Sonic Cell

128-Voice Expandable Synth Module with Audio Interface

Roland

Superior Desktop Synthesis for the PC Generation

Sonic Cell puts the power and legendary sound quality of a Roland hardware synthesizer on your desktop. With its dual SRX expansion bay, built-in USB audio interface, and ability to play SMFs and WAV/AIFF/MP3 files, Sonic Cell is a dream for computer-based musicians and live performers who seek a compact, integrated pro sound module and USB audio-interface solution.

*Actual product appearance may be subject to change.

- 128-voice sound module with new soundset, featuring super-realistic acoustic instruments
- USB audio interface functionality plus USB-memory host function
- SMF and audio data playback capability via USB host function
- SRX slot x 2
- PC/Mac Editor and Cakewalk SONAR LE bundled

Superior Sound Module

Equipped with a state-of-the-art sound engine, Sonic Cell delivers the pristine sound quality of a dedicated Roland hardware synth. A remarkable new waveform set has been created for Sonic Cell, including a world-class collection of acoustic instruments, drums, and percussion that are expertly programmed to provide the ultimate in expression and realism. Sonic Cell's internal sound bank can even be expanded and customized via its two internal SRX expansion bays. Choose from over a dozen of Roland's famous SRX Expansion boards (sold separately) that cover a vast world of musical instruments and styles. Whether you're driving Sonic Cell from a computer, another synthesizer, or a MIDI keyboard or guitar controller, you'll enjoy unsurpassed sound quality, reliability, and flexibility.

Seamless Computer Connectivity

Sonic Cell is ideal for musicians who use a PC as the core of their writing, recording, and performing universe. More than a mere sound module, Sonic Cell is equipped with a built-in USB audio interface. Simply connect Sonic Cell directly to your computer's USB port, and you can record and create music with no additional hardware required. You can even plug a microphone, guitar, or other instruments into Sonic Cell and record your live audio tracks directly into your computer. And since Sonic Cell can help minimize the burden on the computer's processor, you'll enjoy more efficient and stable performance. As an added bonus, a free copy of Cakewalk's Sonar LE recording software included with every Sonic Cell sold, as is a plug-in style PC software editor, which makes sound designing and effects programming fast and friendly. Sonic Cell is compatible with VSTi and AU plug-in formats.

Ultra-Handy Backing Machine

In addition to its high-quality synthesis and audio-interface functions, Sonic Cell can be used as a virtual backing band. Simply create a playlist of your songs or backing tracks with the software Playback Editor (included free with Sonic Cell), and transfer the playlist to a commercially available USB memory stick. Insert the stick into Sonic Cell's USB port, and it will become a stand-alone song player that you can play and control onstage or anywhere you perform. Sonic Cell can play back WAV, AIFF, and MP3 files. It evens plays Standard MIDI Files!

■ Options

BKT-S
Desktop Stand for Sonic Cell

Lower unit is a part of PDS-10.

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PDS-10
Pad Stand

PDS-10 shown with Sonic Cell

■ Rear Panel

Sonic Cell Specifications

[Sound Generator Section] ■ **Parts** 16 parts ■ **Maximum Polyphony** 128 voices ■ **Wave Memory** 128 MB (16 bit linear equivalent) ■ **Expansion Slots** Expansion of waveforms and patches for the internal sound generator, SRX expansion boards: 2 slots ■ **Preset Memory** Patches: 768 + 256 (GM2), Rhythm Sets: 20 + 9 (GM2), Performances: 64 ■ **User Memory** Patches: 256, Rhythm Sets: 32, Performances: 64 ■ **External Memory** USB Memory ■ **Effects** Multi-Effects: 3 systems, 78 types, Chorus: 3 types, Reverb: 5 types, Input Effect: 6 types, Mastering Effect: 3 bands Compressor **[Audio Interface Section]** ■ **Number of Audio Input/Output Channels** Input: 1 pair of stereo, Output: 1 pair of stereo ■ **Signal Processing** PC interface: 24 bits, AD/DA Conversion: 24 bits ■ **Sampling Frequency** AD/DA Conversion: 44.1/48/96 kHz **[SMF/Audio File Player Section]** ■ **File Format** Standard MIDI File: format-0/1, Audio File: WAV, AIFF, MP3 **[Others]** ■ **Display** 128 x 64 dots organic EL graphic display ■ **USB (audio/MIDI/file Transfer (mass storage))** **Operating System** Windows: XP Home SP2 or later/XP Professional SP2 or later/Vista, Macintosh: Mac OS X v10.4.3 or later ■ **Connectors** Output jacks (L/MONO, R), Headphone jack, Input jacks (MIC/GUITAR/LINE (L) (Mic (1/4 inch phone type / XLR type, phantom power), Guitar (4/1 inch phones type, always Hi-Z), Line (L) (1/4 inch phone type)), LINE (R) (1/4 inch phone type)), MIDI Connectors (IN, OUT), USB Connectors (COMPUTER (audio, MIDI, file transfer (mass storage)), MEMORY (USB memory)) ■ **Power Supply** DC 9 V (AC Adaptor) ■ **Current Draw** TBD ■ **Dimensions** 294 (W) x 175 (D) x 55 (H) mm, 11-5/8 (W) x 6-15/16 (D) x 2-3/16 (H) inches ■ **Weight** 1.2 kg / 2 lbs 11 oz (excluding AC Adaptor) ■ **Accessories** Setup Guide, Guide Book, AC Adaptor (PSB-1U), CD-ROM (Sound Editor, Librarian, Playback Editor, USB Driver, Reference Manual), USB Cable ■ **Options** Wave Expansion Board: SRX Series, USB Memory: M-UF128, Desktop Stand: BKT-S, Pad Stand: PDS-10, Carrying Case: (under developing)

* The specifications are subject to change without notice.