



ARIUS

YDP-181



Overview

Perfect for beginning students and experienced players alike, the ARIUS / YDP series provides true piano sound and feel. The Graded Hammer keyboard makes it a true joy to play, both in practice and in performance. The 3-level AWM Dynamic Stereo Sampling Voices deliver remarkably authentic sound, and YDP-181 incorporates a USB device port for storing songs recorded on the instrument. Moreover, the damper pedal includes a half-damper effect, giving you nuanced expressive control over the sustained sound. Dual Voice capability lets you play two different instrument sounds at the same time, while a 2-track song recorder allows you to capture your original musical ideas and performances.

Features

Graded Hammer (GH) Keyboard

Just as on a traditional acoustic piano, lower notes on a GH keyboard have a heavier touch, while the higher ones are more responsive to lighter playing. GH features an extra key sensor capable of reproducing fast repetitive playing of a single note with perfect articulation. The matte finish of the black keys enhances the keyboard's luxurious appearance.

Variable Touch Sensitivity

Select the hard, medium or soft setting to match your playing style or finger strength. Turn off sensitivity for a fixed response setting, ideal when playing the organ.

Advanced Wave Memory (AWM) Dynamic Stereo Sampling

The AWM (Advanced Wave Memory) is a sampling system which creates the realism of an acoustic instrument by using digital technology to record the instrument sound and applying high-quality digital filter technology to the recorded audio samples. The waveform of the sound created by playing the key of an acoustic piano differs depending on the playing strength from pianissimo to fortissimo. The AWM Dynamic Stereo Sampling can produce such dynamic nuances by recording samples of various playing strengths. The greater the number of samples used, the higher the expression.

USB connectivity for storing and playing music

Insert an optional USB storage device into the USB port to save and transfer your performances.

128-note Polyphony

Conventional digital pianos quickly run out of notes during fast, dense legato passages: sustained notes are cut off as the instrument "steals" notes to make room for new notes. A maximum of up to 128-note can be played at once.

Damper Resonance

Damper Resonance samples provided the rich and broadening tones produced in pedaling. Using these comprehensive gradations, YDP-181 model can realistically reproduce the complex sounds of a grand piano.

Half-Pedal Control

It allows the sustain length to vary "step-by-step" depending on how far the pedal is pressed. The farther you press the pedal, the more the sound sustains.

Song Recorder

The built-in, 3-song performance memory allows you to record a song, and then step into the spotlight and solo over it. Best of all, you can change tempo or Voices even after you've recorded your performance. There's also a built-in metronome to help you stay in perfect time.

50 Preset Piano Songs

A selection of 50 different piano songs is provided for your listening pleasure. These recordings were chosen for their beauty as well as their functionality. Since many of the songs are classic piano pieces, anyone taking lessons can listen to them for reference.

Specification Comparison Chart

Model Name		new YDP-181	YDP-223	new YDP-161	YDP-160	new YDP-141	YDP-140	
Keyboard	Touch Response	Hard, Medium, Soft, Fixed	Hard, Medium, Soft, Fixed	Hard, Medium, Soft, Fixed	Hard, Medium, Soft, Fixed	Hard, Medium, Soft, Fixed	Hard, Medium, Soft, Fixed	
	Type	GH	GH	GH	GH	GHS matte black keys	GHS matte black keys	
Voice	Number of Voices	14	14	10	10	6	6	
	Number of Polyphony	128	64	128	64	64	64	
	Piano Voice Quality	AWM Dynamic Stereo Sampling	AWM Stereo Sampling	AWM Dynamic Stereo Sampling	AWM Dynamic Stereo Sampling	AWM Dynamic Stereo Sampling	AWM Dynamic Stereo Sampling	
	No. of Dynamic Steps	3	1	3	3	3	3	
Effect	Reverb	4 types	4 types	4 types	4 types	4 types	4 types	
	Effect	4 types	4 types	-	-	-	-	
	Brilliance	yes	yes	no	no	no	no	
	Damper Resonance	yes	no	yes	no	no	no	
	Dual	yes	yes	yes	yes	yes	yes	
	Split	no	yes	no	no	no	no	
Song	Playback	Number of Preset Songs	14 (Voice Demo) 50 (Piano)	14 (Voice Demo) 50 (Piano)	10 (Voice Demo) 50 (Piano)	10 (Voice Demo) 50 (Piano)	6 (Voice Demo) 50 (Piano)	6 (Voice Demo) 50 (Piano)
		Recording	Number of Songs	3	1	1	1	1
		Number of Tracks	2	2	2	1	2	1
Metronome		yes	yes	yes	yes	yes	yes	
Pedals	No. of Pedals	3 (Damper with half pedal effect, Sostenuto and Soft)	3 (Damper, Sostenuto and Soft)	3 (Damper with half pedal effect, Sostenuto and Soft)	3 (Damper with half pedal effect, Sostenuto and Soft)	3 (Damper with half pedal effect, Sostenuto and Soft)	3 (Damper with half pedal effect, Sostenuto and Soft)	
Overall Control	Tempo	yes	yes	yes	yes	yes	yes	
	Transpose	yes	yes	yes	yes	yes	yes	
	Tuning	yes	yes	yes	yes	yes	yes	
	Scale Tuning	yes	yes	no	no	no	no	
Display	Type	7-segment LED	7-segment LED	no	no	no	no	
Jacks & Terminals	MIDI	IN / OUT	IN / OUT / THRU	IN / OUT	IN / OUT	IN / OUT	IN / OUT	
	TO HOST	no	yes	no	no	no	no	
	Headphone	2	2	2	2	2	2	
	AUX. In (L/L+R, R)	no	yes	no	no	no	no	
	AUX. Out (L/L+R, R)	no	yes	no	no	no	no	
	AUX. Out (L, R)	no	yes (Fixed)	no	no	no	no	
USB to DEVICE	yes	no	no	no	no	no		
Outboard Content	Song	Pianosoft Solo	yes	yes	yes	yes	yes	yes
Amplifier / Speaker	Output	20W x 2	20W x 2	20W x 2	20W x 2	6W x 2	6W x 2	
	Speaker	16cm x 2	16cm x 2	(12cm x 6cm) x 2	(12cm x 6cm) x 2	(12cm x 6cm) x 2	(12cm x 6cm) x 2	
	Speaker / Headphones Control	yes	yes	no	no	no	no	
Cabinet	Key Cover	Sliding	Sliding	Sliding	Sliding	Sliding	Sliding	
	Headphone Hanger	yes	yes	yes	yes	no	no	

*All specifications tentative.

Step Up Feature

New Feature