

Stack Light

for XL2 Audio and Acoustic Analyzer



XL2 Stack Light

The XL2 Audio and Acoustic Analyzer in combination with this Stack Light provides a turnkey solution for noise level monitoring or quality control applications where a prominent visual indication is required.

The Stack Light connects directly to the XL2 Analyzer and shows the actual measurement result with three different colors; green, orange and red.

Key Features

- Level indicated with three colors; green, orange and red
- Customized color limits set in handheld XL2 Analyzer
- Prominent 360° light
- Direct input for standard foot switch to start measurements

Applications

- Noise level monitoring
- Passed / Failed measurements in manufacturing quality control (requires XL2 Spectral Limits Option)

Noise Monitoring

The sound level limits are set in the XL2. The Stack Light shows that all levels are below these permissible limits with a prominent green light indication. Pre-warnings are provided by an orange light while the red light illuminates when the limit is exceeded.

Quality Control

The passed/failed measurement is started with a standard foot switch, which connects to the Stack Light. An audio cable extension can be used to place the XL2 at a remote location away from the Stack Light.

Specifications Stack Light

Input	<ul style="list-style-type: none"> • XLR 3-pole for <ul style="list-style-type: none"> - power supply - XL2 digital I/O signal • 6.3 mm jack plug for standard foot switch connection
Visual Indications	<ul style="list-style-type: none"> • Level light indication in green, orange and red (limit setting in XL2) • Power Indication LED
Cable Adapter	<ul style="list-style-type: none"> • Adapter length = 20 cm • Assignment: <ul style="list-style-type: none"> 1 - Ground 2 - Power Supply 3 - Digital I/O
Power Supply	The default XL2 Power Adapter powers the XL2 and the Stack Light at the same time
Scope of Supply	<ul style="list-style-type: none"> • Stack Light • Cable Adapter
Extension Cable (not included)	<ul style="list-style-type: none"> • Cable adapter can be extended with standard XLR cable • Maximum cable length typically 50 m
Cascading	Up to 10 I/O Devices can be cascaded @ one single XL2 (cabling not included)
Dimensions (L x W x H)	120 x 120 x 260 mm
Weight	360 g, 0.8 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 #	600 000 610

All information subject to change without notice.

Configuration

