

# The Silent REVOLUTION

## Yamaha Silent Pianos combine the best of acoustic and digital pianos

The prime goal of Yamaha is to provide a beautiful acoustic piano built with the knowledge and skills of over 100 years of Yamaha piano history. Then we add our market-leading Silent Piano technology to enable the piano to be played silently using headphones.

When the silent function is activated, the hammers no longer hit the strings. Instead, a highly-sophisticated sensor technology captures all movements of the keys and sends them to a digital tone module. Play a real acoustic piano with headphones at any time, day or night without being disturbed or disturbing others. The Yamaha Silent System is unsurpassed, allowing 24-hour practice as well as possessing many other features, including a range of installed sounds, the ability to record your own performances, and connection to mobile devices to use the latest apps.

SILENT *Piano*™



Home & Family

There will be times when the rich, resonant sound of a Yamaha piano is not appreciated; for instance, if it disturbs a neighbor or family member. For those occasions, the SH or SG2 Silent System can be switched on in an instant. The piano maintains all the sensitivity and touch of an acoustic action as it delivers the tone of a Yamaha concert grand through headphones, so others can watch TV or listen to their own music in the same room.

Early mornings, late nights... no problem. Practice in silence without disturbing others or being disturbed.



Study

Practicing anytime night or day without disturbing others, or being disturbed, gives Silent Piano owners a huge advantage. The patented Yamaha Quick Escape Mechanism™ (GP only) lets you play with the same touch and feel in both acoustic and silent modes.

The binaurally sampled tone of an award-winning Yamaha CFX piano (SH only), reproduced in the headphones, creates the convincing illusion of sitting at a concert grand in a recital hall. A variety of other great instrument sounds are at your fingertips as well, as are customizable brilliance, multiple reverb types, a transpose feature and a metronome. Silent Pianos also include MIDI for expansion into the digital music realm.



Modern Musician

Compatible with new technology – including apps like Piano Diary and NoteStar, MIDI-equipped instruments, and computers – the latest Silent Pianos offer a serious alternative to both acoustic pianos and digital keyboards.

The ability to practice in silence on a real piano without disturbing others or being disturbed is a massive benefit. So is the Silent Piano's extensive connectivity; you can capture and share audio and MIDI via the on-board recorder or just be amazed at the incredibly realistic sampled sound of the award-winning CFX Concert Grand (SH only). For home, studio, stage and classroom, this is the ultimate piano experience!



Stage & Studio

There's no substitute for the touch and response of a real grand piano action. And while amplification of a grand piano presents a particular set of challenges in a live situation, many choose this route. Now, thanks to Yamaha SH Silent technology, real piano touch can produce real piano sound without the need for complex mic setups.

Meanwhile, MIDI connectivity puts the Silent Piano at the heart of a sophisticated performance setup. This is the ultimate piano for both stage and studio because it is a real piano.



## YAMAHA OFFERS TWO SILENT PIANO SYSTEMS: SH AND SG2

		SH Series	SG2 Series
Model Numbers	Uprights	U1SH, U3SH, YUS1SH, YUS3SH, YUS5SH	B1SG2, B2SG2, B3SG2
	Grands	GC1SH, GC2SH, C1XSH, C2XSH, C3XSH, C5XSH, C6XSH, C7XSH	GB1KSG2
Internal Tone	Digital Tone	Type	AWM Stereo Sampling
		Sound Engine (Piano)	CFX Binaural Sampling
		Piano Effects	Key-off samples, string resonance, sustain sampling, damper resonance
	Polyphony (max)		256
	Number of Voices		19 (dual 3)
	Voice Selection		Piano / Electric Piano 1-3 / Harpsichord 1-2 / Vibraphone / Celesta / Pipe Organ 1-4 / Jazz Organ / Strings / Choir / Synth Pad / Piano + Strings / Piano + Synth Pad / Piano + Electric piano 1
	Voice Selection (Playback)		480 XG Voices + 12 Drum / SFX kits
Memory		256MB	30MB
Functions	Reverb	Room / Hall 1 / Hall 2 / Stage	Room / Hall 1 / Hall 2 / Stage
	Pitch Control	414.8Hz – 468.8Hz	-65 to +65 cent
	Brilliance adjustment	Yes	Yes
	Voice variation switch	Yes	Yes
	Damper pedal resonance effect adjustment	Yes	Yes
	Metronome	Yes	Yes
	Preset Songs	53 (50 Greats for the Piano + 3 piano demo)	50 (50 Greats for the Piano)
	MIDI recording / playback	Yes	Yes
	Audio (WAV) recording / playback	Yes	—
	Auto Power Off	Yes	Yes
Connectors	Headphones	Mini-Stereo jack x 2	Stereo jack x 2
	MIDI IN/OUT	Yes	Yes
	AUX IN/OUT	Mini-Stereo jack	Mini-Stereo jack
	Speaker Output	Phone jack x 2 (GP only)	—
	USB TO DEVICE	Yes	Yes
Accessories		AC adapter, headphones, headphones holder, attachment screws for headphones hanger, owner's manual, music book <i>50 Greats for the Piano</i>	AC adapter, headphones, headphones holder, owner's manual



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