



Spec Sheet

ES802

bi-amped System
8x3" / 1x12", 1200W Power Amp **Digipro G3**



Applications

- Portable PA for live sound and playback applications, clubs, ballrooms, corporate AV
- Compact live sound reinforcement system

Features

- 1200 W Power Amp
- Compact size and weight
- One-trip carry
- One-minute setup
- 8 preset equalizations
- Extended vertical coverage
- Double-ringed phase plug for a wide horizontal coverage
- Auto-range PSU

Description

ES802 is a portable bi-amped sound system composed by two passive tops and one 12" subwoofer. The sub hosts a 1200 W power amp module with auto-range PSU.

The 2 satellites are connected top-on-top and placed on the subwoofer through the supplied D25mm pole.

The highly efficient Class-D Digipro® G3 amplifier provides high power with limited weight and dimension.

The digital preamplifier controls the audio crossover of the acoustic components, the frequency response, the limiter, and the phase alignment.

Both tops are equipped with 4 3" neodymium drivers. The internal design allows an asymmetrical vertical coverage and a wide horizontal coverage. The bass-reflex subwoofer houses a 12" woofer and the amplifier module.

The rotary push up button placed on the amplifier's rear panel allows to choose among 8 different preset equalizations:

- 1 - Flat
- 2 - Bass Boost
- 3 - Bass Reduction
- 4 - Playback
- 5 - Club
- 6 - Vocal
- 7 - Monitor
- 8 - Antifeedback

In addition to the input connectors and controls of the user-interface, there are two Speakon outputs and a VDE power connector.

The enclosure is made of birch plywood coated with a durable scratch-resistant black coat.

Accessories

DT-50	Trolley for ES802
TC-ES12	Bag for ES802 sub
TC-ESTOP	Bag for ES tops

ES802

Technical Specifications

Technical Data

Speaker Type	bi-amped System with two full-range tops and one subwoofer
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Acoustical Data

Frequency Response [-10dB]	35 - 15.000 Hz
Max SPL	124 dB
MF-HF	8x 3"
MF-HF Type	Neodymium
LF	1x 12"
Directivity	95x65°

Amplifier

Amp Technology	Digipro® G3
Amp Class	Class-D
Power Amp	1200 W
Controls	1x Encoder 1x Audio signal monitoring LED 1x Audio limiter LED
Power Supply	SMPS with PSU Auto-range
Power Connection	VDE socket
Cooling	Convection

Processor

Controller	DSP 56 bit
Converter AD/DA	24 Bit/48 kHz
Factory Presets	Flat, Bass boost, Bass reduction, Playback, Club, Vocal, Monitor, Antifeedback
Limiter	Dual Active, Peak, RMS, Thermal
Crossover Frequency LF-MF	206 Hz

Inputs

Mic/Instrument Channel	1x Combo (XLR/Jack) balanced/unbalanced input with Mic/line sensitivity switch 1x RCA stereo input
Link Output	1x XLR balanced output

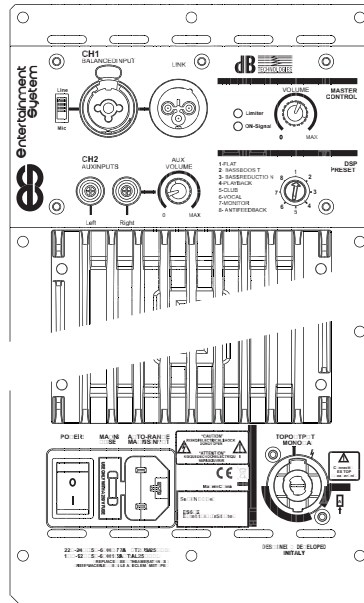
Mechanics

Housing (Subwoofer)	15mm Black Painted Birch Plywood
Housing (Tops)	Polypropylene PP
Handles	2x lateral side (Subwoofer)
Width (Top)	95 mm (3.74 in)
Height (Top)	360 mm (13.98 in)
Depth (Top)	137 mm (5.39 in)
Width (Subwoofer)	465 mm (18.3 in)
Height (Subwoofer)	400 mm (15.7 in)
Depth (Subwoofer)	430 mm (16.9 in)
Weight (Top)	1.9Kg – 4.19lbs.
Weight (Subwoofer)	16.4Kg – 36.16lbs.

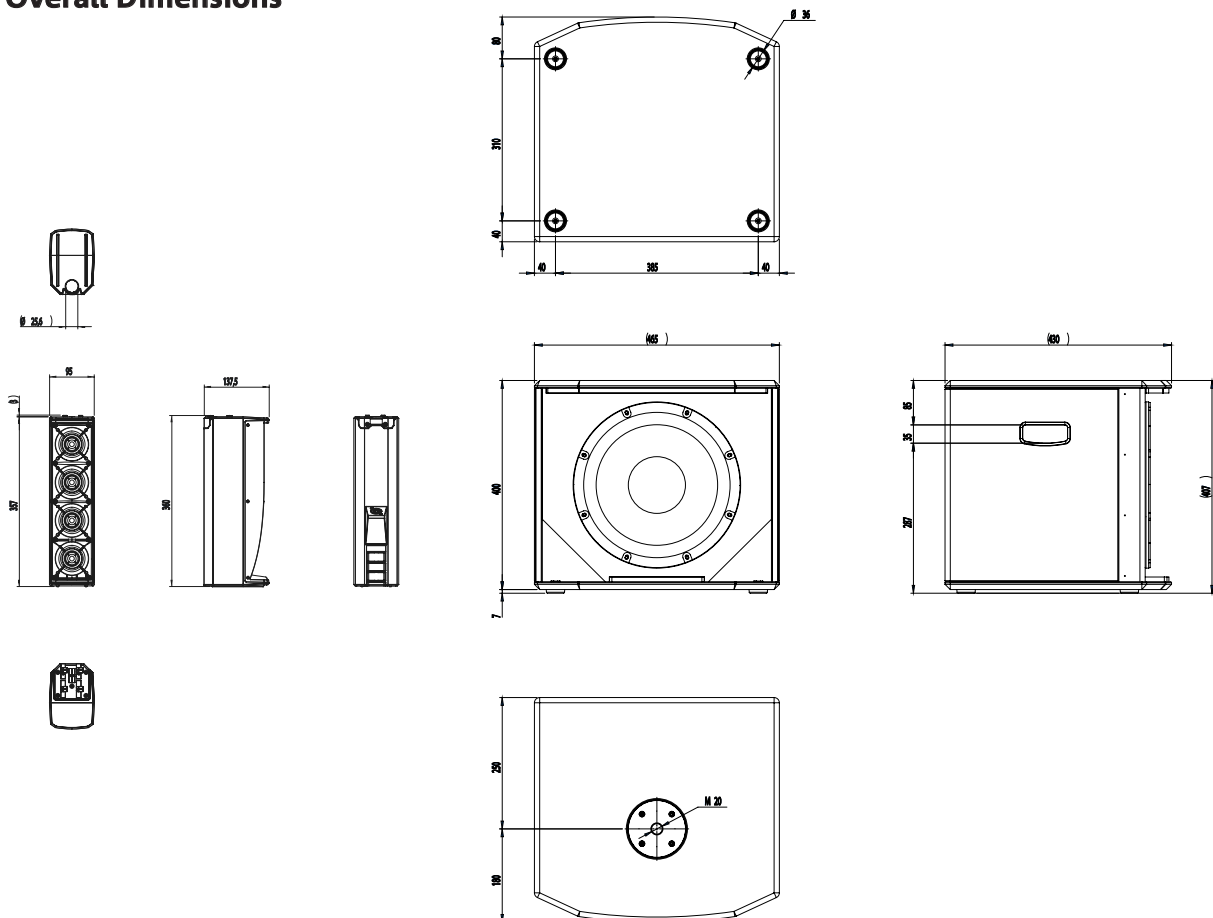
ES802

Technical Specifications

Rear Panel



Overall Dimensions



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dB Technologies products are continually improved. All specifications are therefore subject to change without notice.