# **Limit Light**

# for XL2 Audio and Acoustic Analyzer



XL2 Limit Light

The XL2 Audio and Acoustic Analyzer in combination with this Limit Light offers a turnkey solution for live sound monitoring. The sound level limits are set in the XL2. The Limit Light provides a pre-warning with an orange light and indicates that levels have been exceeded with a red light.

The Limit Light connects directly to the XL2 Analyzer. It represents the actually measured levels on a color display for simple confirmation that the sound level monitored is within the limits. This provides the front-of-house engineer with a personal eye-catching level indication. The light indication is dimmable for applications in dark environments.

## **Key Features**

- Level indicated with three colors; green, orange and red
- Customized color limits set in handheld XL2 Analyzer
- Dimmable low-profile light indication

#### **Applications**

- Live sound monitoring
- Industrial noise pollution monitoring
- Passed / Failed measurements in manufacturing quality control (requires XL2 Spectral Limits Option)

The Limit Light offers an input for a standard foot switch, which sets event markers during ongoing sound level measurements or starts a passed/failed measurement in quality control applications. A professional audio cable extension can be used to place the XL2 at a remote location away from the Limit Light.



## **Specifications XL2 Limit Light**

Inputs	<ul> <li>XLR 3-pole for <ul><li>power supply</li><li>XL2 digital I/O signal</li></ul> </li> <li>6.3 mm jack plug for standard foot switch connection</li> </ul>
Visual Indications	<ul> <li>Dimmable level light indication in green, orange and red (limit setting in XL2)</li> <li>Power Indication LED</li> </ul>
Cable Adapter (included)	<ul> <li>Adapter length = 20 cm</li> <li>Assignment:</li> <li>1 - Ground</li> <li>2 - Power Supply</li> <li>3 - Digital I/O</li> </ul>
Power Supply	The default XL2 Power Adapter powers the XL2 and the Stack Light at the same time
Tripod Mount	1/4" Tripod mount in bottom plate
Scope of Supply	XL2 Limit Light     Cable Adapter
Extension Cable (not included)	Cable adapter can be extended with standard XLR cable     Maximum cable length typically 40 m
Cascading	Up to 10 I/O Devices can be cascaded @ one single XL2 (cabling not included)
Dimensions (L x W x H)	110 x 75 x 40 mm
Weight	160 g, 0.35 lb
Temperature	-10 °C to +50 °C (14° to 122 °F)
Humidity	< 90% RH (non-condensing at 50 °C, 122 °F)
Standards	CE compliant: EN 61326-1 Class B, EN 55011 class B, EN 61000-4-2 to -6 and -11, Safety EN 60 065, EN 61 010-1:2001, class II
Protection Rating	IP51
NTi Audio #	600 000 600

All information subject to change without notice.

#### Configuration XL2 Analyzer (not included) Cable Adapter Minimum requirements: Power Supply 1x XL2 Analyzer Digital I/O 1x Exel Mains Adapter 1x Limit Light Exel Mains Limit Light Power Adapter (not included) 9 VDC Power Supply & Digital I/O 100-240 VA0 Optional Standard XLR Audio Cable Jack Input Connector (not included) Standard Foot Switch (not included)