



SNC RID INSTRUCCION SHEET

Intended Use

SNC's Radio Interference Damper (RID) is a filter specially designed to reduce the effects of Radio Frequency Interference (RFI) on telephone line facilities. The device may also suppress, dampen or get rid of the following telephone line problems:

- Noisy Lines
- Data circuit errors due to impulse noise or hash
- Dialing errors
- Equipment malfunctions/damages
- False rings



Figure 1: P31050A - AM Radio Interference Damper

Source of Noises

RFI occurs where a radio station transmitter is located near telephone facilities. Generally, the radio signal is picked up by the wire, which acts as an antenna, and is demodulated (changed to audio frequency” by the non-linear components, such as varistors, transistors, and diodes in the telephone set. However, it can also result from corroded connections (inside and outside wiring), loose wire terminations (including set wiring), abandoned wire connected but not used, and auxiliary station equipment. A RID connected into the circuit between the interference and the point of demodulation will filter this interfering influence.

Pair Connections

The RID comes in two pairs and may be used in a telephone line that has one or two pairs. A line splitter module (not included) will be needed if the RID is used for a telephone cable that has two telephone lines. Connect the RID to a telephone jack (connect the line splitter between the wall jack and the RID if needed) and then connect the telephone set to the RID (See following procedures for single line connections).

Connection Procedures



1. Unplug the existing noisy phone from the telephone wall jack.



2. Plug the noisy telephone to the RID.



3. Plug the attached noisy telephone and the RID back into the telephone wall jack.



4. Once these steps are completed, the radio interference noise should disappear or diminish. While the lightweight RID can be left hanging from the wall jack, the unit comes equipped with adhesive double-stick tape to affix it to the wall.

Troubleshooting

If the radio interference does not go away, the interference is not AM and is likely coming from an FM source or some other high frequency equipment. If the noise is from an FM radio station transmitter, a different RID model will be needed.

For further information or for technical support - call 800-558-332 - or visit www.sncmfg.com



SNC Manufacturing Co., Inc.

101 West Waukau Ave., Oshkosh, WI 54902-7299
800-558-3325 or 920-231-7370 FAX 920-231-1090

E-mail: telecom@sncmfg.com

Website: www.sncmfg.com