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## Microphone MUX Inputs



### WHAT IS a TEFnet installation?

**TEFnet is a complete TEF 25 analyzer with 5 MUX inputs plus an additional input for special applications. The system is utilized in conjunction with a dedicated house computer. The consultant installs microphones in selected locations and sets the parameters for Pass/Fail evaluation. The software will prevent any unauthorized change made to the consultant's specifications. The Pass Fail evaluation is based on a TDS test sweep and automatic sequential activation of MUX microphones. The Pass Fail evaluation Test utilizes modified Sound Lab speaker test software.**

The accuracy and usefulness of the Pass/Fail evaluation is based on the parameters selected by the Consultant and his ability to specify the acceptable tolerances for measurements at each of the microphone locations. Only the Consultant will specify the Pass/Fail parameters. The Resident Soundmen will not be authorized to change the Consultants Pass/Fail parameters. However, the TEFnet system will also include Sound Lab Modules to measure RTA and NLA. For special applications other modules can be added. Resident Soundmen will be able to take advantage of the multiple microphones installed in many locations.



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# TEFnet Installation System 1

## *A Major milestone in the life of TEF*

For many years, leading acoustic consultants have utilized TEF to accomplish outstanding acoustic designs. Consultants, traveling with TEF, are credited with designing many of the best Halls, Public Buildings, Terminals and outstanding Churches. The superior work of this select group of talented consultants is naturally in much demand. Limited available time and distances make it difficult to satisfy even the best customers. An installed TEFnet System helps to overcome Time and Distance constraints and allows consultants to be more available.

An additional Customer advantage is the Pass/Fail software allowing the customer to rapidly check his system before major events. Customers will also be able to monitor SPL levels in multiple locations and Make use of Sound Lab NLA to document noise levels during a performance.



### FRONT

Data from the Pass/Fail test will be accumulated on the dedicated house computer and made available via the internet to authorized users or reported to the Consultant. Additional software is under development to allow the Consultant to access and control the TEF from a remote location. He will be able to look at all MUX positions or any individual position and make use of other TEF Sound Lab modules if they are part of the system. MUX measurements are individual but can be combined in the RTA software.

### Features:

- Verifies System performance before major events
- Monitors multiple zones with 5 MUX microphone inputs
- An independent input is provided for special measurements such as a Type 1 NLA measurement.
- Provides Pass/Fail evaluation in accord with predetermined criteria.
- Software to add Distortion Criteria to Pass/Fail TDS test
- Sound Lab RTA measurements for customer use
- Requires a dedicated computer with internet connection (not supplied)



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