

Issue 10

JUNE 2010

MSC Newsletter

MODEL SOLUTIONS OF CANADA LTD.

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

NEW ON-LINE FORUM

February 2010 saw the introduction of our new on-line discussion forum that allows customers and potential customers to discuss issues and get answers to anything relating to any of our products. This has proven to be a very popular tool. The forum can be accessed through the "Forum" links on all our web pages.



1/48 Scale HMCS Sackville by Ted Scrivens from Kemptville, Ontario, Canada

[Click here to hear some of the sounds on Ted's model](#)

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Master Marine Modeller Adds MSC Sound

Our sound modules are equally at home in R/C model aircraft, helicopters, ships, tanks and even garden railways.

This beautiful scale model of [HMCS Sackville](#) (HMCS - Her Majesty's Canadian Ship for our non- Canadian readers!) was built by master modeller Ted Scrivens. Ted is one of several master machinists and modellers in the Rideau Nautical Modellers - the R/C model boat club of Ottawa, Canada's national capital.

The model, 51.25" long x 8.25" beam is completely scratch built - the hull is fibreglass and the superstructure is mostly styrene with fine details machined from brass. One of Ted's hallmarks is his exquisitely detailed machined brass fittings and accessories.

One example on his HCMS Sackville is a fully working anchor winch built to exact scale dimensions and detail.

Other operational features include gun sounds, ship's horn, ship's bell, ASDIC and engine sounds, navigation lights, mast lights, search light, interior bridge lights, smoke, and working sonar (using a modified commercial portable RF fish finder and on-shore receiver).

HMCS Sackville, is a Flower Class Corvette, a smaller and faster warship than a destroyer, with a displacement of 950 tons. Serving in several well known escort groups, C1, C2 and C3, **HMCS Sackville (K181)** escorted convoys from St. Johns, Newfoundland, to Londonderry, Ireland from January 1942 to August 1944.

HMCS Sackville was one of the original members of the famous Barber Pole Group.

After the war she served as a civilian research vessel. She is currently a museum ship in Halifax, Nova Scotia, Canada and the only known surviving vessel of the Flower Class. 120 Corvettes were built in Canada.

CUSTOMER PHOTOS

We plan for our newsletter to feature one or two photos of customer's models in each issue. Please feel free to send us your photos and videos.

We will post good quality videos on our video gallery web page at :

www.modelsolutions.ca/videogallery.htm

SFX6 SOUND MODULE CHANGES

Since its launch in July 2009 we have released a number of software and firmware upgrades. Our current release is 3.0.5e. It can be downloaded from our downloads page at :

www.modelsolutions.ca/downloads

Our currently shipping sound modules are designated SFX6.4 and have twice as much Flash program memory as the previous SFX6.3's. This 256KBytes of program space will allow us plenty of room to add new features in the future. The price is the same at CAD\$199.95.

EXCITING NEW FEATURE FOR MODEL TANKS AND NAVAL VESSELS

The SFX6 sound module can support two independent throttle controlled engine sounds. Although model tanks have two drive motors - one for each track, they are steered using a single throttle control signal mixed with the steering signal to give different drive speeds to each track. That means the SFX6 sound module's second proportional "engine sound" can be used to play turret turning sounds instead.

Just as the engine sounds have startup, proportional speed and shutdown sounds, so too, can the turret turning sounds. This is very popular with our model tank customers. This feature can also be used on large Naval vessels with rotating gun turrets.

MSC CONTINUES TO LEAD THE WORLD IN R/C SOUND SYSTEM TECHNOLOGY



deHavilland Beaver
with SFX6 sound module
Willy Fisset, Diefmatten, France.

By continually researching the latest technologies for R/C sound systems we ensure we remain the leader in this field

HIGH VOLTAGE AMPLIFIER

We have a lab. prototype of our new High Voltage (25 - 50 Volt) amplifier which we are now testing.

Target power output from this amplifier is 125Watts into 8 Ohms at 50Volt supply. Tentative size is 3.75" x 2.4" x 1.2", weight is 100grams or 3.5oz.

This amplifier will address the needs of large and giant scale airplane modellers who operate their models on 8S - 12S LiPo batteries.

MSC ARTICLES

We have published several technical articles on electrical subjects of interest to R/C modellers. They are all available on our Articles page at : www.modelsolutions.ca/articles.htm

LOW VOLTAGE SOLUTIONS

We had planned to produce a 6-12Volt DC-DC converter to allow our SFX6 modules to operate on lower voltages.

Market research has shown us that the demand for such a unit is extremely small and, combined with production difficulties, we have decided to not proceed further with this approach.

We will be investigating other alternatives such as a low voltage amplifier combined with low impedance speakers to maintain a reasonable power output.





MODEL BOAT SHOW

We are exhibiting at the upcoming "Model Boat Expo" in Kitchener, Ontario, Canada on the July 3/4, 2010 long weekend. This show is organized by the "Great Lakes Model Boat Association" (GLMBA). We will be demonstrating the SFX6 sound module and hope to see some of you there!

THE BALD EAGLE!!

We have had some very unusual applications for our SFX6 sound module. One company in Missouri, United States, is experimenting with an R/C "Bald Eagle" - an R/C sailplane carrying our SFX6 sound module playing a sequence of Bald Eagle screeches and cries. This is intended to frighten away birds at commercial airports to eliminate or greatly reduce the chances of a bird strike damaging or bringing down an airplane. The company - NoBirdStrike.com is in its infancy, but is sure to achieve great things with the help of our sound system.

PHOTO/VIDEO GALLERIES

Our Photo and Video galleries containing photos and/or videos of some of our customer's models continue to grow by leaps and bounds. We have a wide variety of models featured – aircraft of all kinds, a helicopter, tugboats, naval vessels and a Sherman tank.

We are lacking videos of model boats and would welcome contributions of good quality videos from some of our model boat customers.

Our Photo Page is at :
www.modelsolutions.ca/photogallery.htm

Our Video Page is at :
www.modelsolutions.ca/videogallery.htm

OUR EMAIL ADDRESS

Our generic email address is contactus@modelsolutions.ca . This exact address does not appear anywhere on our web site to reduce spam attacks. Instead it is shown as [contactus "at" modelsolutions.ca](mailto:contactus@modelsolutions.ca)

CUSTOMER TESTIMONIALS

We welcome testimonials from any customer who has purchased any of our SFX6 modules and are pleased with the product, and/or our service.

Please email them to :
contactus@modelsolutions.ca.

Thank you.

OPTING OUT OF NEWSLETTER

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

Tel : Canada 613 882-4649
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