



PO BOX 1118 BAYSWATER, VIC 3153, AUSTRALIA  
PHONE: INTERNATIONAL ++614 2902 9083  
AUSTRALIA (04) 2902 9083 VOIP via Engin®  
Web: <http://www.rcs-rc.com> Email: [rcs@rcs-rc.com](mailto:rcs@rcs-rc.com)

## # LYN-SOUND

by Model Radio Workshop



## Features.

- \* Real sound recorded from the Lynton & Barnstaple LYN loco.
- \* Great for bringing Live Steam locos to life.
- \* Uses Receiver supply for power. Simple plug in installation.
- \* No soldering needed. No programming required.
- \* Use with any channel. Ideal for the Ch # 5 bind button on RCS Tx's.

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Congratulations on buying this Remote Control Systems model sound unit. Treat it with respect and it will reward you with many years of trouble free service.

### Instructions.

Plug the sound unit into any spare channel on your receiver. Now wire up the 8 ohm speaker of your choice to the terminal block provided. The speaker must have at least 8 ohms resistance or higher.

If you have a clean whistle recording of your favourite steam loco RCS can arrange to have a special sound card made for you.

RCS welcomes ideas for other applications.

Made in the UK by Model Radio Workshop (# RCS04)

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## IN USE

First, if you are using a computer radio, make sure the end point/travel is set to 100% on the channel you are going to operate the sound unit with, otherwise you may not be able to trigger the sound store unit.

The sound unit is designed to operate when the channel it is operated from goes from a 2 ms rest position to below 1.35 ms. It will then play the sound once and stop. The control must then be returned to 2 ms to re-start.

The RCS handpiece Bind button (Ch # 5) is spring loaded so it will allow the sound to return to idle once it is released. It will be ready to play again. With a switch or knob control channel you will have to manually return the control to the 2 ms rest position.

When using a spring return stick channel just let the stick return to centre. You may need to adjust the trim on this channel to get the sound to reset every time.

To get the best sound from your loudspeaker, the use of cardboard tubes to enrich the sound and increase the bass is desirable. (see diagram below). Or you could make a box to achieve similar improvement.

RCS has 3d printed speaker boxes for three of our most popular speakers. If you require a louder audio output an auxiliary output has been provided so you can use an external power amplifier. See diagram for pin assignment.

