creative

This is an ideal creative keyboard for anyone who wishes to collect their initial experiences in composing, arranging and editing. Thanks to its easy operation, it can be started almost instantly. Newly created rhythms, for instance, can also be saved using the SD memory card slot or the internal user memory card.

- 61 piano-style keys
- 670 tones/200 rhythms
- 100 DSP effects, auto-harmonize, arpeggiator
- Tone and rhythm editor
- 16-track sequencer

WK-6500



Power Adapter included.

Achieving the desired sound

With the WK-6500, the sound you desire can easily become a reality. This keyboard supports 100 DSP effects and 100 user patterns for your own DSP variations plus 50 organ tones which can be modulated using nine drawbars. Press a button to activate 150 different arpeggiator types. You can also produce and save 100 of your own user tones, while 96 recording memories allow you to conveniently save settings.

- 76 piano-style keys
- 670 tones/200 rhythms
- 100 DSP effects, auto-harmonize, arpeggiator
- Tone and rhythm editor
- 16-track sequencer

CTK-7000



Power Adapter included.

Recording in progress

Capacity for all types of recordings is one of the highlights of the top model in the CTK Series. The MIDI sequencer records 16 tracks plus a system track, enabling songs and accompaniments to be saved directly as an audio file to an SD or SDHC card. Signals from a connected microphone or another instrument can also be recorded.

- 61 piano-style keys
- 800 tones/250 rhythms
- 100 DSP effects, auto-harmonize, arpeggiator
- Drawbar organ with rotary effect
- Tone and rhythm editor
- 16-track sequencer
- Direct audio recording on SD card

WK-7500



Power Adapter included.

Unrestricted music creation

The WK-7500 offers almost inexhaustible scope for composition with creative sound editing and refinement. This top-of-the-range model in the High Grade Series is an allrounder featuring a pattern sequencer, rhythm editor, song sequencer, DSP effects, a tone editor, a 32-channel mixer and an arpeggiator. The faders for the mixer function and the drawbars form the real icing on the cake for this sound and rhythm machine.

- 76 piano-style keys
- 800 tones/250 rhythms
- 100 DSP effects, auto-harmonize, arpeggiator
- Drawbar organ with rotary effect
- Tone and rhythm editor
- 16-track sequencer
- Direct Audio recording on SD card

Effects/Sound Creation: Create your own sounds using the tone edit feature. You can edit many parameters such as attack, release, delay, cut off and vibrato as well as the integrated, high-quality effects section. This section includes 10 reverb and delay effects, 5 chorus effects and 100 DSP effects (delay, phaser, flanger, wah-wah, rotary speaker and many others). You can then store these new creations in 100 storage locations.

Song Sequencer for Complete Recordings: 16 tracks plus one system track are available for the recording of up to 5 songs. Each song can be (approximately) 30,000 notes in length. Each instrument can be recorded onto its own track, and you can synchronise exactly with the auto accompaniment using the punch-in and punch-out feature (WK-7500 and CTK-7000 only). Perfect your recordings with the selection of edit functions, including event insert, event copy and event delete. The quantisation function means perfect timing for every performance. You can also record note by note, including the note length with the step recording function, then store and archive your finished recordings as standard MIDI files on an SD memory card.



Pitch Bend/Modulation: A pitch bend wheel is included on all the new CASIO High Grade keyboards. This features adds realistic pitch bend to guitar, saxophone and synth sounds, to name just a few. The modulation button adds vibrato effects instantly.

Dynamic Touch Keys: The touch response keys offer the player complete musical expression instantly. Like a piano, the volume changes depending on how hard each key is struck. The piano-shaped keys further enhance the playing experience.

SD Memory Cards: Extend the instrument's memory with standard SD or SDHC memory cards of up to 32 GB. Store your musical creations from the song sequencer, pattern sequencer, sound creator and MIDI or audio recordings (WK-7500 and CTK-7000) for future use.

Variable Drawbar Organ: The organ sound is very popular – almost a cult. There are 50 fixed organ presets instantly available, and you can create your own drawbar sounds using the 9 sliders (WK-7500 and CTK-7000). Add in the percussion and the rotor effects, and you have the full range of this legendary sound in your hands.

32-Channel Mixer: The internal mixer allows detailed parameter changes across the 16 tracks for instruments, including the rhythm tracks, and 16 tracks for the sequencer. You can change volume, panorama position, reverb send and further parameters separately for each channel.

Rhythm Editor: Combine and edit elements from different rhythms (normal, variation, fill-in, intro and ending). For example, you can change the bass phrase or the drum sounds. There are 10 user memory places available for your individual rhythm editing. (WK-6500 und CTK-6000)

High-Quality Sound System: The 2-way bass reflex system provides a full and brilliant stereo sound across a broad frequency spectrum.

Arpeggiator: 150 different arpeggios are available. The arpeggios are triggered by the player's harmony input, adding to the performance. This feature can enhance all styles of music, but is particularly useful for today's modern dance styles.



Pattern Sequencer: Create your own accompaniment styles with the pattern sequencer, which allows you to edit a part of the rhythm or all elements. Additionally, you can edit the selected sound, the volume and the reverb. Patterns can contain up to 8 tracks and you can store up to 100 user patterns in the memory. (WK-7500 und CTK-7000)

Music Presets: Sounds, rhythms, tempo, DSP settings – in fact all panel settings – can be stored in detail on 96 memory places (16 bank with 6 presets) and easily selected. This is a very useful feature, particularly when performing on stage.

Audio Recording: The audio recorder is a great new feature! You can record a human voice (using a microphone) or another real instrument into the keyboard and then play it together with your recordings in the song sequencer. (WK-7500 und CTK-7000)



Oriental Tuning: The pitch shifting in quarter notes is an important characteristic of oriental music. The CASIO Oriental Keyboard makes this possible, simply by pushing a button. You can use the oriental tuning during your live playing, and for your compositions. And also you can activate the oriental tuning for the rhythms.

With 54 special original sounds you hear the whole range of oriental music. Many instruments are available, like e.g. Oud, Du, Arabic Strings, Baglama, Bouzouki. Additional you can store your own sound variations on the 100 user storage locations.

83 rhythms from traditional to modern let become alive the whole world of oriental music. More than 32 traditional Arabic and 24 Oriental rhythms and variations, as well as many Oriental Pop rhythms are available.

AT-3



Power Adapter included.

East meets West

At last, there is a keyboard which can reproduce Turkish and Arabic sounds faithfully. 54 of the 800 tones have an oriental style and reproduce the sound of typical oriental instruments. The keyboard also features 83 authentic rhythms, ranging from traditional to the latest beats.

- 61 piano-style keys
- 800 tones/250 rhythms
- 100 DSP effects, auto-harmonize, arpeggiator
- Tone editor
- 16-track sequencer

AT-5



Power Adapter included.

1001 possibilities

Different scale patterns can be selected and fine-tuned in quarter tone increments using the oriental scale setting with its memory function. The Arabic scale is authentically reproduced. Together with the many oriental sounds and rhythms, it enables musicians to submerge themselves in Middle Eastern styles.

- 76 piano-style keys
- 800 tones/250 rhythms
- 100 DSP effects, auto-harmonize, arpeggiator
- Tone editor
- 16-track sequencer

Keyboards_Standard Series

FUNCTIONS STANDARD SERIES

AUDIO IN: Connecting a music player to the AUDIO IN jack causes the audio from the player to be output through the keyboard's speakers. Of course, you can play along with the audio, which means you can enjoy jamming with your favourite artists. It's a great way to liven up a party or any other type of social gathering. **all new models of the Standard Series**

REGISTRATION: A simple operation saves the current setup, including tone, rhythm, and other settings for instant recall when you need them. You even can save tones to which effector effects are being applied. Recalling a registration instantly changes the digital keyboard's setup. Registration (memory) simplifies performances of complex pieces that require successive tone and rhythm changes. The following is the list of data that is saved to a registration memory setup.



- Tone numbers (main, layer, split) • Octave shift • Chorus (on, off, type) • Rhythm number • Arpeggiator setting (on, off, type)
- Layer (on, off) • Tempo • Auto Harmonize • Reverb (on, off, type) • Splitt (on, off) and more ... **CTK-4200, WK-220, LK-280**

CHORD BOOK: You can use the Chord Book to look up chords you do not know how to play. You can hear what a chord sounds like and a simple operation even shows you inverted forms of the chord, making the Chord Book a valuable reference. **CTK-4200, WK-220, LK-280**

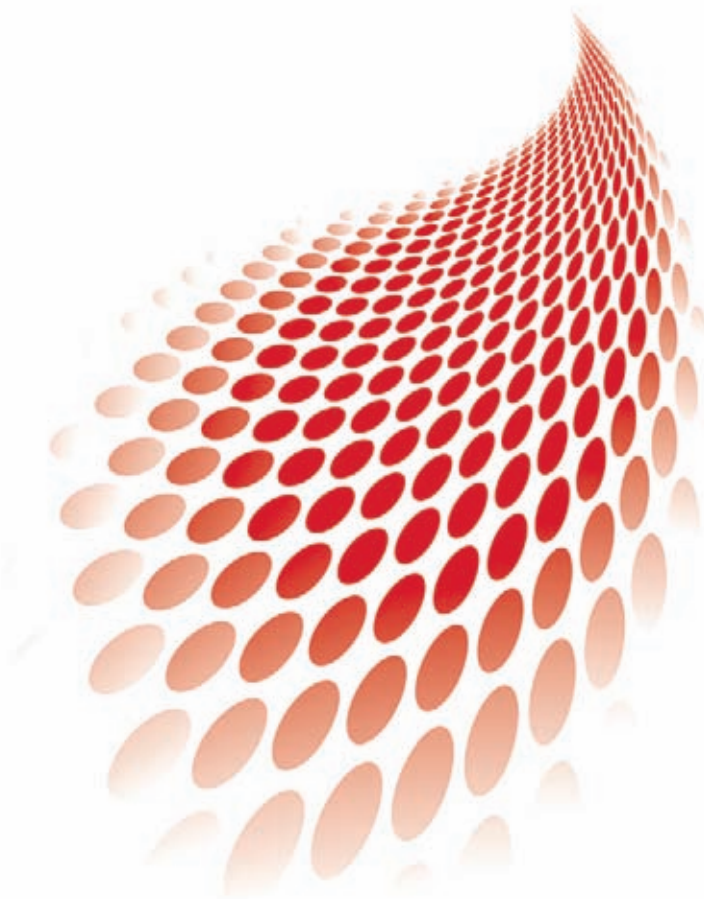


Root note Chord type Chord notes Notation of Chord of chord

ARPEGGIATOR/AUTO HARMONIZE: With the arpeggiator, you can play various arpeggios and other phrases automatically by simply pressing keys on the keyboard. Both arpeggio and stroke play are available for guitar, which provides you with a wide range of versatility. An Auto Harmonize feature adds harmony to melody notes you play with your right hand to add greater depth to your melodies. **CTK-4200, WK-220, LK-280**

MUSIC PRESETS: Selecting a Music Preset instantly changes the keyboard setup (tone, rhythm, tempo, etc.) so it is ideal for playing a specific song. The selection of setups covers a wide range of musical genres. **CTK-4200, WK-220, LK-280**

PIANO/ORGAN BUTTON: A press of the Piano/organ button instantly toggles between a piano tone and an organ tone, and optimizes the keyboard setup accordingly. **CTK-4200, WK-220, LK-280**



SAMPLING FUNCTION: You can sample a sound from a portable audio player, a microphone, or other device, and then play the sound on the keyboard. You also can use sampled sounds to compose music. The sampling feature is a great way to create new sounds that are highly creative.



Sampling with a Microphone: Use a microphone connected to the keyboard's MIC IN/Sampling jack to sample the sounds of things nearby.

Sampling with a Portable Audio Player: Start playback of the portable audio player connected to the keyboard's AUDIO IN jack to sample voices, musical phrases, and other sounds in the playback.

Playing Sampled Sounds on the Keyboard: You can play notes on the keyboard using sounds you sample. You even can add repeat, tremelo, and other effects to the sampled sound.

Use a Sampled Sound as a Rhythm Pattern Drum Sound: You can use sampled sounds from your daily life or even your own voice as a substitute for drum set sounds in the keyboard's built-in rhythm patterns. Possibilities are limitless!

STEP UP LESSON: all new models of the Standard Series

RECORDER: CTK-4200, WK-220, LK-280

CTK-240



A fave for music class

With its 49 standard keys, the CTK-240 is the ideal starting instrument for all beginners. 100 tones, 100 rhythms and 50 songs lend themselves to instructive, yet fun music lessons.

- 49 standard keys
- 12-notes polyphony (max)
- 100 tones/100 rhythms
- 50 rehearsal songs
- LC display

CTK-1100



Slim and black

With its 61 keys, 100 tones, 100 rhythms and 100 songs, the CTK-1100 offers ambitious beginners a wide variety of attractive options for delving into the world of music. No fooling around – beginners will really learn how to play. The CTK-1100 incorporates a motivating lesson system to ensure effective key training.

- 61 standard keys
- 100 tones/100 rhythms
- 100 rehearsal songs
- LC display
- Lesson system

CTK-2200

NEW



Power Adapter included.

For a musical trip around the world

The versatile cosmos of sound in the CTK-2200 can be heard through its 400 dynamic tones and 150 rousing rhythms – from rock and pop to world music.

- 61 piano-style keys
- 400 AHL tones/150 rhythms
- Sampling function incl. 5 Voice Pads
- Lesson system
- USB & audio input

Keyboards_

Standard Series

- 61 piano-style keys
- 400 AHL tones/150 rhythms
- Pitch Bend Controller
- Sampling function
incl. 5 Voice Pads
- Lesson system
- USB & audio input

- 61 piano-style keys
- 600 AHL tones/180 rhythms
- Sampling function
- Lesson system
- USB & Audio input
- chord book
- Piano/organ button

12

- 76 piano-style keys
- 600 AHL tones/180 rhythms
- Sampling function, chord book
- Registration presets
- USB, Audio in, Mic in
- Piano/organ button

CTK-3200

NEW



Power Adapter included.

Awakening the joy in playing

The CTK-3200 offers everything a new keyboardist needs. 61 Touch Response keys awaken the joys of lively playing. The ideal instrument for music students excited to learn more.

CTK-4200

NEW



Power Adapter included.

Welcome to the Mount Olympus of Music

The CTK-4200 will put you on the trail of legendary songs. Over 300 "Music Presets" offer practical configurations for parameters like rhythm, tone, tempo, effects, etc for your favorite songs.

WK-220

NEW



Power Adapter included.

Bringing all-round talents into harmony

For players with a broad musical horizon, the WK-220 offers a huge selection of tones and rhythms spanning across all styles of music.

Striking a chord with talent

CASIO is seeking to promote the development of children and young people's musical talent and bring them into contact with music in an inspiring way. This initiative begins by furthering children's natural inclination towards music at an early age and then leads to special talent competitions such as "Kids2Keys" in Germany which offer budding keyboard talents a fitting arena to showcase their great potential. CASIO is active as a supporter and sponsor in many areas of this project.

Children and young people need good, low-priced instruments to ensure they are able to fulfil their dream of creating music. CASIO offers a comprehensive selection of high-quality school instruments for keyboard lessons in schools and music schools.



Keyboards_

Lighting Keys/Mini Series

- 61 lighted piano-style keys
- 100 tones/50 rhythms
- 100 rehearsal songs
- LC display
- Lesson system with lighted keys

- 61 lighted piano-style keys
- 400 AHL tones/150 rhythms
- Sampling function
incl. 5 Voice Pads
- Lesson system with lighted keys
- USB, Audio in, Mic in

- 61 lighted piano-style keys
- 600 AHL tones/
180 rhythms
- Sampling function, chord book
- Lesson system with lighted keys
- USB, Audio in, Mic in
- Memory card slot
- Piano/organ button



LK-120



Old favourites

The LK-120 is the upgraded version of old favourites, the LK-100 and LK-110, which have guided many an eager student through the learning process with their 61 lighted keys. Split into three levels, the system allows you to learn how to play keyboards at your own pace.



LK-240



Power Adapter included.

Step by step to learning success

The LK-240 offers even beginning keyboardists access to CASIO's innovative Step-Up lesson system. The sampling function is another source of fun: recordings of up to one second can be played back using the keyboard.



LK-280



Power Adapter included.

Discovering the magic of the music

The LK-280 puts children and young people on the road to the magic of music. The range of function includes lighted keys to offer students the maximum support possible.

SA-46/ SA-47



Come play with me

The SA-46 (green casing base) and the SA-47 (grey casing base) feature 32 mini-keys and include 100 tones, 50 rhythms and 10 integrated songs. The new LC display indicates that serious playmates are at work here and wish to become a permanent fixture in the playroom.

SA-76/SA-77/SA-78



For creative playrooms

With their 44 keys, the SA-76 (orange casing base), the SA-77 (grey casing base) and the SA-78 (pink casing base) provide all budding musicians with the essentials for playing their first tunes. 100 tones, 50 rhythms and 10 integrated songs provide the creative ingredients for tomorrow's keyboard talents. A large setting dial also enables users to choose between different piano, organ and reed organ sounds.



Keyboards_Specifications High Grade Series

Model	WK-7500	WK-6500	CTK-7000	CTK-6000
Keyboard	76 piano-style keys		61 piano-style keys	
Touch Response	2 sensitivity levels, Off			
Sound Source	AHL (Tri-element)	AHL (Dual-element)	AHL (Tri-element)	AHL (Dual-element)
Polyphony (maximum)	64	48	64	48
Built-in Tones	800 (incl. 50 Drawbar Organ tones)	670	800 (incl. 50 Drawbar Organ tones)	670
Stereo Sampled Piano Tones	Yes			
User Tones	100 (Tone Editor) + 50 (Drawbar Organ)	10 (Tone Editor)	100 (Tone Editor) + 50 (Drawbar Organ)	10 (Tone Editor)
Drawbar Organ Function	9 drawbars (16', 5 1/3', 8', 4', 2 2/3', 2', 1 1/3', 1')		9 drawbars (16', 5 1/3', 8', 4', 2 2/3', 2', 1 1/3', 1')	
Preset Drawbar Organ Tones	50 (Included in 800 built-in tones)		50 (Included in 800 built-in tones)	
User Drawbar Organ Tones	50		50	
Percussion	Second / Third		Second / Third	
Click	On / Off		On / Off	
Rotary Effect	Fast / Slow (Uses DSP)		Fast / Slow (Uses DSP)	
Digital Effects	10 types			
Reverb	5 types (Simultaneous use with DSP not supported.)			
Chorus	100 preset, 100 user (Simultaneous use with Chorus not supported)			
DSP				
Built-in Rhythms	250	200	250	200
Ethnic Rhythms (Latin / Other)	106 (39 / 67)	85 (34 / 51)	106 (39 / 67)	85 (34 / 51)
For Piano Play	20		20	
User Rhythms	100 (Pattern Sequencer)		100 (Pattern Sequencer)	
Auto Accompaniment	CASIO chord, Fingered 1, Fingered 2 (6th off), Fingered 3 (on bass), Full Range Chord			
Controllers	Start/Stop, Intro, Normal/Fill-in, Variation/Fill-in, Synchro/Ending (Accompaniment volume adjustable)			
Pattern Sequencer	Real-time recording, step recording, quantize, Easy Edit, Event Editor, part parameters (100 user rhythms)	–	Real-time recording, step recording, quantize, Easy Edit, Event Editor, part parameters (100 user rhythms)	–
Rhythm editor	–	Yes (10 user rhythms)	–	Yes (10 user rhythms)
Song Sequencer	Real-time recording (Easy Rec, Multi-track Rec), step recording, song edit, track edit, event edit (delete, copy, insert, quantize), punch-in/out	Real-time recording (Easy Rec, Multi-track Rec), step recording, song edit, track edit, event edit (delete, copy, insert, quantize)	Real-time recording (Easy Rec, Multi-track Rec), step recording, song edit, track edit, event edit (delete, copy, insert, quantize), punch-in/out	Real-time recording (Easy Rec, Multi-track Rec), step recording, song edit, track edit, event edit (delete, copy, insert, quantize)
User Song	5 songs, 17 tracks per song (1 system track + 16 multi tracks)			
Approximate Capacity	30,000 notes (5 songs total)	12,000 notes (5 songs total)	30,000 notes (5 songs total)	12,000 notes (5 songs total)
Song Controller	Play/Stop, Fast Forward, Fast Backward, Pause, Repeat (Song volume adjustable)			
Metronome	0, 2, 3, 4, 5, 6 beats			
Tempo Range	♩ = 30 to 255 per minute (Tempo adjustable by tapping beat)			
Audio Recording / Playback	Keyboard play, keyboard play with Auto Accompaniment and with Music Pre-set, Song Sequencer playback, sound input from EXT IN (INST IN, MIC IN)	–	Keyboard play, keyboard play with Auto Accompaniment and with Music Pre-set, Song Sequencer playback, sound input from EXT IN (INST IN, MIC IN)	–
Recording Capacity	Up to 5 audio files (maximum recording time: approximately 13 minutes for a single audio file)	–	Up to 5 audio files (maximum recording time: approximately 13 minutes for a single audio file)	–
Requirement	SD or SDHC memory card, 2 GB to 32 GB	–	SD or SDHC memory card, 2 GB to 32 GB	–
Mixer	32 channels + EXT IN (INST IN, MIC IN), 9-slider operation	32 channels + EXT IN (MIC IN)	32 channels + EXT IN (INST IN, MIC IN), 9-slider operation	32 Channels
Registration	6 sets x 16 banks (96 setups)	4 sets x 8 banks (32 setups)	6 sets x 16 banks (96 setups)	4 sets x 8 banks (32 setups)
Music Presets	305 presets with chord progression, chord edit			
User Presets	100	50	100	50
One Touch Preset	250	200	250	200
Auto Harmonize	12 types			
Arpeggiator	150 types			
Scale Tuning	Equal temperament + 16 preset scales, Scale Fine Tune			
Octave Shift	±2 octaves			
Layer	Yes			
Split	Yes (variable split point)			
Key Transpose	±1 octave (-12 to +12 semitones)			
Tuning Control	A4 = 415.5 - 440.0 - 456.9Hz			
Pitch Bend Wheel	Pitch bend range: 0 to 12 semitones			
Modulation Button	Yes	–	Yes	–
Sliders	9	–	9	–
Dial	Yes			
Display	LCD with backlight			
MIDI¹	16 channel multi-timbre received, GM Level 1 standard ¹			
SD Memory Card Slot	SD or SDHC memory card, 2 GB to 32 GB	SD or SDHC memory card, up to 32 GB	SD or SDHC memory card, 2 GB to 32 GB	SD or SDHC memory card, up to 32 GB
Functions	SMF playback (up to 320 KB per file), file storage, file recall, file delete, card format			
Save/Load	Registration setups, user rhythms, user tones, user drawbar organ tones, user DSPs, user music presets, song sequencer, audio recording files	Registration setups, user rhythms, user tones, user DSPs, user music presets, song sequencer	Registration setups, user rhythms, user tones, user drawbar organ tones, user DSPs, user music presets, song sequencer, audio recording files	Registration setups, user rhythms, user tones, user DSPs, user music presets, song sequencer
Terminals	Yes *2			
USB² (MIDI)	Yes (Stereo standard jack)			
PHONES	Yes (L/MONO, R for each; Standard jack)			
LINE OUT	Yes (Mono standard Jack)			
INST IN	Yes (Mono standard Jack)	–	Yes (Mono standard Jack)	–
MIC IN	(Mono standard Jack)		–	
AUDIO IN	(Stereo mini jack)			
SUSTAIN/ASSIGNABLE	(Standard jack)			
DC IN	(12 V)			
Speakers	12 cm x 2 + 3 cm x 2			
Size	12 cm x 2 + 3 cm x 2			
Bass-reflex System	Yes			
Speaker ON / OFF	Yes	–	Yes	–
Amplifier	7 W + 7 W	6 W + 6 W	7 W + 7 W	6 W + 6 W
Power	Batteries: D size x 6 / AC Adaptor: AD-A12150LW			
Size (W x D x H)	1,187 x 399 x 149 mm		945 x 378 x 132 mm	
Weight	8.9 kg	7.9 kg	6.8 kg	5.8 kg
Accessories	AC adaptor (AD-A12150LW), music stand			
Optional Accessories	Pedal SP-20, SP-3			

¹ These products are not equipped with MIDI terminals. MIDI communication between the product and a computer is performed using the USB port.

² Supported operating systems: Windows® XP Home Edition (SP2 or later), Windows® XP Professional (SP2 or later), Windows Vista® (32 bit), Windows 7® (32 bit, 64 bit), Mac OS® X (10.3.9, 10.4.11 or later; 10.5.8 or later; 10.6.3 or later)

A USB cable is not included with this product. To connect this product to a computer, use a commercially available A-B type USB cable. Displays shown in this catalog are photographic images. Designs and specifications are subject to change without notice.

Model	AT-5	AT-3
Keyboard	76 piano-style keys	61 piano-style keys
Touch Response	2 sensitivity levels, Off	
Sound Source	AHL (Tri-Element)	
Polyphony (maximum)	64	
Built-in Tones	800 (incl. 54 Oriental tones)	
Stereo Sampled Piano Tones	Yes	
User Tones	100 (Tone Editor)	
Digital Effects	10 types	
Reverb	5 types (Simultaneous use with DSP not supported.)	
Chorus	100 preset, 100 user (Simultaneous use with Chorus not supported)	
DSP	250	
Built-in Rhythms	83 (24 / 32 / 27)	
Oriental / Arabic Rhythms (Oriental / Arabic / Other)	35 (incl. 15 Ballad rhythms)	
For Piano Play	100 (Pattern Sequencer)	
User Rhythms	100 (Pattern Sequencer)	
Auto Accompaniment	CASIO Chord, Fingered 1, Fingered 2 (6th off), Fingered 3 (on bass), Full Range Chord	
Controllers	Start/Stop, Intro, Normal/Fill-in, Variation/Fill-in, Synchro/Ending (Accompaniment volume adjustable)	
Pattern Sequencer	Real-time recording, step-recording, quantize, Easy Edit, Event Editor, part parameters (100 user rhythms)	
Song Sequencer	Real-time recording (Easy Rec, Multi-track Rec), step recording, song edit, track edit, event edit (delete, copy, insert, quantize), punch-in/out	
User Song	5 songs, 17 tracks per song (1 system track + 16 multi tracks)	
Approximate Capacity	30,000 notes (5 songs total)	
Demonstration Songs	5	
Song Controller	Play/Stop, Fast Forward, Fast Backward, Pause, Repeat (Song volume adjustable)	
Metronome	0, 2, 3, 4, 5, 6 beats	
Tempo Range	♩ = 30 to 255 per minute (Tempo adjustable by tapping beat)	
Audio Recording/ Playback	Keyboard play, keyboard play with Auto Accompaniment and with Music Preset, Song Sequencer playback, sound input from EXT IN (INST IN, MIC IN)	
Recording Source	Up to 5 audio files (maximum recording time: approximately 13 minutes for a single audio file)	
Recording Capacity	SD or SDHC memory card, 2 GB to 32 GB	
Requirement	32 channels + EXT IN (INST IN, MIC IN)	
Mixer	6 sets × 16 banks (96 setups)	
Registration	305 preset with chord progression, chord edit	
Music Preset	100	
User Presets	250	
One Touch Preset	12 types	
Auto Harmonize	150 types	
Arpeggiator	Scale Fine Tune ±99 Cent, 17 Preset Scales, 4 Scale Memory	
Oriental Scale	±2 octaves	
Octave Shift	Yes	
Layer	Yes (variable split point)	
Split	±1 octave (-12 to +12 semitones)	
Key Transpose	A4 = 415.5 - 440.0 - 465.9 Hz	
Tuning control	Pitch bend range: 0 to 24 semitones	
Pitch Bend Wheel	Yes	
Modulation Button	Yes	
Dial	LCD with backlight	
Display	16 channel multi-timbre, GM Level 1 standard ^{*1}	
MIDI^{*1}	SD or SDHC memory card, 2 GB to 32 GB	
SD Memory Card Slot	Supported Memory Card	
Functions	SMF playback (up to 320 KB per file), file storage, file recall, file delete, card format	
Save/Load	Registration setups, user rhythms, user tones, user DSPs, user music presets, song sequencer, audio recording files	
Terminals	Yes ^{*2}	
USB^{*2} (MIDI)	Yes (Stereo standard jack)	
PHONES	Yes (L/MONO, R; standard jack)	
LINE OUT	Yes (Mono standard jack)	
INST IN	Yes (Mono standard jack)	
MIC IN	Yes (Stereo mini jack)	
AUDIO IN	Yes (Standard jack)	
SUSTAIN/ASSIGNABLE	Yes (12V)	
DC IN	12 cm × 2 + 3 cm × 2	
Speakers	Yes	
Size	Yes	
Bass-reflex System	7 W + 7 W	
Speaker ON / OFF	Batteries: 6 x D size / AC adaptor: AD-A12150LW	
Amplifier	1,187 x 399 x 149 mm	
Power	945 x 378 x 132 mm	
Size (W x D x H)	8.9 kg	
Weight	6.8 kg	
Accessoires	AC adaptor (AD-A12150LW), music stand	
Optional Accessoires	Pedal SP-20, SP-3	

DSP Type List

Number	DSP Typ Name	Screen Name	Number	DSP Typ Name	Screen Name
01	Wah	Wah	24	Compressor-Chorus	CmpCho
02	Compressor	Cmp	25	Compressor-Flanger	CmpFln
03	Distortion	Dist	26	Compressor-Reflection	CmpRef
04	Enhancer	Enhance	27	Compressor-Tremolo	CmpTrm
05	AutoPan	AutoPan	28	Distortion-Wah	DistWah
06	Tremolo	Tremolo	29	Distortion-Compressor	DistCmp
07	Phaser	Phaser	30	Distortion-Chorus	DistCho
08	Flanger	Flanger	31	Distortion-Flanger	DistFln
09	Chorus	Chorus	32	Distortion-Reflection	DistRef
10	Delay	Delay	33	Distortion-Tremolo	DistTrm
11	Reflection	Reflect	34	Distortion-AutoPan	DistPan
12	Rotary	Rotary	35	Chorus-Reflection	ChoRef
13	RingModulator	RingMod	36	Chorus-AutoPan	ChoPan
14	Lo-Fi	Lo-Fi	37	Flanger-Reflection	FlnRef
15	Wah-Compressor	WahCmp	38	Flanger-AutoPan	FlnPan
16	Wah-Distortion	WahDsc	39	Reflection-Distortion	RefDsc
17	Wah-Chorus	WahCho	40	Reflection-Chorus	RefCho
18	Wah-Flanger	WahFln	41	Reflection-AutoPan	RefPan
19	Wah-Reflection	WahRef	42	Tremolo-Distortion	TrmDsc
20	Wah-Tremolo	WahTrm	43	Tremolo-Chorus	TrmCho
21	Wah-AutoPan	WahPan	44	Tremolo-Flanger	TrmFln
22	Compressor-Wah	CmpWah	45	Tremolo-Reflection	TrmRef
23	Compressor-Distortion	CmpDsc	46		

Tone List

Arabic

Number	Tone Name
01	QUD 1
02	QUD 2
03	QUD 3
04	QUD 4
05	QANUN 1
06	QANUN 2
07	QANUN 3
08	SAZ
09	ELEC. SAZ
10	NAY 1
11	NAY 2
12	KAWALA 1
13	KAWALA 2
14	MIZMAR 1
15	MIZMAR 2
16	KAMAN 1
17	KAMAN 2
18	ARABIC STRINGS 1
19	ARABIC STRINGS 2
20	ARABIC STRINGS 3
21	ARABIC STRINGS 4
22	ARABIC ORGAN 1
23	ARABIC ORGAN 2
24	ARABIC ORGAN 3
25	DARBUKA
26	BENDIR
27	RIG

Oriental

Number	Tone Name
01	UD 1
02	UD 2
03	UD 3
04	BAGLAMA 1
05	BAGLAMA 2
06	BAGLAMA 3
07	BAGLAMA 4
08	BAGLAMA 5
09	BAGLAMA 6
10	ELEC. BAGLAMA 1
11	ELEC. BAGLAMA 2
12	ELEC. BAGLAMA 3
13	ELEC. BAGLAMA 4
14	BOUZOUKI 1
15	BOUZOUKI 2
16	BOUZOUKI 3
17	KANUN 1
18	KANUN 2
19	SANTUR
20	KEMENCHE 1
21	KEMENCHE 2
22	NEY 1
23	NEY 2
24	ZURNA 1
25	ZURNA 2
26	TURKISH CLARINET 1
27	TURKISH CLARINET 2

Rhythm List

Arabic

Number	Rhythm Name
01	SAIDI
02	MAKSOU
03	MALFOUF
04	AYOUB
05	KATAKOFTI
06	KARACHI
07	BALADI
08	KHALIJI
09	SAUDI
10	FALLAHI
11	ZAFFA
12	WEHDA KABIRA
13	WEHDA
14	SOMBATI
15	MASMOUDI KABIR
16	LAFF 1
17	LAFF 2
18	JERK
19	RHUMBA-MASARI
20	FOX
21	VALSE
22	10/8 SAMAI
23	SAIDI MODERN
24	KARACHI MODERN
25	LAFF MODERN
26	DOSARY
27	IRADI
28	SHARH
29	ADANI
30	BANDARI
31	RENG
32	6/8 MODERN

Oriental

Number	Rhythm Name
01	2/4 GYUN HAVASI
02	ARAP ORYANTAL
03	VAHDE
04	ORIENTAL 1
05	ORIENTAL 2
06	CIFTTELLI
07	3/4 TSM
08	5/4 CLASSIC
09	5/8 CLASSIC
10	6/8 AZERI
11	KARDENIZ
12	7/8 RUMELI
13	9/8 GYUN HAVASI
14	9/8 ROMAN
15	9/8 CLASSIC
16	KARSILAMA 1
17	HALAY
18	MISKET
19	KARSILAMA 2
20	ANADOLU
21	MUS
22	KARSILAMA 3
23	HASAPIKO
24	SIRTAKI

Variation

Number	Rhythm Name
01	ARABIC POP
02	TURKISH POP 1
03	TURKISH POP 2
04	ELECTRIC MALFOUF
05	ELECTRIC AYOUB
06	ELECTRIC BALADI
07	ELECTRIC KHALIJI
08	ELECTRIC FALLAHI
09	ELECTRIC FOX
10	ELECTRIC ADANI
11	ELECTRIC 2/4 GYUN HAVASI
12	ELECTRIC 9/8 GYUN HAVASI
13	BALADI-MAKSOU
14	BALADI-MALFOUF
15	BALADI-AYOUB
16	BALADI-KARACHI
17	JERK-MAKSOU
18	CLASSIC FOX-MALFOUF
19	CLASSIC 3/4
20	CLASSIC MALFOUF-10/8
21	CLASSIC WEHDA-MAKSOU
22	CLASSIC SAMAI
23	HAGALLA
24	SAMAI MIX
25	SAIDI MIX
26	CIFTTELLI MIX
27	KARSIRMAN

*1 These products are not equipped with MIDI terminals. MIDI communication between the product and a computer is performed using the USB port.
 *2 Supported operating systems: Windows® XP Home Edition (SP2 or later), Windows® XP Professional (SP2 or later, 32-bit), Windows Vista® (32 bit), Windows 7® (32 bit, 64 bit), Mac OS® X (10.3.9, 10.4.11 or later, 10.5.8 or later, 10.6.3 or later)

A USB cable is not included with this product. To connect this product to a computer, use a commercially available A-B type USB cable.

Displays shown in this catalog are photographic images. Designs and specifications are subject to change without notice.

Keyboards_Specifications Standard-, Lighting Key- and Mini Series

Model	CTK-240	CTK-1100	CTK-2200	CTK-3200	CTK-4200
Keyboard number of keys (Type)	49 (Full-size)	61 (Piano-Style)	61 (Piano-Style)	61 (Piano-Style)	61 (Piano-Style)
Touch Response	–	–	–	2 sensitivity levels, off	2 sensitivity levels, off
Key Lighting System	–	–	–	–	–
Polyphony (maximum)	12	12	48	48	48
Built-in Tones (Sound Source)	100	100	400 (AHL)	400 (AHL)	600 (AHL)
Stereo Piano Tones	–	–	Yes	Yes	Yes (Stereo-sampled)
Built-in Rhythms	100	100	150	150	180
Ethnic Rhythms (Latin/Misc)	–	–	55 (20/35)	55 (20/35)	87 (32/55)
For Piano Play	–	–	20	20	20
User Rhythms (Rhythm Editor)	–	–	–	–	10
Music Preset (presets)	–	–	–	–	305
Registration Setup (sets x banks)	–	–	–	–	32 (4 x 8)
One Touch Presets (presets)	–	–	150	150	180
Scale Function – Preset Scale	–	–	–	–	17
Scale Function – Scale Memory	–	–	–	–	–
Digital Effects	–	–	10 Reverbs	10 Reverbs	10 Reverbs, 5 Choruses
Sampling Function (max. sample capacity)	–	–	3 Sounds, 1 Second	3 Sounds, 1 Second	5 Sounds + 3 Drum sets, 10 seconds maximum sampling time
Sampling Sound Input	–	–	Audio In Jack	Audio In Jack	Audio In Jack
Built-in Tunes (Exercise Phrase)	50	100	110 (20)	110 (20)	152 (50)
Song Expansion (max. number of songs)	–	–	–	–	10
Approximate Memory Capacities	–	–	–	–	320 KB
Lesson Function	Melody off	Melody off	Step Up Lesson, Scoring System, Voice Fingering Guide	Step Up Lesson, Scoring System, Voice Fingering Guide	Step Up Lesson, Scoring System, Voice Fingering Guide
Lesson Part Select	–	–	Right hand, left hand, both hands	Right hand, left hand, both hands	Right hand, left hand, both hands
Recorder	–	–	–	–	6 tracks x 5 songs, 1 lesson song, approx. 12,000 notes
Metronome	–	–	Yes	Yes	Yes
Auto Harmonize	–	–	–	–	12 types
Arpeggiator	–	–	–	–	90 types
Layer/Split	–	–	–	–	Yes
Key Transpose/Tuning Control	Yes	Yes	Yes	Yes	Yes
Pitch Bend Wheel	–	–	–	Yes	–
Display (LCD)	Yes	Yes	Yes	Yes	Yes (with backlight)
General MIDI	–	–	Yes	Yes	Yes
SD Memory Card Slot	–	–	–	–	–
Other Functions and Features	–	–	5 Voice Pads	5 Voice Pads	Chord book, Piano/organ button
Terminals					
Headphones	Yes	Yes	Yes	Yes	Yes
Pedal (Sustain/Damper)	–	–	Yes	Yes	Yes
Audio IN Jack	–	–	Yes	Yes	Yes
Microphone Jack	–	–	–	–	–
USB Port (MIDI)	–	–	Yes	Yes	Yes
Speakers					
Size	10 cm x 2	10 cm x 2	10 cm x 2	10 cm x 2	12 cm x 2
Amplifier	1.6 W + 1.6 W	2 W + 2 W	2 W + 2 W	2 W + 2 W	2.5 W + 2.5 W
Power (Battery Type/Adapter Type)	AA x 6/AD-E95100	AA x 6/AD-E95100	AA x 6/AD-E95100	AA x 6/AD-E95100	D x 6/AD-E95100
Size (W x D x H, mm)	914 x 237 x 75	949 x 304 x 93	946 x 307 x 92	946 x 307 x 92	948 x 350 x 103
Weight (Kg)	2.8	3.3	3.4	3.5	4.3
Accessories (included)	Song Book, Music Stand	Song Book, Music Stand	Song Book, Music Stand, Power Adapter AD-E95100	Song Book, Music Stand, Power Adapter AD-E95100	Song Book, Music Stand, Power Adapter AD-E95100
Accessories (optional)	Power Adapter AD-E95100, Keyboard Stand MK1	Power Adapter AD-E95100, Keyboard Stand MK1	Sustain Pedal SP-3/SP-20, Keyboard Stand MK1	Sustain Pedal SP-3/SP-20, Keyboard Stand MK1	Sustain Pedal SP-3/SP-20, Keyboard Stand MK1

* up to 32 GB (SDHC compatible)

WK-220	LK-120	LK-240	LK-280	SA-46/SA-47	SA-76/SA-77/SA-78
76 (Piano-Style)	61 (Piano-Style)	61 (Piano-Style)	61 (Piano-Style)	32 (Mini-Size)	44 (Mini-Size)
2 sensitivity levels, off	–	2 sensitivity levels, off	2 sensitivity levels, off	–	–
–	Yes (on/off)	Yes (on/off)	Yes (on/off)	–	–
48	12	48	48	8	8
600 (AHL)	100	400 (AHL)	600 (AHL)	100	100
Yes (Stereo-sampled)	–	Yes	Yes (Stereo-sampled)	–	–
180	50	150	180	50	50
87 (32/55)	–	55 (20/35)	87 (32/55)	–	–
20	–	20	20	–	–
10	–	–	–	–	–
305	–	–	305	–	–
32 (4 x 8)	–	–	–	–	–
180	–	150	180	–	–
17	–	–	17	–	–
–	–	–	–	–	–
10 Reverbs, 5 Choruses	–	10 Reverbs	10 Reverbs, 5 Choruses	–	–
5 Sounds + 3 Drum sets, 10 seconds maximum sampling time	–	3 Sounds, 1 Second	5 Sounds + 3 Drum sets, 10 seconds maximum sampling time	–	–
Mic Jack, Audio In Jack	–	Mic Jack, Audio In Jack	Mic Jack, Audio In Jack	–	–
152 (50)	100	110 (20)	152 (50)	10	10
10	–	–	10	–	–
320 KB	–	–	320 KB	–	–
Step Up Lesson, Scoring System, Voice Fingering Guide	3-Step Lesson, Voice Fingering Guide	Step Up Lesson, Scoring System, Voice Fingering Guide	Step Up Lesson, Scoring System, Voice Fingering Guide	Melody off	Melody off
Right hand, left hand, both hands	Right hand, left hand	Right hand, left hand, both hands	Right hand, left hand, both hands	–	–
6 tracks x 5 songs, 1 lesson song, approx. 12,000 notes	–	–	6 tracks x 5 songs, 1 lesson song, approx. 12,000 notes	–	–
Yes	–	Yes	Yes	–	–
12 types	–	–	12 types	–	–
90 types	–	–	90 types	–	–
Yes	–	–	Yes	–	–
Yes	Yes	Yes	Yes	–/Yes	–/Yes
–	–	–	–	–	–
Yes (with backlight)	Yes	Yes	Yes	Yes	Yes
Yes	–	Yes	Yes	–	–
–	–	–	Yes*	–	–
Music Challenge, Chord book, Piano/organ button	–	5 Voice Pads	Chord book, Piano/organ button	5 Drumpads, One-touch switch for piano- and organ sound (SA-46) or for piano- and harmonium-/ organ sound (SA-47)	5 Drumpads, One-touch switch for piano- and organ sound (SA-76) or for piano- and harmonium-/ organ sound (SA-77, SA-78)
Yes	Yes	Yes	Yes	Yes	Yes
Yes	–	Yes	Yes	–	–
Yes	–	Yes	Yes	–	–
Yes	–	Yes	Yes	–	–
Yes	–	Yes	Yes	–	–
12 cm x 2	10 cm x 2	10 cm x 2	12 cm x 2	8 cm x 2	8 cm x 2
2.5 W + 2.5 W	2 W + 2 W	2 W + 2 W	2.5 W + 2.5 W	0.5 W + 0.5 W	0.8 W + 0.8 W
D x 6/AD-E95100	AA x 6/AD-E95100	AA x 6/AD-E95100	D x 6/AD-E95100	AA x 6/AD-E95100	AA x 6/AD-E95100
1,161 x 385 x 134	949 x 304 x 93	946 x 307 x 92	948 x 350 x 103	446 x 208 x 51	604 x 211 x 57
6.9	3.4	3.6	4.5	1.0	1.4
Song Book, Music Stand, Power Adapter AD-E95100	Song Book, Music Stand	Microphone, Song Book, Music Stand, Power Adapter AD-E95100	Microphone, Song Book, Music Stand, Power Adapter AD-E95100	–	–
Sustain Pedal SP-3/SP-20, Keyboard Stand MK1	Power Adapter AD-E95100, Keyboard Stand MK1	Sustain Pedal SP-3/SP-20, Keyboard Stand MK1	Sustain Pedal SP-3/SP-20, Keyboard Stand MK1,	Power Adapter AD-E95100	Power Adapter AD-E95100