

# Yamaha Disklavier Comparison

## Full Spec Sheet Below

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[popplerspiano.com](http://popplerspiano.com)

701-746-7471

Yamaha Disklavier System Spec Information	<a href="#">Enspire PRO</a>	<a href="#">Enspire ST</a>	<a href="#">Enspire CL</a>
Supported File Format: Standard MIDI	X	X	X
Supported File Format: MP3	X	X	X
Supported File Format: WAV	X	X	X
Built-in Songs: 500	X	X	X
Available Songs: 9000	X	X	X
Ensemble Voices: 480 w/ 12 Drum Kits	X	X	X
Compatible Storage Media: USB Flash Drive	X	X	X
MIDI Connectivity: 5-Pin MIDI IN/OUT	X	X	X
MIDI Connectivity: USB TO HOST	X	X	X
Audio Connectivity: Analog Audio IN x 2	X	X	X
Audio Connectivity: Analog Audio OUT x 4	X	X	X
Audio Connectivity: Digital Coax OUT (2CH)	X	X	X
Data Connectivity: LAN	X	X	X
Data Connectivity: USB to Device x 3	X	X	X
Calibration Type: Auto Calibration	X	X	X
Intergrated Speakers: Yamaha MSP3	x2	x2	x1
Muting Format: Quiet Mode and Silent Mode w/ Motorized Muting System	X	X	
Digital Voices: 16 (Binaural CFX Concert Grand for Headphones)	X	X	
Recording Format: Stanard MIDI	X	X	
Recording Format: Audio WAV	X	X	
Recording Format: Audio Sync	X	X	
Recording Format: Video Sync	X	X	
Headphone Connectivity: 1/8" Mini Stereo	X	X	
Damper and Soft Pedal Reproduction	X	X	
Non-Contact Optical Sensor System	X	X	
Key Sensor Type: Continuous Grayscale	X	X	
Sostenuto Sensor Type: On/Off Detection	X	X	
Calibration Type: Real-Time Auto Adjusting Playback	X	X	
Keying Velocity: 128		X	X
Key Release Velocity: 128		X	X
Incremental Pedaling Levels: 128		X	X
DSP Servo Feedback System: Standard		X	
Recording and Playback		X	
Hammer Sensor Type: Shutter		X	
Playback Only			X
Supported File Format: Analog MIDI			X

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Supported File Format: Analog MIDI			X
Hi-Res Recording and Playback	X		
Keying Velocity: 1024	X		
Key Release Velocity: 1024	X		
Damper and Shift Pedal Sensor Type: Continuous Grayscale	X		
Recording Format: XP MIDI	X		
Supported File Format: XP MIDI	X		
Incremental Pedaling Levels: 256	X		
Hammer Sensor Type: Continuous Grayscale	X		
DSP Servo Feedback System: Accuplay	X		

Yamaha Disklavier Spec Information	<a href="#">Enspire PRO</a>	<a href="#">Enspire ST</a>	<a href="#">Enspire CL</a>
System Type	Hi-Res Recording and Playback	Record and Playback	Playback Only
Recording Format	XP MIDI Standard MIDI Audio WAV Audio Sync Video Sync	Standard MIDI Audio WAV Audio Sync Video Sync	-
Supported File Format	XP & Standard MIDI MP3 WAV	Standard MIDI MP3 WAV	Analog & Standard MIDI MP3 WAV
Built-in Songs	500	500	500
Available Songs	9000	9000	9000
Keying Velocity	1024	128	128
Key Release Velocity	1024	128	128
Incremental Pedaling Levels	256	128	128 ( w/ Damper Lift Mechanism)
Damper and Soft Pedal Reproduction	Yes	Yes	No
Non-Contact Optical Sensor System	Yes	Yes	No
Key Sensor Type	Continuous Grayscale	Continuous Grayscale	N/A
Hammer Sensor Type	Continuous Grayscale	Shutter	N/A
Damper and Shift Pedal Sensor Type	Continuous Grayscale	Continuous Grayscale	N/A
Sostenuto Sensor Type	On/Off Detection	On/Off Detection (Grand Models Only)	N/A
DSP Servo Feedback System	Accuplay (Key, Hammer, Pedal and Key Drive System)	Standard (Key and Pedal)	N/A
Calibration Type	Auto-Calibration and Real-Time Auto Adjusting Playback	Auto-Calibration and Real-Time Auto Adjusting Playback	Auto Calibration
Silent System	Quiet Mode and Silent Mode with Motorized Muting System	Quiet Mode and Silent Mode with Motorized Muting System	N/A
Digital Voices	16 (Binaural CFX Concert Grand for Headphones)	16 (Binaural CFX Concert Grand for Headphones)	N/A
Ensemble Voices	480, w/ 12 Drum Kits	480, w/ 12 Drum Kits	480, w/ 12 Drum Kits
Compatible Storage Media	USB Flash Drive (Up to 128GB)	USB Flash Drive (Up to 128GB)	USB Flash Drive (Up to 128GB)
MIDI Connectivity	5-Pin MIDI IN/OUT USB TO HOST	5-Pin MIDI IN/OUT (Grand Models Only) USB TO HOST	5-Pin MIDI IN/OUT USB TO HOST
Audio Connectivity	Analog Audio IN x2 Analog Audio OUT x 4 Digital Coax OUT (2CH)	Analog Audio IN x2 Analog Audio OUT x 4 Digital Coax OUT (2CH)	Analog Audio IN x2 Analog Audio OUT x 4 Digital Coax OUT (2CH)
Headphone Connectivity	1/8" Mini Stereo	1/8" Mini Stereo	N/A
Data Connectivity	LAN USB to Device x 3	LAN USB to Device x 3 (x 2 for Upright Models)	LAN USB to Device x 3 (x 2 for Upright Models)
Integrated Speakers	Yamaha MSP3 x2 iOS/Andriod APP Mac/PC Browser	Yamaha MSP3 x2 iOS/Andriod APP Mac/PC Browser	Yamaha MSP3 x1 iOS/Andriod APP Mac/PC Browser
Control Intergration	MusicCast APP Custom API	MusicCast APP Custom API	MusicCast APP Custom API

**Yamaha Disklavier Model  
Availability Sheet Below**

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Yamaha Disklavier Module Available Models				
		<a href="#">Enspire PRO</a>	<a href="#">Enspire ST</a>	<a href="#">Enspire CL</a>
CF Series	CFX	X		
	CF6	X		
	CF4	X		
SX Series	S7X	X		
	S6X	X		
	S5X	X		
	S3X	X		
CX Series	C7X	X		
	C6X	X		
	C5X	X		
	C3X	X		
	C2X		X	
	C1X		X	
GB/GC Series	GC2		X	
	GC1		X	
	GB1K		X	X
YUS Series	YUS5		X	
	YUS1		X	
U Series	U1		X	