Fix Hum on

LONGITUDINAL IMBALANCE (AC Voltage) TECH BULLETIN



When you've tried EVERYTHING else:

Telephone companies have been dealing with AC on phone lines since they first started serving the same customers, locating their lines on the same poles as the electric company. Since phone lines are often built along the same route as power lines, varying amounts of AC voltage are easily induced onto the phone lines. This AC voltage usually can't be heard, since it is traveling on balanced phone lines (where both sides of the line are exactly the same distance from the central office). AC voltage can go as high as 50V before the phone company (in most states) has to do something to bring the voltage down mainly for safety reasons.

- HOW TO MEASURE THE AC VOLTAGE ON THE LINE
- WHY AC AND LONGITUDINAL IMBALANCE CAUSES PROBLEMS IN SYSTEMS
- HOW TO DETERMINE IF THE AC VOLTAGE IS CAUSING PROBLEMS IN YOUR SYSTEM
- HOW HUM ON THE LINE RELATES TO LONGITUDINAL IMBALANCE
- SOLUTION THAT THE PHONE COMPANY USES
- SOLUTIONS THAT YOU CAN USE NOW

Get the whole bulletin faxed right to you...

FaxBack from Anywhere
1-800-669-9900
Document 504

If you have a strange problem... you'd better check this out!

Be Sure to Check Out or Loop Current Tech Bulletin... Doc. # 503

No CPC from your Phone Company?

Does the line eventually go to Howler (the loud beep-beep-beep sound that tells you to hang up your phone)?

If it does, CallSaver will open the line, and reconnect it as soon as your phone system detects the loss of loop current and hangs up! See more about CPC on Page 41



Modem Filter

- Reduces Cut-offs
- Increases Modem Connection Speed



Some modem problems are caused by spikes and noise (common mode, that you *can't* hear) on the phone line!

The Modem Filter will fix these problems immediately!

Only \$14.95

#WAL4P



You've got to be crazy to make holes in a customer's wall without checking first!

#TLS10

Bright Yellow

Pocket Stud Sensor

\$12.95 3 @ \$11.95

The regular Stud Sensor is too big to be convenient... So everybody leaves it in their tool box.

w/9V Battery

Clips to your pants pocket!

Very Nice Level! Priced Right so if it breaks or gets lost it doesn't matter much!

24" Aluminum 3 Vial Level

Only \$5.99!

• Siren • Timeclock • 3 Warbles

THE LOUDEST

#TLS1N



Mike Sandman... Chicago's Telecom Expert

RINGER I'VE EVER HEARD!

• 390 E. Irving Park Rd. • Roselle, IL 60172 • 630-980-7710 •



Non-Magnetic

