

# INTEGRA-7

## SuperNATURAL Sound Module

SuperNATURAL

Motional Surround

GENERAL MIDI 2

for Microsoft®Windows®7/  
Windows Vista®/Windows®XP SP3

for Mac OS X

USB

USB  
MEMORY

SONAR LE

Roland  
Wireless  
Connect



## Powerhouse Rack for Fast, Fluid Workflow

With the development of SuperNATURAL sound and Behavior Modeling, Roland has blurred the boundary between acoustic and electronic instruments. Built upon these core technologies, the new INTEGRA-7 gives musicians a gold mine of the latest SuperNATURAL sounds in a fast-access, fully stocked 16-part module. The powerhouse rack comprises a “greatest hits” collection of sounds from Roland’s flagship keyboards and V-Drums modules, plus a coveted lineup from the legacy SRX library. It also introduces a new technology called Motional Surround, a 17-part ambience engine that lets you graphically control the distance and position of each part within a 360-degree sound field. With the immense power of the INTEGRA-7, you can create amazingly realistic and detailed orchestral arrangements, immersive spatial sounds, and beyond.

# INTEGRA-7

## SuperNATURAL Sound Module

- Flagship synth module with over 6,000 sounds built in
- The latest SuperNATURAL sounds with enhanced Behavior Modeling technology for expressive acoustic instruments and accurate reproduction of performance articulations
- Powerful SuperNATURAL synth engine with fat analog synth models and vintage filter types
- Dynamic SuperNATURAL drum engine derived from Roland's V-Drums provides expressive sounds with natural tonal variations
- Producer's "must-have" SRX Expansion sound library built in, with all 12 SRX titles included
- Dedicated multi-effects and EQ for each part (16 parts), plus six dedicated COMP+EQ processors for drums and ambience parameters in SuperNATURAL drum kits
- Innovative 17-part Motional Surround ambience engine for stereo, headphone, and 5.1-channel output
- INTEGRA-7 Editor for iPad and Motional Surround VSTi Editor for SONAR software

## SuperNATURAL-Powered Music Production

The core of the INTEGRA-7 is its SuperNATURAL sound engine with Behavior Modeling technology. SuperNATURAL not only mirrors the sounds of acoustic instruments, but also emulates the behavior of instruments when they're played. With SuperNATURAL, sounds come to life under your fingers.

Whether used in acoustic or electronic domains, the INTEGRA-7 puts a world of expressive sound in your hands. Go deep inside the programming engine and customize your own sounds, or let the INTEGRA-7 do it all for you. With so many great sounds onboard, and with the INTEGRA-7's organic response to how you play your keyboard/controller, you'll experience a new level of realism and effortless expression.



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## SuperNATURAL Sound Module

### SuperNATURAL Acoustic Tones

Here are a few examples of the SuperNATURAL acoustic sounds in the INTEGRA-7 and their realistic behavioral actions:

#### ■ Grand Piano

This gorgeous grand provides smooth, seamless tonal changes from soft to hard keystrokes, and natural decay with no “looping.” The notes fade beautifully and organically, and you can adjust a variety of parameters to customize the sound.

#### ■ Electric Piano

Many recreations of legendary EPs are onboard, including '68 Reed, '73 Stage, '78 Pure, '76 Tine, and '81 Tine. These expressive pianos feature realistic key-off noise and dedicated effects, including a newly created phaser.

#### ■ Guitar

Reproduce chord fingerings, strumming, and melodic performances of steel-, nylon, and 12-string guitars, as well as flamenco guitars, ukulele, and mandolin. The INTEGRA-7 also contains several electric guitar models, including a single-coil Strat®, and even amp models such as the Roland JC-120 Jazz Chorus, stack amps, and more. Electric guitar techniques such as “jazz octave” phrasing can also be performed easily.

#### ■ Strings

Pitches transition naturally from note to note when playing tied legato-style melody lines. This allows you to effortlessly realize portamento, pizzicato, staccato, and tremolo techniques that are unique to instruments such as violin, viola, cello, and double bass.

#### ■ Brass and Reeds

The INTEGRA-7 faithfully reproduces the dynamic changes of tone colors unique to brass and reed instruments, including the overblowing technique of a saxophone and the distinctive pitch-bend behavior of a French horn. You can also perform staccato, fall, and growl techniques with stunning realism.

#### ■ Ethnic Instruments

Instruments from around the globe are onboard, such as the shakuhachi (Japan), with authentic pitch and tonal fluctuations caused by breath amount; erhu (China), with its distinctive pitch bend when transitioning from note to note; sitar (India), with realistic string resonance; and kalimba (Africa); with the unique vibrating noise of the board and tines. In addition, the built-in “ExSN1 (Expansion SuperNATURAL) Ethnic” sound pack can be loaded into a virtual expansion slot for more sounds.

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## SuperNATURAL Sound Module

### SuperNATURAL Synthesizer

The INTEGRA-7's SuperNATURAL powers also reach beyond acoustic instruments. It's loaded with SuperNATURAL synth tones that meticulously recreate the fat sound of beloved vintage synthesizers, their expressive filters, and unique envelope behaviors. Hundreds of PCM waveforms are onboard as well, providing a treasure trove of classic digital-synth sounds prevalent in the '80s and '90s. You can even edit the sounds intuitively on an iPad with the dedicated editor app.

### SuperNATURAL Drums and SFX

In addition to the expressive acoustic tones and full-blown synth engine under the hood of the INTEGRA-7, you'll find a SuperNATURAL drum engine derived from Roland's famous V-Drums. Thanks to Behavior Modeling technology, the INTEGRA-7 can groove like a real drummer. Drum kits respond smoothly and naturally to velocity, with seamless tonal transitions from soft to loud. Play smooth, fast drum fills that don't sound like fake machine-gun fire, and create fluid snare, tom, and cymbal rolls with real-time control of their speed and volume via mod lever control. The drum engine even has its own ambience effect, plus six COMP+EQ processors that you can apply to individual drum instruments.

The newly created SFX kits offer a variety of stunningly realistic sound effects, including car crash, door slam, footsteps, birds, river, and more. Some of the effects offer real-time sound control, which is great for film scoring. For example, using the mod lever, you can realistically control the amount of clapping and cheering from a virtual audience, or the natural sound variations of ocean waves, rain, and wind.



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## SuperNATURAL Sound Module

### Essential Legacy Sounds Onboard

Roland has a long, celebrated history of creating top-selling synthesizers, and many musicians still rely heavily on their legacy gear. With the INTEGRA-7, a “greatest hits” collection of previous Roland synths is built in: all of the sounds from the XV-5080 are onboard, plus all 12 titles from the SRX Expansion libraries. These include SRX-05 Supreme Dance, with essential electro sounds from the vintage TR-808 and TR-909 drum machines; SRX-06 Complete Orchestra, with a huge collection of orchestral instruments and dramatic sound-effects; and SRX-09 World Collection, an audio encyclopedia of ethnic instruments with rare, hard-to-find samples. The INTEGRA-7 is equipped with four virtual expansion slots that can be used to load four SRX libraries simultaneously. With all of these classic sounds instantly available, plus a new stockpile of enhanced SuperNATURAL sounds, the INTEGRA-7 brings the past, present, and future together in one convenient instrument!

*Notes: Since the INTEGRA-7 uses the latest MFX engine, the onboard SRX expansion libraries will not sound identical to previous sound modules and synthesizers. The INTEGRA-7 cannot load data from the XV-5080.*

### Motional Surround

The INTEGRA-7 introduces a new era of spatial sound design. Motional Surround — derived from Roland’s proprietary RSS (Roland Sound Space) technology — lets you control not only the left/right panning of sounds, but also their depth, even placing them behind you! A solo instrument can be placed nearby, for example, while the backing or percussion instruments can be placed at a distance, thus creating a sound field with natural width and depth. Motional Surround is particularly stunning when applied to orchestral simulations.

This exciting new sound processing can also be applied to external audio — simply connect an audio player or instrument to the INTEGRA-7’s inputs and immerse it in Motional Surround. Adjust the parameters in real time via MIDI, as well as with the dedicated iPad app or VSTi plug-in editor for DAWs such as SONAR. You can even record Motional Surround movements in SONAR for automated playback.

Motional Surround supports two-channel output, so you can experience the effect with just two speakers or headphones! For maximum impact, 5.1-channel output is also supported with five speakers and a subwoofer.

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## SuperNATURAL Sound Module

### First-Class Hardware

The hardware design of the INTEGRA-7 is stylish and sturdy. Housed in a rugged metal chassis, it's beautifully designed and built to withstand decades of use, whether in a studio or a touring road rack. The INTEGRA-7's internal components are premium grade, including high-quality, low-noise D/A converters. It's also equipped with dedicated effects engines, so you don't have to worry about CPU load; each of the 16 parts can have their own MFX and EQ, rather than sharing the same effects for all parts.

Across the INTEGRA-7's front panel are dedicated buttons for accessing sounds and effects quickly, plus a large value dial surrounded by navigation keys. The LCD is easy to see, and you can adjust its contrast and brightness to suit the viewing angle and lighting conditions.

On the rear panel is an array of versatile connectors, including stereo XLR outputs, eight individual 1/4-inch phone outs, a digital (coaxial) output, MIDI IN/OUT/THRU, and a USB port that supports audio streaming at rates up to 24-bit/96 kHz. For convenience and flexibility, audio input jacks are provided on both the rear and front panels.

### Cool Features and Add-Ons

The INTEGRA-7 is packed with innovative and powerful features, including a Tone Finder wizard that organizes the 6,000-plus onboard sounds into logical categories for quick location. Simply press the dedicated Tone Finder button and choose your category; once you find a sound, press the volume knob/button to preview it. The preview plays a suitable phrase for each sound, so you know what kind of articulation behavior it's able to produce.

Other noteworthy features include an ultra-high-quality GM2 sound set (which uses all four virtual slots) for playing SMF files via external sequencers; six additional SuperNATURAL sounds (which use one virtual slot each); and a front-panel USB memory port for conveniently storing your settings on a USB thumb drive. There's also a custom editor app for iPad users who wish to control the INTEGRA-7's synth parameters, part mixer, and Motional Surround remotely, as well as selecting sounds and reading/loading the 16-part Studio Sets.

Perfect partners for the INTEGRA-7 are Roland's new A-88 and A-49 MIDI controller keyboards. The SuperNATURAL button on the A-88/-49 automatically assigns the INTEGRA-7's most appropriate parameters to the mod lever, knobs, and D-BEAM for controlling the selected SuperNATURAL sound.

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### The INTEGRA-7 in Action!

Make the INTEGRA-7 a star player in your music production, performance, and education experience.

#### ■ For Pro Music Production...

The INTEGRA-7 has over 6,000 internal sounds that span a complete musical universe of styles. To have the equivalent on your computer, you'd need to instantiate several soft synths and worry about RAM and CPU overload. INTEGRA has practically every sound in every category for music and film-scoring production — from essential acoustic sounds such as pianos, brass, drums, and strings to ethnic instruments from Asia, Africa, and the Middle East. It also contains a wide variety of SFX patches for adding dramatic impact to your songs and soundscapes. In addition, you can apply Motional Surround to add new dimensions to your sound, such as orchestral simulations with stunning depth and realism!

#### ■ For Television and Radio...

If you need high-quality tracks for broadcast, and you need them fast, you can feed the INTEGRA-7 Standard MIDI Files and marvel at the beauty of the internal GM2 sound set. By using Motional Surround, you can also create jaw-dropping sound effects and jingles with incredible motion and depth. If you have a stockpile of pre-recorded jingles and effects clips, you can run them through the INTEGRA-7's audio inputs and apply Motional Surround to those recordings.

#### ■ For Music Schools...

When teaching music composition, the INTEGRA-7 is a useful tool to demonstrate sounds and instruments of the world, all from within a dedicated self-contained device. With a recommended A-49 or A-88 MIDI controller connected and a single press of its SuperNATURAL button, you're instantly ready to take full advantage of the INTEGRA-7's highly expressive sounds. Teachers and students can conveniently store and carry their personal custom settings via a USB thumb drive.

#### ■ For Museums, Art Galleries, and Planetariums...

With the INTEGRA-7's Motional Surround engine, you can create music for special exhibits that will take audiences into new dimensions. Place and rotate the elements of your sound effects and compositions in a 360-degree sound field while also controlling their positional depths. You can even use your computer or iPad to adjust the surround locations graphically. Motional Sound can be used in two-channel mode, headphone mode, and 5.1-channel mode\*.

*\*For 5.1-channel playback, you'll need five powered speakers (left, right, center, rear-left, rear-right) and one powered subwoofer. Dolby Digital and DTS are not supported.*

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### INTEGRA-7 Specifications

#### [Sound Generator Section]

##### - Maximum Polyphony

128 voices (varies according to the sound generator load)

##### - Parts

16 parts

##### - Tones

SuperNATURAL Acoustic

SuperNATURAL Synth

SuperNATURAL Drum Kit

PCM Synth

PCM Drum Kit

\* GM2 compatible sounds are included.

##### - Expansion Virtual Slots

4 Slots

\* The following titles are loaded from the internal memory into the virtual slots.

SRX Series (12 titles)

SRX-01 Dynamic Drum Kits

SRX-02 Concert Piano

SRX-03 Studio SRX

SRX-04 Symphonique Strings

SRX-05 Supreme Dance

SRX-06 Complete Orchestra

SRX-07 Ultimate Keys

SRX-08 Platinum Trax

SRX-09 World Collection

SRX-10 Big Brass Ensemble

SRX-11 Complete Piano

SRX-12 Classic EPs

Expansion SuperNATURAL Sounds (6 titles)

ExSN1 Ethnic

ExSN2 Wood Winds

ExSN3 Session

ExSN4 A.Guitar

ExSN5 Brass

ExSN6 SFX

Expansion Hi-Quality PCM Sounds (1 title)

ExPCM HQ GM2 + HQ PCM Sound Collection

\* The SRX Series and the Expansion SuperNATURAL Sounds use one virtual slot per title.

\* The Expansion Hi-Quality PCM Sounds use all four virtual slots.

##### - Effects

Multi-Effects: 16 systems, 67 types

Part EQ: 16 systems

Drum Part COMP+EQ: 6 systems

Motional Surround

Chorus: 3 types

Reverb: 6 types

Master EQ

##### [Others]

##### - Display

256 x 80 dots graphic LCD (with backlit)

##### - Connectors

PHONES jack (stereo 1/4-inch phone type)

INPUT jacks (L, R) (1/4-inch phone type, Front)

INPUT jacks (L, R) (1/4-inch phone type, Rear)

OUTPUT A (MIX) jacks (L, R) (1/4-inch TRS phone type)

OUTPUT A (MIX) jacks (L, R) (XLR type)

OUTPUT B jacks (L, R) (1/4-inch phone type)

OUTPUT C jacks (L, R) (1/4-inch phone type)

OUTPUT D jacks (L, R) (1/4-inch phone type)

DIGITAL AUDIO OUT jack (COAXIAL)

MIDI connectors (IN, OUT, THRU)

USB COMPUTER port (Audio/MIDI)

USB Memory port

AC IN jack

##### - Power Consumption

18 W

##### - Dimensions

481 (W) x 262 (D) x 89 (H) mm

18-15/16 (W) x 10-3/8 (D) x 3-9/16 (H) inches

##### - Weight

3.9 kg

8 lbs 10 oz

##### - Accessories

Owner's Manual

DVD-ROM (SONAR LE)

Power Cord

##### - Options (sold separately)

USB Flash Memory

\* Use USB flash memory sold by Roland. We cannot guarantee operation if other products are used.

\* All specifications and appearances are subject to change.

