

Model Sounds Inc. e-Newsletter

Issue 13

R/C MODELS LIKE YOU'VE NEVER HEARD THEM BEFORE!!

WINTER 2011-2012



Ed King with his Constellation at LMAC model field, June 8, 2011, after first flight.

1/11 scale Lockheed L1049G Constellation – “The Connie”
Built by Ed King, Lexington, Kentucky, United States

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The “Connie”

The Lockheed Constellation was a propeller-driven airliner powered by four 18-cylinder radial Wright R-3350 engines. It was built by Lockheed between 1943 and 1958.

A Lockheed Constellation was the presidential aircraft for U.S. President [Dwight D. Eisenhower](#).

The superb scratch built model, above, is 126” long with a wingspan of 140” and weighs 55lbs! It has four AXI 413020 electric motors driving modified three bladed Master Airscrews. Each motor has its own 30Volt, 22000mAH battery. No less than 10 battery packs and twenty servos provide the power and control!

Retractable undercarriage with doors closing, landing lights, navigation lights, beacons and one of our SFX6 sound systems complete the special effects.

NEW – SFX7.0 Sound Module

New Name, New Look – New Product!! As most of you know we changed our name in Dec. 2011 to “Model Sounds Inc.”.

The new name is simpler, easier to find and remember, and better reflects our products and expertise.

We are now preparing to manufacture a brand new SFX7.0 Sound Module. The SFX7.0 is our 4th generation R/C sound module and is our best one ever.

Based around a new, faster, 32 bit PIC32 microcontroller and a 1GB micro-SD card for sound storage, the length of sounds that can be stored at full CD sound quality (16 bits, 44100 samples/second) is almost limitless.

The virtually unlimited storage capacity on the 1GB micro-SD card allows for very long engine sound loops which can give even more realism with non-repetitive sounds such as tank engines and tracks, etc.

It also allows both engine sounds to use very long start up sequences such as those used in turbo-prop airplanes or gas turbine helicopters.

The footprint of the SFX7.0 sound module is the same as the SFX6.4 and includes the same powerful 40Watt audio power amplifier.

Many innovations have been incorporated in our latest sound module which are revealed on the next page.



SFX7.0 R/C SOUND IN STEREO!!

We continue to innovate with the **First and Only** Stereo capable R/C sound module. The SFX7.0 sound module features stereo line audio outputs which can allow different sounds to be played back through separate loudspeakers using an external stereo amplifier.

This is terrific for large models such as the Connie featured on the first page or large tanks or boats when engine sounds can come from one speaker and gunfire can come from another.

A large warship can have a forward gun sound and an aft gun sound coming from forward and aft speakers. The realism added for static or ground displays will be uncanny!

To keep the cost down for the average modeller who does not require 2 channel playback, the SFX7.0 sound module's on-board amplifier is single channel and plays a mono mix of the left and right channels.

The new SFXPC4.0.0 SW application allows you to set which sounds come out of which channel.

Through the coming months we will be introducing a small range of compatible stereo amplifiers.

EASIER TO CHANGE SOUNDS OR CONFIGURATIONS

By using a micro-SD Card, the SFX7.0 module appears to the computer as a USB Mass Storage Device (like a "Flash" or "Thumb" drive). We also include a free USB micro-SD Card reader with the SFX7.0 module.

Our "4th Generation" Sound Module Introduces Even More Innovations!



1/10 scale 1966 Miss Budweiser
Bryan Deatherage, Tacoma,
Washington, USA

We've done it again! Model Sounds Inc. leads the world in R/C Sound System features

SFX7.0 MICRO-SD CARD

Transfers of .sfx5 composite sound files and configuration data can be done through the SFXPC3 application to the SFX7.0 module via its USB cable, or by using the USB micro-SD card reader which is much faster.

The file and folder structure on the micro-SD Card allows multiple sound sets to be stored on it. The currently active sound set is defined in a simple text file in the root folder of the micro-SD Card.

For those customers who prefer not to use a PC at all, they can purchase micro-SD Cards from us pre-loaded with their choice of sounds and/or configuration. It is then a simple matter of swapping in the new card to get a brand new set of sounds on the module.

The hardware on the SFX7.0 module has been designed to support even more advanced features which will be developed and announced over the coming year.

NEW SFXPC4.0.0 SOFTWARE

The new release of PC Software for use with the SFX7.0 module is now at release 4.0.0. It is similar to the previous 3.1.1 release with changes to accommodate the new hardware and capabilities of the SFX7.0 module.

SFXPC4.0.0 now uses USB drivers that are built into the Operating System, including Windows XP, so is much easier to install. The application better tracks whether the SFX7.0 module is connected so there is no need to close and re-start the application if the SFX7.0 module is disconnected then re-connected.

In addition to the previous methods of controlling sounds, it now supports a "Keypad" mode. This is for those modellers who still have a keypad installed on their transmitter from either us, or another vendor, for use with our very first SFX4 sound module. The SFX7.0 will now support use of those older keypads.



NO CD-ROM NEEDED

The SFX7.0's 1GB micro-SD card is large enough to store all the programs and documents that were previously shipped on a separate CD-ROM. This means no separate disc to get lost – the information is always inside the sound module itself.

It is highly recommended to back-up the micro-SD Card when you first receive the sound module.

SFX7.0 AVAILABILITY

We anticipate availability of the new SFX7.0 at mid-end of February, 2012.

OUR NEW WEB SITE

With our new name comes a new domain name and website:

www.modelsoundsinc.com

It has a completely new look and feel with more interesting photos of customer's models at the top of each page, and numerous ways to navigate to our products, sound clip lists and Photo and Video galleries.

We hope you like the new look.

Tel : Canada 613 882-4649
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www.modelsoundsinc.com

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SFX6.4 TO BE DISCONTINUED

We have a few SFX6.4 sound modules left in stock. As we manufacture only one version of the sound module at a time, the SFX6.4 will be discontinued once they have been sold out.

PHOTO/VIDEO GALLERIES

Each issue of our newsletter will feature one or two photos of customer's models. Please feel free to send us your photos and videos.

Tip: When shooting videos, be very aware of where the wind is coming from and extraneous noises. Many user's videos are completely spoiled and unusable by wind noise picked up by the microphone, or by talking or vehicle or other aircraft noises.

Our Photo Page is at :

[www.modelsoundsinc.com/
photogallery.htm](http://www.modelsoundsinc.com/photogallery.htm)

Our Video Page is at :

[www.modelsoundsinc.com/
videogallery.htm](http://www.modelsoundsinc.com/videogallery.htm)

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MSI ARTICLES

We have published several technical articles of interest to R/C modellers. They are all available on our Articles web page at :

[www.modelsoundsinc.com
/articles.htm](http://www.modelsoundsinc.com/articles.htm)

These articles are also included in the Articles folder on the micro-SD Card inside the SFX7.0 sound module.

CUSTOMER TESTIMONIALS

We welcome testimonials from any customer who has purchased any of our SFX7/6/5 modules and are pleased with the product, and/or our service.

Please email them to :

contactus@modelsoundsinc.com

NEWSLETTER FREQUENCY

We are now producing our newsletter bi-annually i.e. Spring/Summer and Autumn/Winter.

If you do not wish to receive any future e-newsletters from us, please send an email with the subject line "Unsubscribe" to

newsletter@modelsoundsinc.com

