

# 95 kHz Infrared Systems

## TECHNICAL BULLETIN

### **High Efficiency Fluorescent Lighting**

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Many facilities are being fitted with high frequency, high efficiency fluorescent lighting systems, which interfere with infrared hearing assistance and interpretation systems operating on 95 kHz. Historically, 95 kHz has been the most often used frequency for these infrared installations. This interference is not brand name selective. These lighting systems will cause problems with all 95 kHz infrared systems. It is important to know if these lighting systems are in place or planning to be installed in venues where infrared systems are being considered. If they are, 95 kHz systems should not be considered for use.

A suggested solution to this problem is to specify / install an infrared system that operates on frequencies 250 kHz or higher, such as 2.3/2.8/3.3/2.8 MHz. These frequencies will operate effectively in venues using high efficiency lighting systems.

If you have any questions regarding this information, please contact Williams Sound at:

**1-800-843-3544**