

# Yamaha Arius Series Comparison

## Full Spec Sheet Below

[YDP-Series](#)  
[Learning Hub](#)

[popplerspiano.com](http://popplerspiano.com)  
701-746-7471

YDP Series Features	<a href="#">YDP-164</a>	<a href="#">YDP-144</a>	<a href="#">YDP-103</a>
Voices	10	10	10
Piano Sound Sample	CFX	CFX	AWM
Polyphony	192	192	64
88 Keys	X	X	X
Half Pedal	X	X	X
Reverb	X	X	X
Dual/Layer Sound	X	X	X
Duo Keyboard Split	X	X	X
Transpose	X	X	X
Fine Tuning	X	X	X
Headphone Jack	X	X	X
3 Pedals	X	X	X
USB to Host	X	X	X
Auto Power Off	X	X	X
Built-in Keyboard Cover	X	X	X
Metronome	X	X	X
Graded Hammer Standard Action		X	X
Matte finish on Black Keys		X	X
Synthetic Ebony Keytops	X		
Upgrade GH3 Hammer Action	X		
Song Recording	X	X	
Auxiliary Out	X	X	
Upgrade Amp/Speakers	X	X	
Damper Resonance	X	X	
String Resonance	X	X	
Intelligent Acoustic Control	X	X	

Specification Sheet		<a href="#">YDP-164</a>	<a href="#">YDP-144</a>	<a href="#">YDP-103</a>
<b>Size/Weight</b>				
Dimensions	Width	1,357 mm (53-7/16")	1,357 mm (53-7/16")	1357 mm (53-7/16")
	Heights	849 mm(33-27/64")	815 mm (32-1/16")	815 mm (32-1/16")
	Depth	422 mm (16-5/8")	422 mm (16-5/8")	422 mm (16-5/8")
Weight	Weight	42.0 kg (92 lbs, 10 oz)	38.0 kg (83 lbs, 12 oz)	37.5 kg (82 lbs, 11 oz)
<b>Control Interface</b>				
Keyboard	Number of Keys	88	88	88
	Type	GH3 keyboard with synthetic ebony and ivory keytops	GHS keyboard with matte black key tops	GHS keyboard with matte black key tops
	Touch Response	Hard/Medium/Soft/Fixed	Hard/Medium/Soft/Fixed	Hard/Medium/Soft/Fixed
Pedal	Number of Pedals	3	3	3
	Half Pedal	Yes	Yes	Yes
	Functions	Damper/Sostenuto/Soft	Damper/Sostenuto/Soft	Damper/Sostenuto/Soft
Display	Type	-	-	-
	Size	-	-	-
Music Rest		Yes	Yes	Yes

<b>Tone Generation</b>				
	Piano Sound	Yamaha CFX Sampling	Yamaha CFX Sampling	AWM Stereo Sampling
	Key-off Samples	Yes	Yes	-
	Smooth Release	Yes	-	-
	String Resonance	Yes	Yes	-
	Damper	Yes	Yes	-
Polyphony	Max Polyphony	192	192	64
Presets	Number of Voices	10	10	10
<b>Effects</b>				
Types	Reverb	4	4	4
	Chorus	-	-	-
	Intelligent	Yes	Yes	-
	Sterophonic	Yes	Yes	-
Functions	Damper	Yes	Yes	-
	Dual/Layer	Yes	Yes	Yes
	Split			
	Duo	Yes	Yes	Yes
<b>Songs</b>				
Presets	Number of Preset	10 Voice Demo Songs, 50	10 Voice Demo Songs, 50	10 Voice Demo Songs ,10
Recording	Number of Songs	1	1	-
	Number of Tracks	2	2	-
	Data Capacity	100 KB/Song (Approx.	100 KB/Song (Approx.	-
Compatible Data	Playback	Standard MIDI File (SMF)	Standard MIDI File (SMF)	-
	Recording	Standard MIDI File (SMF)	Standard MIDI File (SMF)	-
<b>Functions</b>				
Overall Controls	Metronome	Yes	Yes	Yes
	Tempo Range	5 – 280	5 – 280	5 – 280
	Transpose	-6 – 0 – +6	-6 – 0 – +6	-6 – 0 – +6
	Tuning	414.8 – 440.0 – 466.8 Hz	414.8 – 440.0 – 466.8 Hz	414.8 – 440.0 – 466.8 Hz
	Scale Type	-	-	-
<b>Connectivity</b>				
	Headphone	Standard stereo phone jack (x 2)	Standard stereo phone jack (x 2)	Standard stereo phone jack (x 2)
	MIDI	-	-	-
	AUX IN	-	-	-
	AUX OUT	-	-	-
	USB to Device	-	-	-
	USB to Host	Yes	Yes	Yes
<b>Amp and Speakers</b>				
	Amplifiers	20W x 2	8W x 2	6W x 2
	Speakers	16 cm x 2	16 cm x 2	16 cm x 2
<b>Power Supply</b>				
	Power Consumption	13W (When using PA-300C AC adaptor)	9W (When using PA-150 AC adaptor)	6W (When using PA-150 AC adaptor)
	Auto Power Off	Yes	Yes	Yes
	Adaptors	PA-300C or an equivalent	PA-150 or an equivalent	PA-150 or an equivalent