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Roland Virtual Sonics & Sony Pictures Post Production Services Collaborate on Development of RAINLINK™ Virtual Music Application

Hamamatsu, Japan, July 24, 2017 — Roland Virtual Sonics, in concert with Sony Pictures Post Production Services, is developing advanced new tools and content for RAINLINK™, a high-definition music, sound, and video performance and control technology first introduced by Roland and Roland Virtual Sonics at the 2017 NAMM music products tradeshow. Beginning in early 2018, Roland Virtual Sonics will release a series of RAINLINK-enabled software products through Roland Cloud, featuring audio recordings made at Sony Pictures Post Production Services sound facilities in Culver City, California.

These new RAINLINK products will be designed to assist audio professionals working in today's mixed media industries. They will include a continuously growing library of virtual instrument audio sounds to be used with the most popular digital audio workstations, will be well-suited for use in film, television, video games and virtual reality applications, and will be available to all through Roland Cloud (www.rolandcloud.com).

"In a collaboration designed to modernize the sounds heard behind today's music and greatly add to the bright future of RAINLINK, Roland is collaborating with Sony Pictures Post Production Services to leverage the studio's world-renowned sound facilities, including one of the industry's most beloved scoring stages, where multiple OSCAR®-winning scores have been recorded," said Jeremy Soule, executive director of Roland Virtual Sonics.

RAINLINK technology from Roland features more than 130,000 times the resolution of the current global standard known as MIDI. Other RAINLINK innovations address a future of cloud computing in content creation, deep support for gaming and virtual/augmented reality applications, and much more. RAINLINK brings new expressive and creative capabilities for musicians and producers working in every form and style of music.

In 1983, Roland co-introduced MIDI (Musical Instrument Digital Interface) to musicians and forever changed the world of music performance and production. Since its introduction, MIDI has taken a central role in the creation of music for film, television, video games, and music albums. But while MIDI has achieved much as a global standard, it's remained largely unchanged since its invention more than 30 years ago.

"As motion pictures have increasingly migrated to digital formats and cloud-centric workflows, Roland Virtual Sonics and Sony Pictures Post Production Services have identified an opportunity to bring the next generation of virtual musical instruments, sounds, and related tools to modern productions," added Soule. "Early into discussions of collaboration, we jointly

recognized that the audio capabilities of Sony Pictures Post Production Services and its worldclass sound stages could greatly enhance and accelerate efforts to establish RAINLINK as a next-generation technology alongside MIDI. Roland intends to support both formats for years to come."

MIDI is a technical protocol that describes both the method and means of communication between musical instruments, computers, and related audiovisual devices. Unlike simple audio connections, MIDI carries data representing music performance and control, such as the movement of keys on a keyboard, the strike of a drum, the strum of a guitar, the spin of a DJ controller, and more. MIDI allows one compatible musical instrument to play or "trigger" another, and can be recorded, edited, and played back with relative ease. And while nearly every album, film and television score, or video game soundtrack still incorporates MIDI at some stage in production, most applications use the original "8-bit word" specification. While Roland continues to respect and support MIDI as a world standard, RAINLINK is based on 24-bit words, and simply put, more bits means new capabilities.

BAFTA-winner and Roland Virtual Sonics chief Soule concluded, "I've spent 23 years of my career as a composer working within the confines of MIDI. At times, I have asked myself if I wanted to spend the rest of my career working with low-resolution while the rest of the world advanced. Today I'm grateful to be working with Roland as we develop RAINLINK and bring the world of music performance and production into the high-res 21st century."

Sony Pictures Post Production Services is a subsidiary of Sony Pictures Entertainment.

About Sony Pictures Entertainment

Sony Pictures Entertainment (SPE) is a subsidiary of Sony Entertainment Inc., which is a subsidiary of Tokyo-based Sony Corporation. SPE's global operations encompass motion picture production, acquisition, and distribution; television production, acquisition, and distribution; television networks; digital content creation and distribution; operation of studio facilities; and development of new entertainment products, services and technologies. SPE's Motion Picture Group includes film labels Columbia Pictures, Screen Gems, TriStar Pictures, Sony Pictures Animation, and Sony Pictures Classics. For additional information, visit www.sonypictures.com.

About Roland Virtual Sonics

Roland Virtual Sonics LLC. represents the joint venture between Roland Corporation Japan and Seattle-based Virtual Sonics. We are a software, services and media solutions provider that represents the next wave in the evolution of modern music creation, and our first full offering is called Roland Cloud. Through Roland Cloud, we work to alleviate many pain-points that plague both professional and amateur musicians, producers, and creators, including the lack of access to truly high-resolution virtual instruments, the need for open and supportive community, access to mentoring, and more. Become a Roland Cloud member today by visiting www.rolandcloud.com.

About Roland Corporation

Roland Corporation is a leading manufacturer and distributor of electronic musical instruments, including keyboards and synthesizers, guitar products, electronic percussion, amplifiers, audio and recording products, vocal products, and professional audio and video products. With more than 40 years of musical instrument development, Roland sets the standard in music technology for the world to follow. For more information, visit www.roland.com.