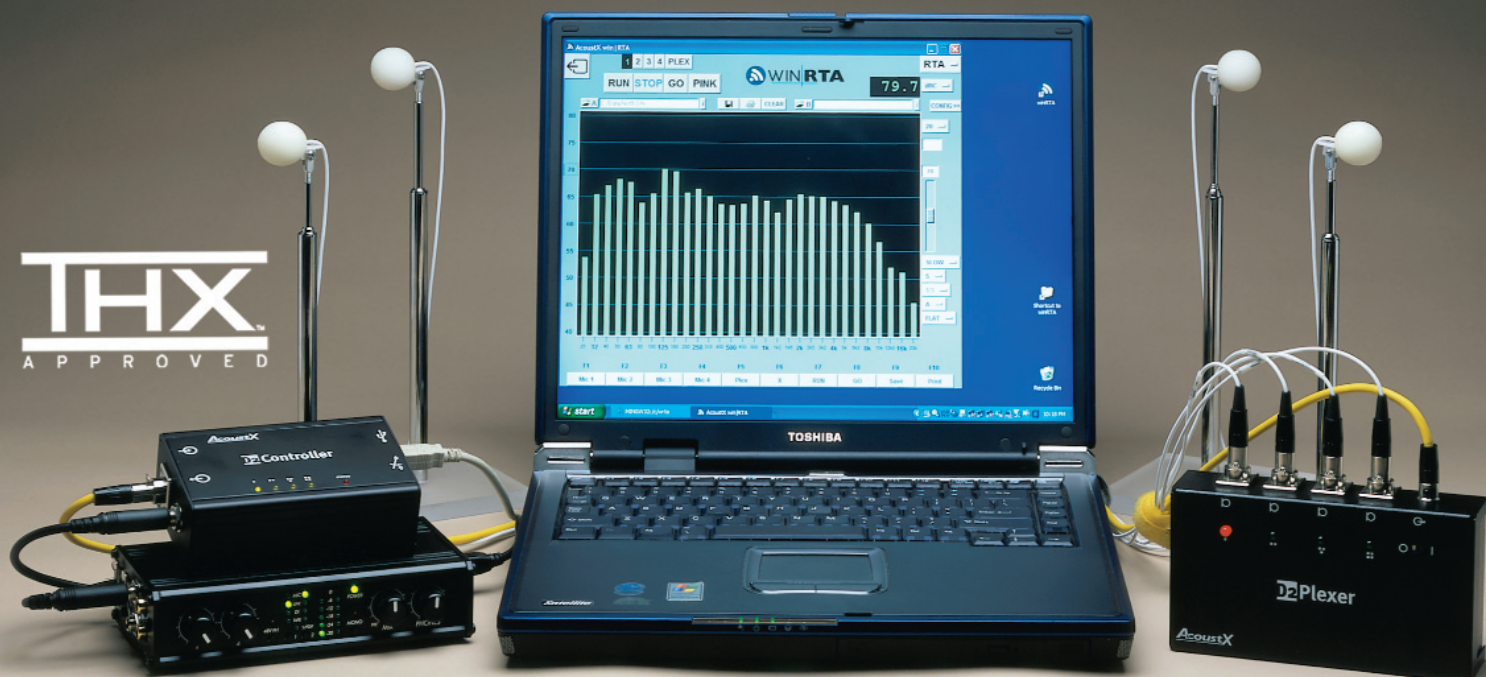




# Acoustical Measurement System

*Complete, Compact & Calibrated*

THX  
APPROVED



*Computer not included*

**AcoustX** has answered the need for a powerful, truly portable, and cost-effective sound analysis tool for cinema and home theatre.

Our D2 system is one of the most comprehensive tools ever developed for sound technicians to evaluate and adjust theatre sound. The D2 provides high-resolution acoustical measurements, NC and RT60 testing, and all the features that a field technician needs to get his job done quickly and accurately.

The D2 was developed based on many years of audio and cinema experience and is both theoretically sound and in-the-field practical. Our products are lightweight, but sturdy and well built, so you can carry them into the field with confidence.

## D2 Acoustical Measurement System

- Integrated sound analysis system for cinema and home theatre
- Flexible software system for Microsoft® Windows-based computers
- Calibrated, low-diffraction microphones for accurate measurements
- High quality digital audio interface
- Microphone multiplexer
- USB computer interface for easy connections
- Small diameter interconnect cables to reduce weight
- Collapsible microphone stands

**AcoustX**  
TOOLS FOR SOUND ANALYSIS

*Providing high quality sound measurement solutions  
for commercial cinemas and home theatre installations*



# Acoustical Measurement System

*Complete, Compact & Calibrated*



System shown in optional carrying case (for illustration purposes). Actual case may vary.

The D2 is an integrated solution for sound analysis in the cinema and home theatre. It features WIN|RTA software, microphone multiplexer, high quality audio interface, and rugged, low-diffraction microphones in a complete, calibrated system.

## Individual Components:

### WIN|RTA software

WIN|RTA provides high resolution audio measurements of frequency response, background noise, and reverberation time.

#### HIGHLIGHTS:

- High resolution:  $1/1$ ,  $1/3$ ,  $1/6$ ,  $1/12$  octave
- NC test sequence
- RT60 measurement
- Comprehensive Theatre Test: All necessary tests organized in an easy-to-follow sequence
- Microsoft® Windows XP/2000 computer with 2 USB ports required

### USB Pre

Sound Devices' USB Pre digital audio interface is recognized throughout the industry for its quality and reliability.

#### HIGHLIGHTS:

- USB digital audio interface
- Proven high quality
- Compatibility verified for use with WIN|RTA.

### Plexer

The D2 Plexer is a 4-channel microphone preamp that provides remotely controllable microphone selection.

#### HIGHLIGHTS:

- Compact
- Remote controllable via WIN|RTA and the D2 Controller
- Lightweight interconnect cable

### Controller

The D2 Controller is a USB device that remotely changes microphone selection on the D2 Plexer. It provides a relay to control pink noise for reverberation measurements.

#### HIGHLIGHTS:

- USB computer interface
- Selects Plexer microphone input
- Provides relay closure for pink noise reverberation time testing

### Microphones and Stands

The D2 utilizes rugged, low diffraction, electret condenser microphones for accurate repeatable measurements. These microphones are calibrated against a  $1/4$ -inch measurement microphone.

#### HIGHLIGHTS:

- Rugged, low-diffraction electret condenser microphone
- Calibrated against a Bruel & Kjaer®  $1/4$ -inch laboratory microphone
- Lightweight, collapsible stands

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TOOLS FOR SOUND ANALYSIS

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