

Data Sheet

SMART MEDIA SERVERS

SMS3, SMS3-250



The SMS3 or SMS3-250 Smart Media Server is an intelligent audio source that plays music stored on its hard drive and Internet radio in three independent output streams. Through a multiroom audio system, it can play the same or different selections in different rooms at the same time.

The Media Server also stores and organizes digital photographs for presentation on a video display. The photos can be shown individually or as slide shows and can be combined with music.

An easy-to-navigate graphical user interface is used to create themes and organize the music and photos. The interface can be viewed on a TV screen or within a web browser on a networked computer. It displays album covers, artist and album information, and song names.

As an ideal music source for a Russound RNET® system, the Media Server can be controlled from the system's UNO keypads or touchscreens, which display theme, artist, and song title information. It can also be controlled by IR remote control, from a computer, or through an RS-232 serial port.

The listener loads music from CDs into the Media Server through a built-in CD-ROM reader or transfers music files from a connected computer. The listener can then organize the music into themes by genre or artist for random playback or put songs in playlists for playing back in a specific order. As the Media Server is used, its unique Personal Media Assistant learns the listener's music preferences for each theme and applies those preferences to its automated song selection.

The Media Server has a schedule feature that can be set to play themes at specified times. It can also pick up an Internet radio feed at scheduled times of the day for news or favorite programming.



TV or browser display of music selection screen

With an Internet connection, the Media Server obtains CD information from Gracenote® music recognition service and album cover art from Muze® entertainment information service. This information, called metadata, includes song title, artist and album name, and genre (rock, jazz, etc.). When no Internet connection is present, the Media Server checks the database loaded into its firmware for CD information.

The Media Server is available with either a 160 GB or a 250 GB hard drive. To preserve catalogued music and server configurations, Russound recommends making periodic backups of the Media Server's hard drive. An external hard drive connects to the rear panel using a USB 2.0/1.1 or FireWire IEEE 1394 interface.

Specifications

Supported Media Formats

- MP3, Ogg Vorbis, WAV music, JPEG image

Storage

	SMS3	SMS3 250
• Hard drive capacity:	160 GB	250 GB
• Compressed music:	2650 hours	4140 hours
• Uncompressed music:	240 hours	375 hours

Audio Specifications

- Frequency response: 20 Hz to 20 kHz ± 0.5 dB
- Signal-to-noise ratio: > 96 dB
- Total harmonic distortion: < 0.05%
- Audio outputs: 3 independent stereo streams

Video Output Formats

- Composite, S-video, VGA

Communications Ports

- RNET link in and out
- Front-panel IR receiver, rear-panel IR jack
- Mouse and keyboard ports
- Ethernet LAN port
- RS-232 control port
- FireWire IEEE 1394 port for external backup drive
- 2 USB ports for external backup drive

Included Accessories

- Power supply with universal input (100–240 VAC, 50–60 Hz)
- SMS3-RC infrared remote control
- 1 RCA composite video cable
- 3 RCA stereo audio cables
- Rack-mount ears

Physical Specifications

- Dimensions: 17" W x 1.75" H x 12.9" D (430 x 44 x 343 mm)
- Weight: 12.02 lb (5.4 kg)

Power Requirement

- 12 VDC, 6 A

Approvals

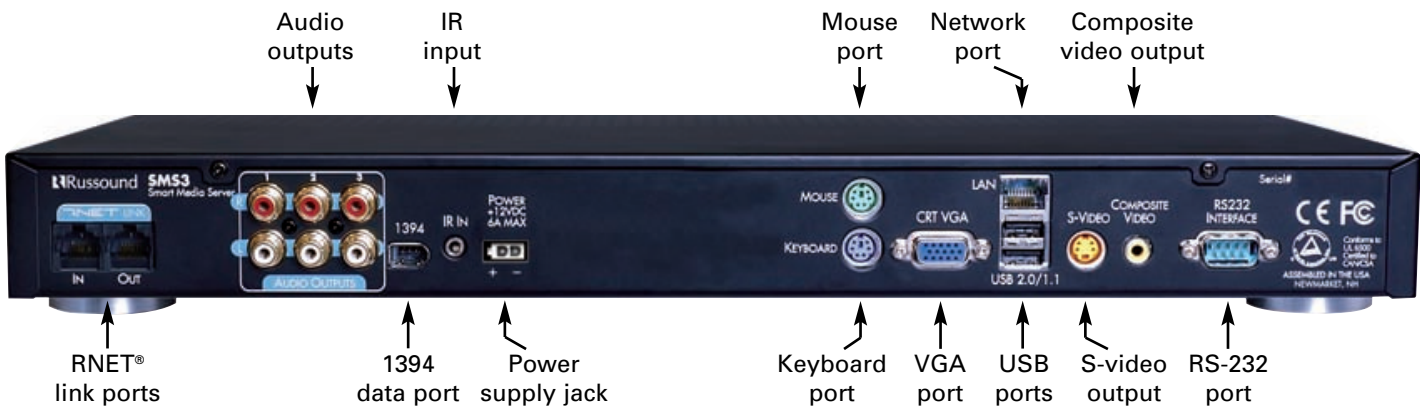
- CE, FCC, TUV



SMS3-RC Remote Control



Media Server theme selection on the UNO-TS2 touchscreen



Organize and select music in a variety of ways

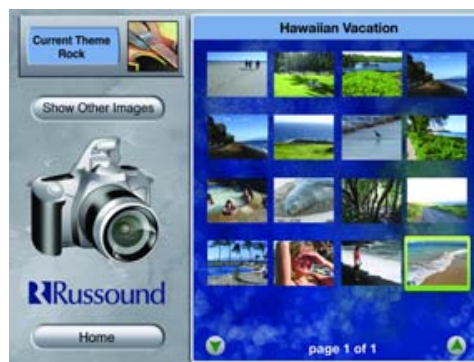


Image viewer controls display of photo albums



RNET is a proprietary platform that allows Russound components to communicate with each other.

Since 1967, innovation, quality and reliability have been the core of the Russound product tradition. Today, Russound offers everything for enjoying multiroom audio-video in your home. All distributed audio-video solutions are built to high standards and designed with the unique consideration of making products that are a pleasure to live with and enjoy.

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