From: Larry Visoski <[redacted]>
To: jeevacation@gmail.com
Subject: LSJ line array speakers
Date: Sat, 06 Jul 2013 13:14:22 +0000

Jeffrey,
My research found this line of outdoor, water/resistant speakers.
These are Line Array outdoor deign, however its recommended the speakers should be protected from elements,
Guitar Center carries this line, i will obtain pricing if you think this is speaker system you are thinking?
Web link. http://www.qscaudio.com/products/speakers/wideline/wideline_wx.htm

Do you like this deign ?

Thx,
Larry

Products / Loudspeakers / Line Array Systems

WLWX Weatherized WideLine Systems

WideLine-wx models are constructed using premium birch plywood which is full encapsulated in fiberglass. The input connector plate is replaced by a hardwired, captive, UV resistant, outdoor-rated (direct burial) cable with a gland-nut through the cabinet for waterproofing. The cable will be 3 meters in length unless otherwise specified at the time the order is placed. Grilles are stainless steel covered in outdoor rated, vinyl coating and lined with acoustic foam and a fine woven stainless steel mesh.

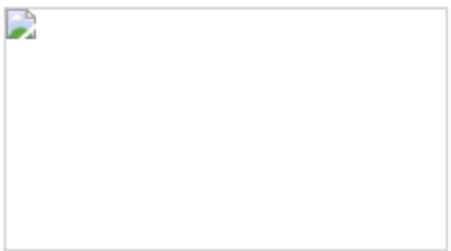
WideLine WX models are strictly built to order. Please allow 90 days plus shipping time from the time the P.O. is delivered to QSC for delivery.

WL2102-wx
The WL2102-wx is a weather resistant, installation version of the WideLine-10 WL2102-w line array. All rigging hardware is removed and replaced with four female M10 fittings (eight total) mounted to either end of the enclosure. The loudspeaker is designed for 3-way operation only and no handles are provided. An adjustable, external, bolt-on rigging system for box-to-box connection and adjustment of splay angles is included. The AF2102-wx is a compatible, aluminum array frame for use when suspending the WL2102-wx. Array frames for the standard WL2102-w are not compatible with the WL2102-wx.

WL2102-wx

WL3082-wx

WL3082-wx
The WL3082-wx is a weather resistant, installation version of the WideLine-8 WL3082 line array. All rigging hardware is removed and replaced with four female M10 fittings (eight total) mounted to either end of



GP218-wx

LINE ARRAY SYSTEMS

- **ILA Installation Line Array**
- **WideLine-10**
- **WideLine-8**
- **Weatherized WideLine Systems**

DOCUMENTS

User Manual (PDF-952KB)

RELATED PRODUCTS

WideLine-10 Line Array System
WideLine-8 Line Array System
GP218-sw Subwoofer
WL218-sw WideLine Subwoofer
SC28 System Controller
QSControl.net BASIS

IMPORTANT NOTE:

Signal Processing Requirements

Like most line-array systems available today, QSC WideLine and ILA line-arrays require carefully optimized signal processing in order to perform as intended. QSC has developed processing settings for these loudspeaker systems using our SC28, BASIS and Q-Sys digital processing devices. Arriving at these settings requires skilled engineers, sophisticated measurement equipment and repeated listening in various

the enclosure. The loudspeaker is designed for 3-way operation only. An adjustable, external, bolt-on rigging system for box-to-box connection and adjustment of splay angles is included. The AF3082-wx is a compatible, aluminum array frame for use when suspending the WL3082-wx. Array frames for the standard WL3802 are not compatible with the WL3082-wx.

GP218-wx
The GP218-wx is a weather resistant, installation version of the WideLine-10 GP218 subwoofer. The standard version includes no suspension provisions but M10 suspension points may be added on request.

Weatherized WideLine			
SPECIFICATIONS	**WL2102-wx**	**WL3082-wx**	**GP218-wx**
System Type	Tri-amp line array element	Tri-amp line array element	2 x 18" vented subwoofer
Transducers High-frequency Low-frequency	 3" titanium diaphragm, neodymium magnet 2 x 10" transducer, 3" voice coil, ferrite magnet	 3" titanium diaphragm, neodymium magnet Dual, 8" woofer, 2.5" voice coil	 - 2 x 18" transducers, 4" voice coil, ceramic magnet
Frequency Response (±3 dB)	55 Hz - 18 kHz	68 Hz - 18 kHz	31.4 Hz - 240 Hz (without processing)
Frequency Range (-10 dB)	48 Hz - 20 kHz	62 Hz - 20 kHz	27.4 Hz - 1.2 kHz (without processing)
Continuous Power Capacity[1]	HF: 80 W LF/MF: 600 W	HF: 85 W LF/MF: 250 W	 LF: 1700 W
Peak Output [2]	HF: 127 dB LF: 133 dB	HF: 122 dB LF: 128 dB	- LF: 140.7 dB
Nominal Coverage	H: 140° V: dependent on number of elements used	H: 140° V: dependent on number of elements used	- -
Input Connectors	Tinned, bare wire	Tinned, bare wire	Tinned, bare wire
Suspension / Attachment Points	Integral rigging system, vertical splay adjustable in 1° increments from 0°-10°	Integral rigging system, vertical splay adjustable in 1° increments from 0°-10°	None (M10 points available by request)
Weight (Net)	92.5 lb (42 kg)	61 lb (27.7 kg)	215 lb (97.5 kg)
Dimensions (HWD)	11.75" x 27.25" x 18.5" 298 mm x 692 mm x 470 mm	9.5" x 20" x 15.5" 241 mm x 508 mm x 394 mm	21.13" x 30.13" x 47.32" 537 mm x 765 mm x 1202 mm

[2] Continuous IEC specified test signal, 2 hours bi-amp mode unless otherwise stated.

[2] Calculated at 1 m using power capacity and system sensitivity. 6 dB peak-to-average signal ratio assumed.

Specifications subject to change without notice.

Sent from my iPad

environments.

It is not possible to simply take the parameters from a QSC processor, transfer them to another processor and get the same results. Other processor manufacturers use different algorithms and design techniques that will produce a different transfer function even if the settings are substantially the same. As a result, QSC is unable to provide settings or tuning support for our line array systems when used with any processors other than those specified by QSC.