

A black Roland KR-Intelligent Grand piano is shown from a low-angle perspective, looking up at the open lid. The interior of the lid is a light-colored wood with a red lining. The keyboard is visible at the bottom, and the control panel above it features a small screen and various buttons. The background is a dark, geometric pattern of light and dark gray triangles.

Roland®

Roland
KR-Intelligent Grand

KR117M, KR115M, KR115, KR111

Roland's amazing new KR-Intelligent Grand

It's the most advanced digital piano on the market, but with its clean, elegant lines and gorgeous polished finish, the KR grand looks like a classic acoustic piano. It has the touch and feel of an acoustic grand too, and the same soul-stirring sound. But inside you will find Roland's famous forward-thinking technology, breakthrough digital sound systems, cutting-edge software accompaniment and teaching systems, player piano technology with automatic keyboard movement mechanisms, and audio/visual syncing technology. There's never been a piano quite like this before.



KR117M

The first thing you'll notice about this piano is its beauty

The KR117M is a feast for the eyes, with its elegant styling, refined finish, and graceful grand-piano profile. And then you'll discover its sound — a stunningly realistic stereo-sampled grand piano that's built on individual multi-samples for every key. The KR117M also features Roland's new Solid Progressive Hammer-Action Keyboard with Escapement, plus advanced player piano technology that reproduces the songs down to the smallest detail. It's an impressive sight to see, as the keys move so magically, and with such power and subtlety. The KR117M will be the life of your parties.



KR115M

This baby grand has all the big features you're looking for

The KR115M, compared to the KR117M, is smaller in size, weighs less, and has a streamlined speaker system. Otherwise its features are largely the same as the flagship model. Among the highlights: an amazing 88-note, individually sampled stereo grand piano engine, a Solid Progressive Hammer-Action Keyboard with Escapement, and advanced player-piano technology, with expressive, visually impressive automated keyboard movement mechanisms. These big features make the KR115M, just like the KR117M, one of the finest digital grand pianos available today.



KR115

Designed with the performer in mind

The KR115 is ideal for those who want to focus on their playing first and foremost. It comes without the automatic keyboard movement feature, but offers other features from the KR-Grand series, including incomparable grand piano sounds, a Solid Progressive Hammer-Action Keyboard with Escapement, a full range of automatic accompaniment options, hundreds of different instrument tones, and the amazing DigiScore. The KR115 is a piano that truly “has it all.”





KR117M

The most advanced player-piano technology on the planet

The automatic keyboard mechanisms are incredibly expressive — guaranteed to fascinate and captivate you and your guests

Impressive automatic keyboard movement

The KR117M and KR115M come with an automatic keyboard-movement mechanism that will entertain and impress. Insert any Standard MIDI File (SMF) or other music file, and the keys will start “playing” the music, perfectly reproducing the songs down to the smallest detail. All eyes will be drawn to the magical moving keys, which have been enhanced visually on the sides for an attractive “wood” look (KR117M only). Using the large selection of preset songs or commercially available SMF data, you can create automatic keyboard performances in any genre. You can also record your own performances — not just with the piano tone but with other onboard tones too. And when you play those performances back, watch those keys move just the way you played them!

Handy remote control

The KR117M and KR115M and KR115 can be operated from a distance by a remote control



device, with which you can start/stop the music, change the volume, mute the sound, and control effects and other functions. Also, for the first time, there is an option for remotely accessing and controlling these pianos* with a PDA or a wireless PC. The Intelligent Grand has now joined the Wireless Age.

*KR117M, KR115M only.

Eye-catching external display



If you connect your own external monitor or television set to the KR117M, KR115M and KR115, you can view icons and menus from a distance, and display color scores, the lyrics of songs, your own favorite bitmap or JPEG photos, to complete slideshows.

Versatile CD drive and USB memory port



The versatile CD drive built into the KR117M and KR115M not only plays MIDI music data but also standard audio CDs. Player-piano CDs can give you

hours and hours of enjoyment on your Intelligent Grand. And whenever you wish, you can insert an audio CD and listen to your favorite songs. Also, by inserting Roland's optional USB flash memory device into the USB memory port, you can play SMF data and WAV data.

3D sound

Roland's advanced 3D Surround technology allows you to connect external speakers to your KR Grand (KR117M, KR115M, and KR115) and create an immersive, three-dimensional sound field. The piano part will come from the

KR's internal speakers, while the reverb and other accompaniment sounds will come from the external speakers, giving you the uncanny sense that you're playing live, surrounded by a band or orchestra.



Record your entire performance

The Intelligent Grand (KR117M, KR115M, and KR115) comes with a new A/V Sync function that allows you to record and play back your entire performance. You can even add your voice to the piano sound, for example, as well as video images. To save your performance data, simply attach a recorder, and replay your recordings on your KR Grand using the automatic keyboard-movement function if you desire (KR117M and KR115M only). If you want to add video images of your performance, attach a video camera and a DVD recorder. You can make your own music videos!



External display screen with photo inset



By connecting an external monitor to your KR-Grand, you can view icons and menus from a distance. You can also display scores and photos, and put on slideshows.

What makes the Intelligent Grand the world's finest digital piano?

Superior sounds, superior keyboard, and superior acoustics — KR117M, KR115M, KR115

Superior sounds



The KR-Intelligent Grand boasts the most realistic stereo-sampled grand piano sounds on the digital-piano market — with “all 88 keys multi-level sampling.” It’s a piano worthy of a master musician, with the ability to deliver the power, stunning clarity, and nuance demanded by a true virtuoso. Moreover, as amazing as these sounds already are, they can be further adjusted to your taste; you can customize them with the friendly-yet-powerful Piano Designer feature.

Superior keyboard



The KR-Grand Series features Roland’s new Solid Progressive Hammer-Action Keyboard with Escapement — which perfectly matches the feel of an acoustic grand. It provides a heavier touch in the lower range and a lighter touch in the upper registers. In this new version the touch is more delicate than before, and the keys are more solid and balanced for a genuine piano key feel. It also produces less fingernail noise. In addition, on the KR117M these new solid keys feature attractive natural wood-tone sides to enhance the visual moving-key motion.

Superior acoustics



The KR-Grand Series benefits from Roland’s unique Active Acoustics technology, which digitally recreates the resonance of a grand piano as the sound bounces off the soundboard. The KR’s built-in sound systems produce deep and resonant low notes, vibrant sound, and a clarity that doesn’t diminish across distance, making these pianos perfect for performances in a large hall, even if they’re playing auto-accompaniment or SMF files. With 140 watts of power, the KR115M and KR115 deliver an impressively big sound. With a full 280 watts of power, the KR117M can fill the largest hall.



Soft-landing keyboard cover closes slowly and gently for safety (KR117M)

DigiScore — the heart and soul of the KR-Grand

DigiScore puts a wealth of features and functions at your fingertips — KR117M, KR115M, KR115

DigiScore electronically displays music scores.

View scores of preset songs, Standard MIDI files, or songs you record yourself on the onboard recorder. One of the most exciting features of DigiScore is the Touch the Notes feature, which enables you to touch a note on the screen and instantly hear it played on the piano. You can also drag your finger across a series of notes and hear a whole phrase.



Easy-to-use color LCD touchscreen

The easy-to-use central LCD touchscreen gives you immediate command of all major features, including DigiScore. Simply by pushing one of the six main control buttons alongside the screen, or by touching a button on the screen itself, you can access a host of advanced digital functions.

Visual Lesson makes practicing more effective

This feature enables you to check your performance with your eyes as well as your ears. It can make your practicing not only more effective, but more fun as well. First choose the course that best suits your level, and play the notes as they appear on the screen. When you’re done, view the Check Screen to see how you’re doing. There you will find a numerical score that rates your accuracy in

The Touch the Notes feature enables you to touch a note on the screen and instantly hear it played on the piano



pitch and rhythm, and provides advice for improvement. And you can review the parts of your performance that need extra attention.



Course Select Screen Practice Screen Check Screen Review Screen

Music Assistant follows and augments your performance

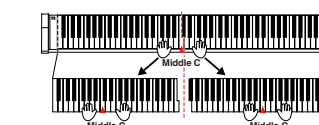
Music Assistant is an intuitive, easy-to-use auto-accompaniment feature. Play simple chords with your left hand, and Music Assistant will automatically follow and “fill in” your performance while you play. Depending on the settings you choose, it can play in a number of different genres, styles, tones, and tempos.

Virtual Tone Wheel for the sound of yesteryear

KR117M, KR115M, and KR115 boast a Virtual Tone Wheel function that provides the timeless sound of classic organs. You can adjust the sound with the harmonic bars onscreen.

Twin Piano function means two can play

With the Twin Piano function you can split your keyboard, which allows two people to play together in the same register. This provides a lively, interactive environment for mother and child, teacher and student, or a pair of friends to practice and play together.



KR111

Presenting a compact digital grand that has rewritten the rulebook

Meet the amazing new KR111, the smallest model in the KR-Intelligent Grand Series — and one that has surpassed all expectations. In conceiving this model, Roland's dream was to fit the most important features of the KR Series into the compact cabinet of a mini grand. Mission accomplished! The KR111 mini grand, like every other model in the KR Series, boasts stunningly realistic grand piano sounds. It also comes equipped with a Progressive Hammer-Action Keyboard, 180 Music Assistant auto-accompaniment registrations, 170 high quality Music Styles, a powerful onboard speaker system, and a simple and intuitive LCD user interface. It offers the perfect balance of luxury, affordability, functionality, and fun. This amazing instrument has rewritten the rulebook of mini-grand design.



Specifications

		KR117M	KR115M	KR115	KR111	
Keyboard	Keyboard	88 keys (Solid Progressive Hammer-Action Keyboard with Escapement)			88 keys (Progressive Hammer-Action Keyboard)	
	Automatic Keyboard Movement	Yes			No	
	Wood-tone sides	Yes	No			
Touch Sensitivity		100 levels			3 types	
Keyboard Modes		Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX				
Sound Generator	Conforms to	GM2 / GS / XG Lite				
	Max. Polyphony	128 voices			64 voices	
	Tones	6 groups 780 variations (including 8 tone wheel organs, 17 drum sets, SFX set)			6 groups 400 panel tones, 9 drum sets, 1 SFX Set	
	Temperament	8 types, selectable tonic			—	
	Transpose	Key Transpose (-6 to +5 in semitones), Playback Transpose (-24 to +24 in semitones)			Key Transpose (-6 to +6), Data Transpose (-24 to +24), All Transpose (-6 to +6)	
	Effects	Reverb (12 types, 127 levels), Chorus, Rotary and 60 other types, Surround, Advanced 3D, Dynamic Emphasis (3 types), Equalizer (5 bands, Master level)			Reverb (8 types), Chorus, Multi-FX (47 types)	
Arranger	Music Styles	6 groups 310 styles x 3 types (Style Orchestrator)	6 groups 285 styles x 3 types (Style Orchestrator)		170 Styles	
	Music Assistant	Over 550 sets x 6 presets, Visual Music Assistant			180	
	Programmable Music Styles	Style Converter, Style Composer			—	
	Melody Intelligence	24 types			18 types	
	User Programs	Internal: 36, External Memory: Max. 99 sets			Internal: 34, Memory: Max. 99 sets	
Metronome	Tempo	Quarter Note = 10 to 500			Quarter Note: 20 to 250	
	Beat	2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8			1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 6/8, 9/8	
	Volume	10 levels			127 levels	
	Metronome Pattern	11 patterns			1 pattern	
	Metronome Sound	8 types			1 type	
Composer	Tracks	5 tracks / 16 tracks				
	Recording Method	Realtime (Replace, Mix, Auto Punch In, Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map			New Song/Single/Punch In/Out	
	Edit	Copy, Quantize, Delete, Insert, Erase, Transpose, Part Exchange, Note Edit, PC Edit			—	
Other Functions	Touch the Notes, Replay Pedal, Super Tones, Piano Designer, Visual Lesson, Wonderland/Game, Demo, Tone Audition, Panel Lock, User Image Display, BMP Export, V-LINK, IR function, Slide Show, A/V Sync Output/Input				Demo, Panel Lock, V-LINK	
	External Storage • USB Flash Memory (option) (KR117M/KR115M/KR115) • Floppy Disk (option) (KR111)	Playable Software	Song: Standard MIDI Files (Format 0/1), Roland Original Format (i-Format)			
			Music Style: MSA, MSD, MSE			
			Audio File: WAV Format (44.1 kHz 16 bits linear, stereo)			—
Save	Song: Standard MIDI Files (Format 0), Roland Original Format (i-Format)			Song: Standard MIDI Files (Format 0)		
Internal Memory	Internal Songs	Over 190 songs			61 songs	
	User Memory	Max. 200 songs on Favorites, Max. 99 User Styles, Max. 99 User Program Sets, User Image (Internal x 1, External x 1)			—	
Others	DigiScore	Yes			No	
	Notation	Grand staff / G Clef staff / F Clef staff, with note name / lyrics / chords / fingering				
	Display	Bouncing Beat Indicator, Graphical Color LCD 320 x 240 dot (backlit LCD)			New large backlit custom display	
	Lyrics	Yes (built-in, external display, MIDI output)			No (only via MIDI OUT)	
	Language	English / Japanese / German / French / Spanish			English	
	Vocal Effects	Echo, Voice Transformer, Vocal Keyboard, Harmonist			—	
	One Touch Program	One Touch Piano, One Touch Arranger				
	Pedals	Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, functions assignable), Sostenuto Pedal (functions assignable)			Damper Pedal, Soft Pedal, Sostenuto Pedal	
	Connectors	USB memory connector, FDD connector, Output jacks (L/Mono, R), Input jacks (L/Mono, R), Mic Input jack, Headphones jack (Stereo) x 2, MIDI In connector x 2, MIDI Out connector, USB connector, Ext Display connector (15-pin D-Sub type), Video Out jack, Expression Pedal jack			Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack (Stereo) x 2, MIDI In connector, MIDI Out connector, USB connector, Expression Pedal jack	
	Rated Power Output	70 W x 4		70 W x 2		
	Speakers	20 cm x 2, 16 cm x 2, 8 cm x 2, 5 cm x 2		20 cm x 2, 5 cm x 2		
	Power Supply	AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz)				
Power Consumption	360 W		270 W			
Dimensions (including the caster cup)	with lid closed	1,503 (W) x 1,579 (D) x 1,007 (H) mm / 59-3/16 (W) x 62-3/16 (D) x 39-11/16 (H) inches		1,473 (W) x 937 (D) x 930 (H) mm / 58 (W) x 36-15/16 (D) x 36-5/8 (H) inches		
	with lid open	1,503 (W) x 1,579 (D) x 1,741 (H) mm / 59-3/16 (W) x 62-3/16 (D) x 68-9/16 (H) inches		1,473 (W) x 937 (D) x 1,446 (H) mm / 58 (W) x 36-15/16 (D) x 56-15/16 (H) inches		
Weight	240 kg / 530 lbs		140 kg / 310 lbs			
Accessories	Quick Start, Owner's Manual, Roland 60 Classical Piano Masterpieces, Remote Control, Dry-cell Batteries, USB Installation Guide, CD-ROM (Roland Digital Piano USB Driver), Power Cord, Anti-theft lock screws, Maintenance Kit, Key Cover, Caster Cup					
	CD (Music Data Disc with vocals)			—		
	USB Flash Memory (M-UF128), Floppy Disk Drive (FD-01A), CF/CD Recorder (CD-2)					
Options	USB Flash Memory (M-UF128), Floppy Disk Drive (FD-01A), CF/CD Recorder (CD-2)			Expression Pedal (EV-7), CF/CD Recorder (CD-2)		

With the KR-Intelligent Grand Series, you can use music files that carry any of these marks:

KR117M KR115M KR115 KR111 :      

*For details concerning playback of XG compatible music files, refer to the below.

General MIDI

General MIDI is a set of recommendations which seeks to provide a way to go beyond the limitations of proprietary designs, and standardize the MIDI capabilities of sound generating devices. Sound generating devices and music files that meet the General MIDI standard bear the General MIDI logo. Music files bearing the General MIDI logo can be played back using any General MIDI sound generating unit to produce essentially the same musical performance.

General MIDI 2

The upwardly compatible General MIDI 2 recommendations pick up where the original General MIDI left off, offering enhanced expressive capabilities, and even greater compatibility. Issues that were not covered by the original General MIDI recommendations, such as how sounds are to be edited, and how effects should be handled, have now been precisely defined. Moreover, the available sounds have been expanded. General MIDI 2 compliant sound generators are capable of reliably playing back music files that carry either the General MIDI or General MIDI 2 logo. In some cases, the conventional form of General MIDI, which does not include the new enhancements, is referred to as "General MIDI 1" as a way of distinguishing it from General MIDI 2.

SMF with Lyrics

"SMF with Lyrics" refers to SMFs (Standard MIDI Files) that contains lyrics. When Music Files carrying the "SMF with Lyrics" logo are played back on a compatible device (one bearing the same logo), the lyrics will appear in its display.

GS Format

The GS Format is Roland's set of specifications for standardizing the performance of sound-generating devices. In addition to including support for everything defined by General MIDI, the highly compatible GS Format additionally offers an expanded number of sounds, provides for the editing of sounds, and spells out many details for a wide range of extra features, including effects such as reverb and chorus. Designed with the future in mind, the GS Format can readily include new sounds and support new hardware features when they arrive. Since it is upwardly compatible with General MIDI, Roland's GS Format is capable of reliably playing back GM Scores equally as well as it performs GS music files (music files that have been created with the GS Format in mind). This product supports both the General MIDI 2 and the GS Format, and can be used to play back music data carrying either of these logos.

XG lite

XG is a tone generator format of YAMAHA Corporation that defines the ways in which voices are expanded or edited and the structure and type of effects, in addition to the General MIDI 1 specification. XGlite is a simplified version of XG tone generation format. You can play back any XG music files using an XGlite tone generator. However, keep in mind that some music files may play back differently compared to the original files, due to the reduced set of control parameters and effects.

Ensuring high quality while protecting the environment: Roland is ISO9001 and ISO14001 certified

At Roland, several group companies have obtained ISO9001 certification. In addition, in January 1999, Roland also received ISO14001 international environmental management system certification. We're actively seeking ways to maintain harmony with the environment.

(ISO=International Standardization Organization: an organization for the promotion of standardization of international units and terms. They provide different categories of certification: ISO9001 Series certification is a product quality certification for products that undergo a certain level of quality control from the design stage to the after service stage; ISO14001 Series certification is for environment-related standards. Each member of the Roland Group is striving to obtain certification.)



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