



- ▶ Remote Monitoring via Ethernet
- ▶ 120° Horizontal Coverage
- ▶ 1000Wpeak LF Class D amplifier
- ▶ 500Wpeak HF Class D amplifier
- ▶ Switched Universal Power Supply
- ▶ Factory Presets per number of units

## Technical Specifications

<b>LF Transducers:</b>	2x10", 1.46" Voicecoil
<b>HF Transducers:</b>	1.4" Exit, 1.75" Voicecoil; PM-4 Diaphragm
<b>LF Amplifier:</b>	Class-D, 1000Wpeak
<b>HF Amplifier:</b>	Class-D, 500Wpeak
<b>Input Impedance:</b>	20kOhm
<b>Input Sensitivity:</b>	+4dBu
<b>Frequency Range (Full Space):</b>	(-10dB): 100Hz-18kHz (-6dB): 107Hz-17kHz
<b>Max Peak SPL at 1m:</b>	135dB
<b>Horizontal Coverage (-6dB):</b>	120°
<b>DSP Control:</b>	Ethernet
<b>Limiters:</b>	RMS & Peak
<b>Amplifier Protections:</b>	Thermal & Overload
<b>Enclosure:</b>	Birch Plywood
<b>Finish:</b>	ABS and polyurethane paint.
<b>Colour:</b>	Black
<b>Connectors:</b>	Audio In: Female XLR Audio Out: Male XLR Power Input: 20A powerCon Power Output: 10A powerCon Ethernet In: etherCON Ethernet Out: etherCON
<b>AC Power Requirements:</b>	85Vac to 265Vac, 45Hz to 65Hz
<b>Current Draw (1/3 Power@230v):</b>	2A
<b>Shut Down Voltage:</b>	85 Volts, 45Hz
<b>Shut Down Temperature:</b>	85°C
<b>Dimensions (HxWxD):</b>	283x769x475 mm, 11.1x30.3x18.7 in
<b>Net Weight:</b>	27kg, 59.5lb
<b>Shipping Weight:</b>	29.4kg, 64.8lb
<b>Included Accessories:</b>	SL 210 A Rain Cover
<b>Optional Accessories:</b>	Transportation Dolly CRL 210, Rigging Frame MFF 210 and the 6 units cover SL 210 A Cover. For further information please check the user manual that can be downloaded from the Work Pro website.

## Overview

SL 210 A is a self-powered two-way line array with remote monitoring. It features two 10" FAITAL transducers and one 1.46" voicecoil in a bass reflex enclosure. The high frequencies are reproduced by a 1.4" exit BEYMA compression driver which features a polymer PM-4 membrane, which brings a more natural sound when compared to other materials commonly used.

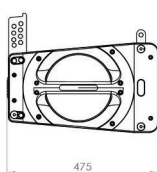
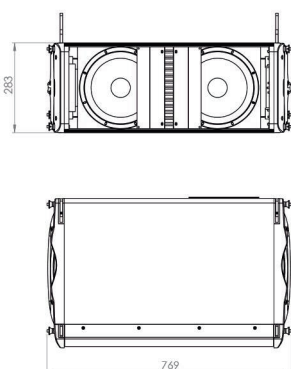
The compression driver radiates over the new VI-10 waveguide which provides a perfect vertical coupling between the high frequencies of the different SL 210 A units.

The digital signal processing, the passive mid-frequency attenuation in one of the speakers and the new OP-120 horn are carefully designed to provide excellent uniformity of the horizontal coverage, keeping the frequency balance unchanged at the listening angles.

SL 210 A features a powerful digital signal processing, which provides the filtering and the necessary corrections of magnitude and phase to the transducers in order to obtain a faithful sound according to the number of units used. Both from the monitoring software, via Ethernet, and from the keyboard and screen on the rear side, you can choose the compensation preset by number of units, add delay and use up to 8 parametric filters for room corrections.

The power is provided by two PASCAL Class D amplifiers with 1000W peak for the Low frequencies and 500W peak for the Highs, which incorporate thermal and overload protections and universal switched power supply. The protection of the transducers is provided by the DSP, with independent RMS and peak limiters for each way.

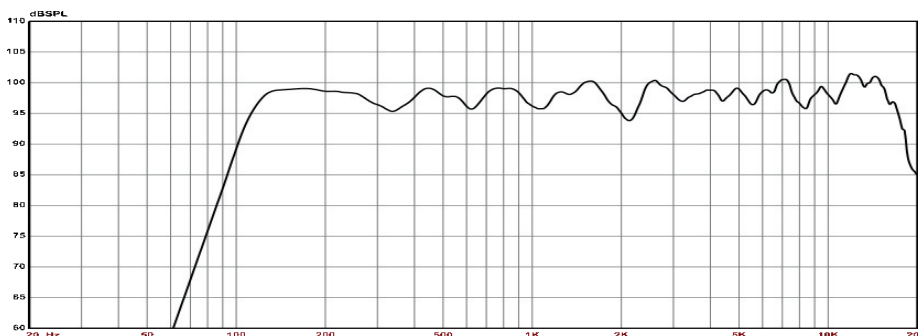
## Dimensions



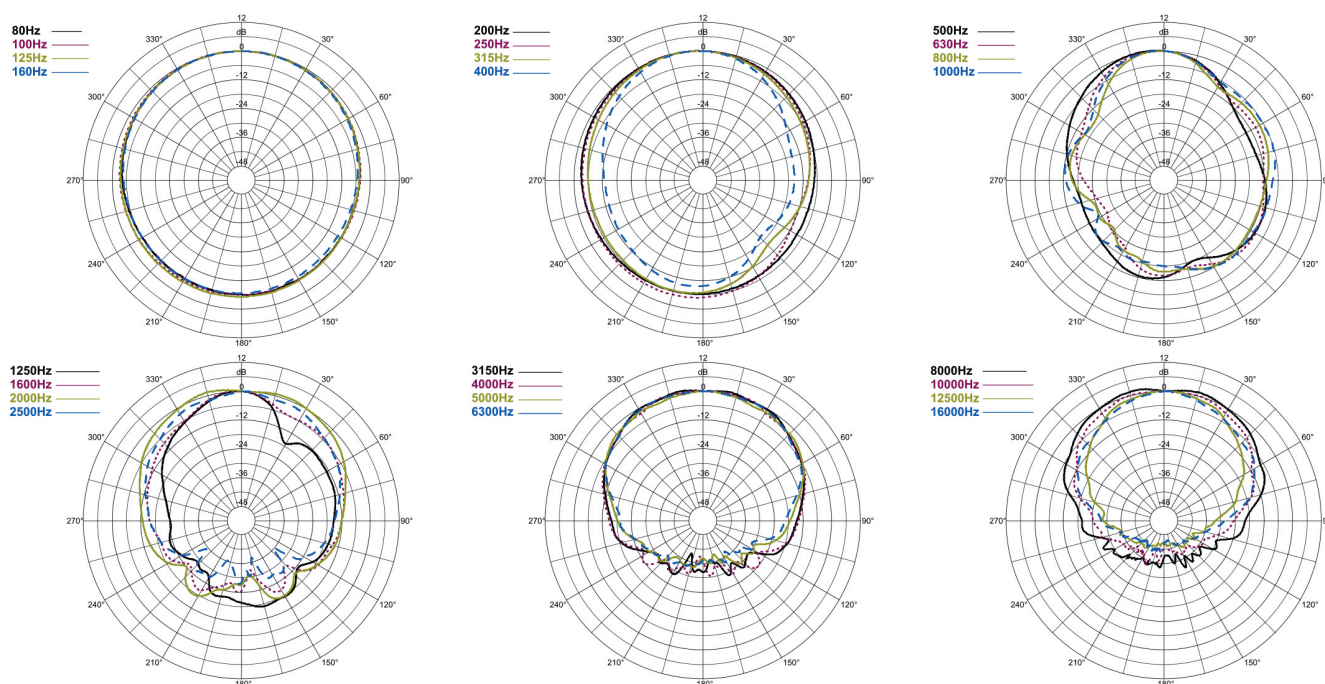
All dimensions in mm

### Frequency Response

On axis frequency response of one SL 210 A unit driven by a swept sine wave signal at an input level of -20dBu, Fronfill preset. Measured in an anechoic chamber at 4m, SPL scaled down to 1m. In order to provide a more detailed frequency response curve only a 1/6th octave smoothing has been applied.



### Horizontal 1/3 Octave Polar Response



### Vertical 1/3 Octave Polar Response (Left/Top Right/Bottom)

