

MRC SYNCHRO SOUND 750

Congratulations! You have just purchased one of the most advanced DCC sound systems available today. The Synchro Sound 750 will bring your model railroading to life with realistic model railroading sounds.

Operational Information

Connect the two wires from the Synchro Sound 750 to the track outputs from your DCC System or any convenient section of your track rails. *Polarity does not matter.*

Go to address #3. *The Synchro Sound 750 is pre-programmed with address #3 and zero momentum at the factory.*

Double pressing F1 (*two pressings within approximately 1 second*) will turn on/off the diesel rumble.

Bell, horn and coupling sounds will operate regardless of diesel rumble being on or off.

- Pressing F1 once will turn the bell on or off.
- Pressing F2 will activate the long horn blast. You can make the long horn blast even longer by repeatedly pressing F2 before the sound ends.
- Pressing F3 activates a short horn blast.
- Pressing F4 will activate a coupling sound.

With the diesel rumble sound turned on, move your throttle and the diesel rumble will sound with the moving loco or idle with your stopped locomotive.

Special Hidden Sound

Although we have not advertised this feature, you may activate a brake squeal sound. Double pressing F0 (light) will activate the brake squeal sound. You can make the brake squeal sound longer by constantly double pressing F0. *Your lights will flash when using this feature.*

The bell sound, F1, has a diesel idle sound in the background. When using the bell sound in conjunction with the diesel rumble sound, the synchronized diesel rumble sound will drop out and the diesel idle background sound will be heard while the bell is activated. If the diesel rumble sound is enabled and the bell sound is turned off, the synchronized diesel rumble will resume in accordance to the loco speed. Also, while the bell is on, if the throttle setting is altered, the bell will double ring automatically with the engine notch up/down sounds.

Please note, whenever you turn your DCC System off or program a new address into your Synchro Sound 750, you may have to turn on the diesel rumble sound by double pressing F1.

Programming

You can program the Synchro Sound 750 with any address from 1-127, so the unit can be used with any of your decoder equipped diesel locomotives. Momentum can also be programmed into the diesel rumble sound. Just follow your DCC system's programming instructions for programming addresses and momentum settings.

It may take a couple of times of programming to closely synchronize the loco with the diesel rumble sound. The synching of the sound to speed may vary with different locos from different manufacturers. Also, the length and weight of a train, dirty track and grades will also affect the sound synchronization. In some cases you may have to add momentum or change start voltage settings to either the loco or the Synchro Sound 750, in order to get a closer match between the loco and the diesel rumble sound. It is best to do all your loco and Synchro Sound 750 programming on a separate programming track.

Be aware that if a locomotive has no momentum and is traveling at high speeds and you reduce the throttle very quickly, loco sound will drop from high speed running to idle without transitioning speeds.

Service Information

If you experience any problems with the Synchro Sound 750, telephone our customer service department at (732) 225-6360 before returning your unit. If it should be necessary to return your Synchro Sound 750, please include a clearly printed letter with your name, address, a daytime telephone number, a detailed description of the problem you are experiencing, and a check or money order for \$7.00 shipping and handling.

Send your Synchro Sound 750 by Parcel Post Insured or United Parcel Service to:

Model Rectifier Corporation
Att: Customer Service Department
80 Newfield Avenue
Edison NJ 08837-3817



© 2002 Model Rectifier Corporation

Printed in China