

# Horizon

SOLUTIONS

audio - lighting - video

## **RESOURCE STAGE SEMINARS** **2010/11**

Resource Stage seminars are an education opportunity for technicians, teachers, operators and theatre enthusiasts who want to learn more about the technical aspects of shows and events.

We encourage all participants to come with questions and real life experiences to add to the discussion forum.

Each month we discuss and explore the latest technology and techniques as presented by industry professionals and manufacturer representatives.

**Who?** Everyone is welcome!

**When?** 7pm held on the second Tuesday of the month

**Where?** **London Ontario Seminars are held at Horizon Solutions**

1069 Clarke Rd. London

**Sarnia Ontario Seminars are held at The Holiday Inn Sarnia**

1498 Venetian Blvd Point Edward

**Why?** These seminars are designed to help you understand better how the technology utilized in theatrical & concert performance works. The purpose is to help you make educated purchase decisions when the time comes for you to purchase equipment. Never is Resource Stage a hard sales pitch.

**What?** The seminar topics range every month covering topics of interest to technicians in Sound, Lighting, Video & Special Effects. For further information on times and locations check out [www.resourcestage.ca](http://www.resourcestage.ca)

## **2010/11 Seminar Series**

London Ontario Seminars  
Horizon Solutions  
1069 Clarke Rd  
7:00pm – 9:00pm  
\$5 @ the door  
No need to register

### **September 14<sup>th</sup> 2010**

#### **Audio Mixers 101 – Allen & Heath**

A staple seminar on the Resource Stage seminar list this seminar will cover the basics of the audio mixer. Looking at every jack, knob, fader and output we will explore how the signal flow works in a professional audio mixer. Joining us for this seminar are representatives from Allen & Heath. Using A&H GL2400 mixer as a base we will be talking about how different mixers have slight variances. This seminar is perfect for anyone looking to expand their knowledge of how audio mixers work.

### **October 12<sup>th</sup> 2010**

#### **Theatrical Lighting Design – A professional's approach to theatrical lighting design**

##### **With Renee Brode – Sponsored in part by Rosco Canada**

Theatrical lighting design is part art and part technical. In order to be successful in the world of theatrical lighting design you must understand both sides of the job. You must be able to read beyond the playwright's notes and apply the director's vision. All of this must happen through the manipulation of theatrical lighting tools much of which was designed almost 50 years ago. Renee Brode is one of Canada's great freelance lighting designers. She has worked with the Grand Theatre (London) for a number of their shows over the last few years and this year is no exception. In November & December 2010 the Grand will present Joseph and the Amazing Technicolor Dream Coat featuring the lighting design by Renee Brode. This seminar is a must for amateur lighting designers as well as teachers and students. Everyone is welcome!

### **November 9<sup>th</sup> 2010**

#### **Microphones – How they work and how to use them**

##### **Sponsored in part by Shure Microphones**

Microphones are funny things. You can buy a mic for \$10 and according to the propaganda on the packaging it will pickup all sounds just as they are produced in the real world. But that just can't be true. Why are there so many differences in prices, styles, qualities etc? The truth is that there is a real science to microphone design. And this is not a dead science. New microphones are being developed all the time. The renewed interest in Ribbon Microphones is just one example of how this technology continues to evolve. This seminar will look at how microphones work, the different styles of microphones as well as how to use microphones for different applications. This is a great seminar for teachers, students, church operators, theatre techs and musicians. Everyone is welcome!

**January 11<sup>th</sup> 2011**

**Outboard Audio Equipment & Recording**

- A close look at compressors, gates, effects and basic recording

**Sponsored in part by PreSonus**

One of the most misunderstood parts of audio is the outboard equipment. Often people will have difficulties with anything from the way they plug into the mixer right through to how you get the settings right. This seminar will look at how outboard equipment like compressors and gates work as well as effects. We will also be spending some time looking at how to get a good multi track recording from your live event. This is a good seminar for church audio technicians and operators as well as teachers and students. Everyone is welcome!

**February 8<sup>th</sup> 2011**

**Running a successful sound check / rehearsal**

**Sponsored by Horizon Solutions**

Have you ever noticed it can be a constant battle between the musicians and the techs? It doesn't even have to be musicians and sound operators... sometimes it's actors and the lighting guys. In this seminar we're going to tackle this age old conflict head on. We're hoping to get musicians and technicians alike into the same room to discuss both sides of the story. How do we find middle ground between the two sides? It should be a great discussion. Everyone is welcome!

**March 8<sup>th</sup> 2011**

**Video Projectors 101**

**Sponsored in part by Sanyo Canada**

Video projectors are almost as common as sound systems in churches, schools and theatres these days. We're now seeing most of our clients who purchased projectors over the last 10 years looking at upgrading their systems for the first or second time. As the technology changes, becomes more readily available and prices drop the purchasing decisions become clouded. In the past organizations would spend months and tens of thousands of dollars on finding the right projector. Today the flier in the newspaper lists a dozen different projectors available at the local big box store. Buy how do you know what to buy? This seminar is going to look closely at how projectors work. What to look for in a quality video projector and what you need to think about as you put together your system. This is a good seminar for church technicians, school AV techs and theatre AV techs.

**April 12<sup>th</sup> 2011**

**Monitors & In-Ear Monitors**

**Sponsored in part by EAW & Shure**

Taking control of the stage volume in your school or concert venue is not easy. Sometimes it's even more difficult in churches. Professional and amateur musicians alike often want to hear a mix on stage that is louder, more bassy and less controlled than what the operator wants to hear. The battle really begins when one musician cannot hear their mix because another musician has their mix too loud. This is a very big topic and one which we can't really explore completely in 2 hours however we're going to look at some different techniques you can use to help take control of the stage volume while looking as well at different stage monitors and in-ear monitors as possible solutions. Everyone is welcome.

## **2010/11 Seminar Series**

Sarnia Ontario Seminars

Holiday Inn – Sarnia

1498 Venetian Blvd – Point Edward

7:00pm – 9:00pm

\$5 @ the door

No need to register

### **September 15<sup>th</sup> 2010**

#### **Audio Mixers 101 – Allen & Heath**

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### **October 13<sup>th</sup> 2010**

**\*\* Special Location – Victoria Playhouse Petrolia \*\***

#### **Special Effects for the stage**

##### **Sponsored in part by Ultratec Special Effects (Formerly LeMaitre)**

Special effects are easy to do, but harder to do right. Or at least harder to do right. Unless of course you have the right tools... the right knowledge and the right way of controlling the effect. So I guess it's not that hard if you take the time to do it right. Ultratec (formerly LeMaitre) are professionals when it comes to special effects. Theme parks and movie sets around the world use special effects like fog, haze and confetti from this manufacturer located right here in South Western Ontario. This is a great seminar for teachers, students and community theatre folks however anyone who's interested is welcome!

### **November 10<sup>th</sup> 2010**

#### **Microphones – How they work and how to use them**

##### **Sponsored in part by Shure Microphones**

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**January 12<sup>th</sup> 2011**

**LED Technology for the Stage**

**“Are LED’s everything they say they are?”**

**Sponsored by Horizon Solutions**

For a number of years now we have been hearing about how LED technology is going to change the way we do shows. And it's happened. Over the last 5 years there have been great strides in LED technology. The dimming is getting better as is the control and colour mixing. We're going to spend this seminar looking at a number of LED fixtures from different manufacturers to see what makes a good LED fixture for the stage. This is a great seminar for anyone who is thinking of using LED lighting for their stage, studio or auditorium. Everyone is welcome!

**February 9<sup>th</sup> 2011**

**Outboard Audio Equipment & Recording**

**- A close look at compressors, gates, effects and basic recording**

**Sponsored in part by PreSonus**

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**March 9<sup>th</sup> 2011**

**Video Projection Systems**

**Sponsored in part by Kramer Canada**

It's one thing to plug a computer directly into a projector or an LCD display. It's another thing to distribute this video, and other video sources throughout a facility. Horizon Solutions has spent a number of years designing and installing video systems for churches, businesses, schools and other institutions. There are a number of things to think about when converting signals, dealing with wiring and planning out your system. In this seminar we are going to look at what components go into a properly designed video system.

**April 13<sup>th</sup> 2011**

**Monitors & In-Ear Monitors**

**Sponsored in part by EAW & Shure**

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