



## ES-8 portable digital piano

- Keyboard Action : Responsive Hammer III -Key Surface: Ivory Touch
- Letoff Simulation :Yes
- Sensors: 3
- Velocity Curves: Light+, Light, Normal, Heavy, Heavy+, Off (Constant), User
- Sound Source : Harmonic Imaging™ XL, 88 Key Sampling
- Sounds: 34, Grand Pianos: Shigeru Kawai EX, Kawai EX, SK-5
- Polyphony: max. 256 notes
- Virtual Technician: Voicing per key, Damper Resonance, Damper Noise, String Resonance, Key-off Effect, Fall-back Noise, Hammer Delay, Topboard, Decay Time, Soft Pedal Depth, Minimum Touch, Tuning, Volume and Tune of each key
- Keyboard Modes: Dual, Split, 4Hands (Volume/Balance adjustable)
- Reverb : Room, Lounge, Small Hall, Concert Hall, Live Hall, Cathedral each with Depth and Time
- Effects: Stereo Delay, Ping Delay, Triple Delay, Chorus, Classic Chorus, Tremolo, Classic Tremolo, Auto Pan, Classic Auto Pan, Phaser, Rotary and 4 combination effects each with Dry/Wet, Time, Speed, Feedback, High Damp, Depth (Parameters depend on Effect type.)
- Tuning: Equal (Piano Only), Pure (Major), Pure (Minor), Pythagorean, Meantone, Werckmeister III, Kirnberger III, Equal (Flat), Equal (Stretch), USER
- Metronome/Beats: 10 Beats, Tempo and Volume adjustable; 100 Backing Rhythms with Chord recognition
- Recorder
- USB Memory: MP3/WAV Recording and Playback, A-B Loop; Internal: MIDI 10 Songs, 2 Tracks
  max. 90,000 notes
- Demo Songs: 27
- Display:16 x 2 Character (LCD)
- Bluetooth : No
- Registrations: Yes, 28 Memories

- USB Functions: Playback: MP3, WAV, SMF; Recording: MP3, WAV; Functions: Audio Overdub, Song to Audio Convertion, Load internal Songs, Save internal Songs, Save SMF Songs, Load Registration, Save Registration, Delete File, Format USB Memory
- Other Features: Key Transpose, Song Transpose, Tone Control (incl. User EQ), Speaker Volume, Headphone Volume, Line In, Line Out Volume, Audio Recorder Gain, Tuning, Damper Hold, LCD Contrast, User Memory, Reset, Lower Octave Shift, Lower Pedal On/Off, Split Balance, Layer Octave Shift, Layer Dynamics, Dual Balance, MIDI Channel, Send PGM#, Local Control, Transmit PGM#, Multi Timbral Mode, Channel Mute, Auto Power Off; Rhythm Section: 100 Rhythms + Variation (Drums, Bass, Backing), Auto Fill-In, One Finger Ad-Lib Phrases, Auto Chord Progression, Full Keyboard and One-Finger-Mode
- Sound System: 12x8 cm x 2 Full range speaker with Bass-Reflex-System
- Amplifier: 2 x 15W
- Pedals: F10H Sustain Pedal with Half-Damper function included. Optional: Double Pedal F-20 or F301 3-pedal unit (only in combination with the HM-4 stand)
- Jacks: USB to Host, USB to Device, MIDI (IN/OUT), LINE IN STEREO, LINE OUT (L/MONO, R), DAMPER (for F-10H), DAMPER/SOFT (for F-20), PEDAL (for F-301), Phones x 2, AC-adapter PS-154
- Dimensions: Height in cm 14.9-Width in cm 136.2-Depth in cm 36.1- Weight in kg22,5
- Finishes :Glossy Black or Snow White